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REMEDIAL INVESTIGATION REPORT

Site Name: 601-607 Union Street Site

Site Address: 601-607 Union Street
Brooklyn, New York 11215

BCP Site Number: C224392

Report Date: February 2026

Submitted to:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7020

Prepared for:

601 Union Street Owner LLC
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New York, New York 10018

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

1.0 INTRODUCTION 2

2.0 SITE BACKGROUND 3

2.1 Site Location and Current Usage 3
2.2 Description of Surrounding Property 4
2.3 Geology and Hydrogeology 5
2.4 Redevelopment Plans 5

3.0 SITE HISTORY 6

3.1 Past Uses and Ownership 6
3.2 Previous Investigations 6

4.0 REMEDIAL INVESTIGATION ACTIVITIES 13

4.1 Geophysical Investigation 13
4.2 Soil Investigation 14
4.2.1 Soil Boring Installation 14
4.2.1.1 Supplemental Boring Installation 14
4.2.2 Soil Sampling 14
4.2.2.1 Supplemental Soil Sampling 15
4.3 Grossly Contaminated Media Investigation 16
4.4 Groundwater Investigation 17
4.4.1 Monitoring Well Installation 17
4.4.2 Groundwater Sampling 18
4.4.2.1 Supplemental Groundwater Sampling 18
4.4.3 Groundwater Gauging 19
4.5 Soil Vapor Investigation 19
4.5.1 Soil Vapor Point Installation 19
4.5.2 Soil Vapor Sampling 19
4.6 Quality Assurance / Quality Control Sampling 20
4.7 Reporting 21
4.8 Community Air Monitoring Program 21
4.9 Data Validation 21

4.10 Investigation Derived Waste 21
5.0 REMEDIAL INVESTIGATION RESULTS 22
5.1 Fish and Wildlife Remedial Impact Analysis 22
5.2 Geological and Hydrogeological Conditions 22
5.2.1 Stratigraphy 22
5.2.2 Hydrogeology 22
5.3 Geophysical Investigation Findings 23
5.4 Soil Results 23
5.4.1 Soil Chemistry (RI) 23
5.4.1.1 Soil Delineation Chemistry 25
5.5 Groundwater Results 27
5.6 Soil Vapor Results 34
5.6.1 Soil Vapor Results 34
5.7 Data Usability Summary 35
6.0 CONCEPTUAL SITE MODEL 38
6.1 Site Contaminants 38
6.1.1 SVOCs (PAHs) Impacts in Soil and Groundwater 38
6.1.2 Hazardous Lead and Metals Impacts in Soil 38
6.1.3 CVOCs in Soil Vapor 39
7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT 40
7.1 Contaminant Sources 40
7.2 Current Conditions 40
7.3 Exposure Route 41
7.4 Potential Sensitive Receptors 41
7.5 Potential Exposure Pathways 41
7.6 Exposure Assessment Conclusions and Recommendations 42
8.0 CONCLUSIONS AND RECOMMENDATIONS 44
9.0 REFERENCES 46

FIGURES

Figure 1: Site Location Map
Figure 2: Site Boundary Map and Surrounding Land Use
Figure 3: Site and Sampling Plan
Figure 4: Groundwater Contour Map
Figure 5: Soil Exceedances Map
Figure 6: Metals Delineation in Soil
Figure 7: Groundwater Exceedances Map
Figure 8: Soil Vapor Detections Map
Figure 9: Subsurface Cross Section N-S
Figure 10: Subsurface Cross Section E-W

TABLES

Table 1: Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
Table 1B: Groundwater Monitoring Data
Table 2A: Soil Vapor Sampling Log (2025 RI)
Table 2B: Soil Vapor Sampling Log (2022 Phase II)
Table 3A: Volatile Organic Compounds (VOCs) in Soil (2025 RI)
Table 3B: VOCs in Soil (2022 Phase II)
Table 4A: Semi-volatile Organic Compounds (SVOCs) in Soil (2025 RI)
Table 4B: SVOCs in Soil (2022 Phase II)
Table 5A: Herbicides and Pesticides in Soil (2025 RI)
Table 5B: Pesticides in Soil (2022 Phase II)
Table 6A: Polychlorinated Biphenyls (PCBs) in Soil (2025 RI)
Table 6B: PCBs in Soil (2022 Phase II)
Table 7A: Target Analyte List (TAL) Metals and TCLP Lead and Mercury in Soil (2025 RI)
Table 7B: TAL Metals in Soil (2022 Phase II)
Table 8A: Per- and Polyfluoroalkyl Substances (PFAS) in Soil (2025 RI)
Table 8B: PFAS in Soil (2022 Phase II)
Table 9: Metals Delineation in Soil (2025 RI)
Table 10: SVOCs Delineation in Soil (2025 RI)
Table 11: VOCs in Groundwater (2025 RI)
Table 12: SVOCs in Groundwater (2025 RI)
Table 13: Pesticides in Groundwater (2025 RI)
Table 14: PCBs in Groundwater (2025 RI)
Table 15: Total & Dissolved Metals in Groundwater (2025 RI)
Table 16: Total & Dissolved Metals in Groundwater (2026)
Table 17: PFAS in Groundwater (2025 RI)
Table 18A: VOCs in Soil Vapor and Outdoor Air (2025 RI)
Table 18B: VOCs in Soil Vapor (2022 Phase II)

APPENDICES

Appendix A: Prior Environmental Reports
Appendix B: Geophysical Survey Report
Appendix C: Soil Boring Logs
Appendix D: Monitoring Well Construction Logs
Appendix E: Low Flow Sampling Logs and Monitoring Well Survey
Appendix F: Daily Reports and Community Air Monitoring Program (CAMP) Results
Appendix G: Laboratory Data Deliverables for Soil Analytical Data
Appendix H: Laboratory Data Deliverables for Metals Delineation in Soil
Appendix I: Laboratory Data Deliverable for SVOCs Delineation in Soil
Appendix J: Laboratory Data Deliverables for Groundwater Analytical Data
Appendix K: Laboratory Data Deliverables for Soil Vapor Analytical Data
Appendix L: Data Usability Summary Reports for 2025 RI Samples
Appendix M: Data Usability Summary Reports for 2022 Soil Samples
Appendix N: Data Usability Summary Reports for 2026 Groundwater Samples

LIST OF ACRONYMS

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

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

CERTIFICATION

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

Hilmi U. Aydin
Principal Engineer

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of 601 Union Street Owner LLC (the "Applicant") for the 601–607 Union Street Site, located at 601–607 Union Street in Brooklyn, Kings County, New York (the "Site"). The Applicant is enrolled in the New York State Brownfield Cleanup Program (BCP) under Site No. C224392, pursuant to a Brownfield Cleanup Agreement (BCA) executed with the New York State Department of Environmental Conservation (NYSDEC) on January 26, 2024. The Applicant is classified as a Volunteer under the BCP.

The remedial investigation (RI) documented in this report was performed in accordance with the Remedial Investigation Work Plan (RIWP) dated February 21, 2025, prepared to meet the requirements of the BCP and approved by NYSDEC. The objectives of the RI were to:

- Characterize the nature and extent of contamination associated with historic operations at the Site;
- Identify potential contaminant source areas;
- Perform a qualitative exposure assessment for current and potential future occupants of the Site and the surrounding community; and
- Provide data necessary to support the evaluation of remedial alternatives.

This Remedial Investigation Report (RIR) provides the data and findings of the RI conducted at the Site between July 2, 2025, and July 16, 2025, and supplemental groundwater sampling conducted at the Site on February 12, 2026, and February 16, 2026. The RI was conducted in accordance with the NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10); and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, with revisions (October 2006).

2.0 SITE BACKGROUND

2.1 Site Location and Current Usage

The Site, addressed as 601–607 Union Street, is located on the east side of Third Avenue between Sackett Street to the north and Union Street to the south in the Borough of Brooklyn, Kings County, New York. The Site comprises two adjacent tax lots (Tax Block 440, Lots 1 and 12) with a combined area of approximately 37,553 square feet. The tax lots will be reconfigured into three new lots for the purposes of redevelopment.

A site location map is provided in Figure 1.

The western parcel: Lot 1 (21,055 square feet) is currently undeveloped and vacant. The most recent improvement consisted of a 1-story office/warehouse building with a partial cellar (approximately 500 square feet) situated in the northeastern portion of the lot. The above-grade portion of the building was demolished in December 2025. However, the concrete slab and the partial cellar remain in place. One 550-gallon and one 3,000-gallon aboveground storage tank (AST), containing #2 fuel oil, are located in the cellar. The slab-on-grade and cellar areas are predominantly covered with concrete, except for a small, exposed area resulting from historic tank removal or other intrusive work. The eastern parcel: Lot 12 (16,498 square feet) is used as an open parking and storage yard, fully covered with asphalt. The current layout of the Site includes:

- Lot 1: This lot contains no structures, except for the former building cellar and slab-on-grade. The partial cellar is located below the northeastern portion.
- Lot 12: This lot contains no structures and is entirely paved for vehicle parking and storage.

The Site is secured with fencing and gated entrances. The Site is currently vacant, with occasional parking. Prior to vacancy and recent demolition, Lot 1 was most recently used for warehouse and vehicle repair operations by a petroleum trucking and management company, and Lot 12 served as parking and storage.

A site plan is provided in Figure 3.

The surrounding neighborhood is characterized by a mix of residential, commercial, and industrial uses. Adjacent properties include mixed-use buildings, several residential buildings, office buildings, and warehouses, ranging from one to eight stories in height. The Site is located within an M1-4/R7A zoning district**,** which is part of the Special Mixed-Use District. This zoning permits light manufacturing, commercial, community facility, and residential uses, promoting a blend of uses consistent with the character of the surrounding area.

The surrounding land use is provided in Figure 2.

2.2 Description of Surrounding Property

North	Sackett Street, followed by a two-story warehouse (215 3rd Avenue), a one-story warehouse (597 Sackett Street), and a one-and two-story warehouse (615 Sackett Street)
South	Union Street, followed by a four-story mixed residential and commercial use building (251 3rd Avenue), four four-story walk-up buildings (570, 572, 578. and 580 Union Street), a one-story auto repair shop (576 Union Street),
West	Third Avenue, followed by a new nine-story mixed residential and commercial use building (585 Union Street)
East	One eight-story commercial hotel (628 Sackett Street and 625 Union Street)

The Site is bounded to the north by Sackett Street, followed by commercial and industrial warehouses; to the south by Union Street, followed by mixed residential, commercial, and industrial uses (i.e., auto repair shop); to the east by an eight-story commercial building; and to the west by Third Avenue, followed by a new nine-story mixed residential and commercial use building and additional commercial and mixed-use buildings.

The nearest ecological receptor is the Gowanus Canal, located approximately 250 feet west of the Site. Other sensitive receptors, as defined in DER-10, within a half mile of the Site include the following:

Educational Facilities:

- PS 372 The Children's School (512 Carroll Street, Brooklyn, NY 11215)
- Brooklyn Secondary School for Collaborative Studies (610 Henry Street, Brooklyn, NY 11231)
- PS 32 Samuel Mills Sprole School (317 Hoyt Street, Brooklyn, NY 11231)
- The Al Noor School (675 4th Avenue, Brooklyn, NY 11232)
- St. Agnes Academic School (433 Sackett Street, Brooklyn, NY 11231)

Childcare/Daycare Facilities:

- Beansprouts Nursery School (453 6th Avenue, Brooklyn, NY 11215)
- Rivendell School (277 3rd Avenue, Brooklyn, NY 11215)
- Good Shepherd Preschool (742 Carroll Street, Brooklyn, NY 11215)
- Park Slope North Child Development Center (255 4th Avenue, Brooklyn, NY 11215)

Parks and Recreational Areas:

- Thomas Greene Playground (Degraw Street & 3rd Avenue, Brooklyn, NY 11217)
- St. Mary's Playground (Smith Street & Nelson Street, Brooklyn, NY 11231)
- Carroll Park (Carroll Street & Court Street, Brooklyn, NY 11231)

2.3 Geology and Hydrogeology

The Site is located in the western portion of Brooklyn, New York, within the Paleozoic Hartland formation of bedrock at a depth of approximately 100 to 200 feet below grade surface. The ground surface elevation at the Site is approximately 18 feet above mean sea level (USGS 7.5-Minute Brooklyn, New York Quadrangle, 2013). The Site is situated in an area historically influenced by glacial activity, with surficial deposits consisting of fill material overlying native glacial and coastal plain sediments.

Based on the findings of the RI, a historic urban fill layer extending to a maximum of 15 feet below grade surface (bgs) was identified across most of the Site. The fill material predominantly consists of brick, concrete, and miscellaneous debris underlain by silty sand with varying amounts of fine- to coarse-grained gravel. The underlying soils generally consist of medium-dense silty sand with trace to some gravel and clay. Saturated conditions were observed at approximately 12 to 13 feet below grade underlain by medium-dense silty sand with some gravel from 15 feet to 21 feet, followed by intervals of lean clay, gravel, and organics.

According to a survey conducted by TS Land Surveying P.C., dated May 4, 2025, the surface elevation of the Site ranges from approximately 18.55 feet in the southwest portion to 20.09 feet in the central portion (in reference to North American Vertical Datum 1988).

Groundwater elevation beneath the Site ranged from approximately 6.13 feet (NAVD88) in MW-3 to 7.42 feet in MW-5 in 2025, and, based on recent gauging events, from approximately 4.55 feet in MW-3 to 6.78 feet in MW-5. Groundwater flow beneath the Site is generally towards the north-northwest. Regional groundwater flow is anticipated to be generally west-southwest towards the Gowanus Canal located approximately 900 feet west of the Site.

According to the United States Fish & Wildlife Service National Wetlands Inventory and the NYSDEC regulated wetlands map, there are no wetlands at or adjacent to the Site.

2.4 Redevelopment Plans

The proposed redevelopment includes the demolition of the current building at the Site, and construction of two 8-story mixed residential and commercial use buildings with full cellars. The north building will contain 40 apartments, approximately 5,000 gross square feet (GSF) of amenity use, and 4,500 GSF of retail space. The north building will include 13 mandatory inclusionary housing (affordable) apartments and 26 market-rate apartments. The south building will contain 87 apartments, with approximately 10,500 GSF of amenity use and 10,500 GSF of retail space. The south building will include 25 mandatory inclusionary housing (affordable) apartments and 61 market-rate apartments.

3.0 SITE HISTORY

3.1 Past Uses and Ownership

Based on the available records, including historic Sanborn fire insurance maps, city directory records, and other available documentation indicate that the Site has been developed and used for residential uses and commercial lumber yard between 1906 and 1926, parking and storage in 1940, industrial uses including machine shop, truck repair, and commercial offices between 1951 and at least 2003, a fuel company between 1994 and 2017, and truck parking and parking since 2003.

Both parcels of the Site were undeveloped as early as 1888. Lot 1 of the Site was developed with a lumber yard (Ross & Snyder), including one- and two-story lumber sheds located in the western portion between 1906 and 1926. The lumber yard operations continued between 1906 until at least 1950s. By 1951, Lot 1 was redeveloped as the current warehouse with a partial cellar, and utilized as offices, a machine shop, and a repair station for trucks and buses.

Lot 12 of the Site was developed with 4-story residential dwellings between 1906 and 1926. These structures were demolished, and a one-story warehouse was built at Lot 12 circa 1951. This structure was demolished sometime between 1965 and 1978, and remained vacant until 2003, when it was utilized as truck parking.

Potential releases from these former uses could have impacted the subsurface conditions beneath the Site.

According to the New York City Department of Finance's Automated City Register Information System (ACRIS), the ownership of the Site is vested in Union Street Owner LLC d/b/a 601 Union Street Owner, LLC (the Applicant) since December 24, 2024.

3.2 Previous Investigations

The following prior investigations were conducted at the Site:

Phase I Environmental Site Assessment at 601-607 Union Street, Brooklyn, New York by Athenica Environmental Services, July 2022

- Athenica Environmental Services, Inc. (Athenica) prepared this report on behalf of Aniska Realty I, LLC, in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment (ESA) Process.
- The following Recognized Environmental Conditions (RECs) were identified during the Phase I:
    - The presence of E-Designation for hazardous materials at the Site.
    - The historic industrial, manufacturing, auto repair, and fuel oil storage/handling uses of the Site.

- The historic and/or current industrial, automotive service, and gasoline station uses of the surrounding properties.
- Presence of open Spill #2009932 that was reported on March 9, 2021, approximately 50 feet west of the Site at 585 Union Street, where investigations identified contamination in soil and groundwater.
- Presence of an open Spill #9605719 that was reported on August 2, 1996, approximately 315 feet east of the Site at 204-222 4th Avenue, where investigations identified contamination in soil vapor and groundwater.
- The potential for vapor intrusion from Site operations, and off-Site properties with documented releases to soil vapor and groundwater.

It should be noted that the fish store and light manufacturing listed in the Phase I ESA Report is associated with another property and not the BCP site.

Phase II Investigation Report at 601-607 Union Street, Brooklyn, New York by Hydro Tech Environmental Engineering and Geology, DPC, September 2022

- Based on the review of available Phase I ESA Reports summarized above, Hydro Tech Environmental Engineering and Geology, DPC (Hydro Tech) recommended a Phase II Environmental Site Assessment to evaluate whether historic industrial operations had adversely impacted the subsurface conditions beneath the Site prior to redevelopment.
- A Phase II investigation consisting of a geophysical survey, installation and sampling of seventeen (17) soil borings, installation and sampling of eight (8) temporary groundwater monitoring wells, and the installation and sampling of two (2) soil vapor points, and six (6) sub-slab vapor points was conducted at the Site in September 2022.
- The subsurface materials were generally described as a layer of black silty sand with pebbles and crushed concrete or asphalt pieces from the surface down to 2-6 feet, underlain by brown and black silty sand with or without rocks and pebbles.
- The geophysical survey did not identify any anomalies or areas of concern indicative of underground storage tanks, except for the oil/water separator located in the existing building.
- Seventeen soil borings, SP-1 through SP-17, were installed to 12 feet bgs (i.e., groundwater table), and seventeen soil samples were collected to be analyzed at the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, Target Analyte List (TAL) Metals by EPA Method 6000/7000, Pesticides by EPA Method 8081, PCBs by EPA Method 8082. Four of the soil samples were analyzed for PFAS compounds using EPA Method 537, and 1,4-dioxane using EPA Method 8270SIM.

- No photoionization detector (PID) readings were detected in the soil samples, except for two soil borings: SP-10 at the 8-10 feet interval and SP-11 at the 10-12 feet interval, which were detected as 428.1 parts per million (ppm) and 465.1 ppm, respectively.
- Based on the field observations, the following soil samples were collected:

Sample ID	Sample Intervals
SP-1	8-10 feet bgs
SP-2	8-10 feet bgs
SP-3	10-12 feet bgs
SP-4	4-6 feet bgs
SP-5	6-8 feet bgs
SP-6	2-4 feet bgs
SP-7	0-2 feet bgs
SP-8	1-3 feet bgs
SP-9	1-3 feet bgs
SP-10	8-10 feet bgs
SP-11	10-12 feet bgs
SP-12	10-12 feet bgs
SP-13	10-12 feet bgs
SP-14	6-8 feet bgs
SP-15	6-8 feet bgs
SP-16	8-10 feet bgs
SP-17	4-6 feet bgs

  - VOCs in Soil:
    Acetone was detected in SP-15 (6'-8') at a concentration of 0.057 parts per million (ppm) exceeding its respective NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective (UUSCO) but below NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective (RRSCO). Chlorinated VOCs (CVOCs) including 1,4-dichlorobenzene (3.4 ppm) in SP-11 (10'-12') and methylene chloride (max. 5.1 ppm) in SP-1 (8'-10'), SP-2 (8'-10') and SP-6 (2'-4') were detected at concentrations exceeding their respective UUSCOs but below RRSCOs. Petroleum-related VOCs 1,2,4-trimethylbenzene (3.7 ppm), n-butylbenzene (25 ppm), n-propylbenzene, (max. 29 ppm), sec-butylbenzene (22 ppm) and total xylene (1.1 ppm) in SP-10 (8'-10') and SP-11 (10'-12') were detected at concentrations exceeding their respective UUSCOs but below RRSCOs. No other VOCs were detected in any of the soil samples at concentrations exceeding UUSCOs.

  - SVOCs in Soil:
    SVOCs, including acenaphthene (23.8 ppm), benzo(a)anthracene (max. 40.5 ppm), benzo(a)pyrene (max. 54.8 ppm), benzo(b)fluoranthene (max. 21 ppm),

benzo(k)fluoranthene (max. 28.2 ppm), chrysene (max. 43 mg/kg), dibenzo(a,h)anthracene (max. 4.41 ppm), fluoranthene (107 ppm), indeno(1,2,3 cd)pyrene (max. 24.9 ppm) and pyrene (183 ppm) were detected in SP-1 (8'-10'), SP-2 (8'-10'), SP-4 (4'-6'), SP-6 (2'-4'), SP-9 (1'-3'), SP-12 (10'-12'), SP-14 (6'-8'), SP-15 (6'-8') and SP-16 (8'-10') at concentrations exceeding their respective UUSCOs. Except acenaphthene, all these SVOCs were also detected in most of the samples exceeding their respective RRSCOs.

- Pesticides in Soil:
  No pesticides were detected in any of the soil samples at concentrations exceeding UUSCOs.

- PCBs in Soil:
  No PCBs were detected in any of the soil samples at concentrations exceeding UUSCOs.

- Metals in Soil:
  Metals including arsenic (max. 106 ppm), barium (max. 4,910 ppm), copper (max. 181 ppm), lead (max. 2,400 ppm), nickel (max. 451 ppm), silver (max. 7.08 ppm), zinc (max. 2,980 ppm), mercury (max. 47.1 ppm) and chromium trivalent (max. 109 ppm) were detected individually or collectively in all samples at concentrations exceeding their respective UUSCOs. Of these, arsenic in SP-3 (10'-12'), SP-7 (0-2'), SP-9 (1'-3'), SP-11 (10'-12'), SP-12 (10'-12') and SP-13 (10'-12'), barium in SP-6 (2'-4'), SP-7 (0-2'), SP-9 (1'-3'), and SP-12 (10'-12'), lead in SP-11 (10'-12'), and nickel in SP-9 (1'-3') exceed their respective RRSCOs.

- Emerging Contaminants in Soil:
  1,4-dioxane was not detected above its UUSCO in the samples it was analyzed for.

  Perfluorooctanoic acid (PFOA) in SP-4 (4'-6') was identified at a concentration of 1.62 ppm exceeding its respective UUSCO.

- Petroleum related VOCs were identified most abundant in deeper soil between 8 to 12 feet from the vicinity of the oil/water separator in the mid-northern portion of the existing building, which might be indicative of impact of leakage from the associated subgrade equipment.
- Several SVOCs and metals were detected in shallow and deep soil at concentrations exceeding UUSCOs. Several SVOCs and metals including arsenic, barium, lead, zinc and mercury also exceeded their respective RRSCOs. Lead and mercury also exceeded

their respective PGWSCOs. Although the presence of the PAHs and the metals were attributed to the presence of urban fill material beneath the Site during the 2022 Phase II, the presence of elevated concentrations of metals could be attributed to historic Site operations.

- Groundwater was encountered at a range of approximately 12.3 feet to 13.75 feet below grade.
- During the initial investigation in 2022, eight temporary monitoring wells were installed, and eight groundwater samples were collected to be analyzed for the presence of TCL VOCs via USEPA Method 8260, TCL SVOCs via USEPA Method 8270, Target Analyte List (TAL) Metals by EPA Method 6000/7000, Pesticides by EPA Method 8081, PCBs by EPA Method 8082, PFAS compounds vie EPA Method 537, and 1,4-Dioxane by EPA Method 8270SIM. These groundwater samples were collected from temporary groundwater wells in 2022, and their results are considered non-representative of subsurface groundwater conditions at the Site and therefore, will not be included in the evaluation of the remedial data.

    - <u>VOCs in Groundwater:</u>
      One petroleum related-VOC, benzene was detected in MW-7 (6.21 ppb) at a concentration exceeding its GQS. No other VOCs were detected in any of the groundwater samples at concentrations exceeding their respective GQS.

    - <u>SVOCs in Groundwater:</u>
      SVOCs including benzo(a)anthracene (max. 0.36 ppb), benzo(a)pyrene (max. 0.19 ppb), benzo(b)fluoranthene (max. 0.16 ppb), benzo(k)fluoranthene (max. 0.17 ppb), chrysene (max. 0.37 ppb) and indeno(1,2,3-cd) pyrene (max. 0.1 ppb) were detected MW-2 through MW-4, MW-7 and MW-8 at concentrations exceeding their respective GQS. No other SVOCs were detected in any of the groundwater samples at concentrations exceeding their respective GQS.

    - <u>Pesticides in Groundwater:</u>
      No pesticides were detected at concentrations exceeding their respective GQS.

    - <u>PCBs in Groundwater:</u>
      No PCBs were detected in any samples.

    - <u>Metals in Groundwater:</u>
      Total metals barium (max. 20,200 ppb), chromium (max. 1,480 ppb), copper (max. 8,790 ppb), lead (max. 52,700 ppb), magnesium (max. 232,000 ppb), manganese (max. 20,200 ppb), nickel (max. 1,550 ppb), Sodium (max. 735,000 ppb), zinc (max. 58,400 ppb), antimony (max. 32.7 ppb), arsenic (max. 4,090

ppb), beryllium (max. 20.2 ppb), cadmium (max. 220 ppb) and selenium (max. 2,040 ppb) were detected at concentrations exceeding their respective GQS.

Dissolved metals barium (max. 3,170 ppb), chromium (max. 339 ppb), copper (213 ppb), lead (max. 9,230 ppb), magnesium (max. 146,000 ppb), manganese (max. 12,100 ppb), nickel (max. 1,990 ppb), sodium (max. 938,000 ppb), zinc (max. 11,700 ppb), antimony (max. 11.3 ppb), and beryllium (max. 136 ppb) exceeded their respective GQS in part of or all groundwater samples.

- Emerging Contaminants in Groundwater:
  1,4-Dioxane was detected in MW-6 at a concentration of 1.54 ppb, which exceeds its NYSDEC Guidance Value.

  Several PFAs were detected in all groundwater samples including 1H,1H,2H,2HPerfluorooctanesulfonic acid (6:2 FTS), Perfluorobutanesulfonic acid (PFBS), Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluoro-nbutanoic acid (PFBA), Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA) and Perfluoropentanoic acid (PFPeA). The concentrations of PFOS (max. 0.042 ppb) in both MW-5 and MW-7 and PFOA (max. 0.070 ppb) in all groundwater samples with the exception of MW-8 were detected at concentrations exceeding their respective NYSDEC Guidance Values. No notable levels of chlorinated VOCs were observed in the soil. Petroleum-related VOCs and CVOCs were detected in groundwater marginally exceeding their respective regulatory standards but none of the exceedances should be indicative of spills or significant impact from historic use of the Site for auto repair.

- The presence of SVOCs and dissolved metals in the groundwater beneath the Site was attributed to regional groundwater quality or urban fill during the 2022 Phase II.
- During the 2022 Phase II ESA, two soil vapor points were installed to 10 feet, and six sub-slab vapor points were installed 3 inches below the existing building slab, and two soil vapor samples, and six sub-slab vapor samples were collected to be analyzed for VOCs via EPA Method TO-15.
  - Results showed total VOC concentrations range from 109.7 ug/m^3 in SSB-4 to 2,141.7 ug/m^3 in SSB-6. Chlorinated VOCs including 1,1-dichloroethane (3.9 ug/m^3), chloroethane (0.44 ug/m^3), chloroform (max. 4.2 ug/m^3), chloromethane (max. 2.3 ug/m^3), cis-1,2-dichloroethylene (max. 7.2 ug/m^3), dichlorodifluoromethane (max. 2.1 ug/m^3), methylene chloride (max. 5.2 ug/m^3), tetrachloroethylene (PCE) (max. 550 ug/m^3), trans-1,2-dichloroethylene (2.2 ug/m^3), trichloroethylene (TCE) (max. 240 ug/m^3) and trichlorofluoromethane (freon 11) (max. 1.2 ug/m^3) were detected individually or collectively in all vapor samples.

- Petroleum related VOCs including BTEX compounds (benzene, toluene, ethyl benzene and xylenes) and their derivatives were commonly detected in all vapor samples. The total concentration of BTEX compounds range from 13 ug/m^3 in SV-1 to 152.1 ug/m^3 in SSB-3.
- Chlorinated solvents such as PCE and TCE were identified in soil vapor and sub slab vapor at concentrations requiring mitigation as per the NYSDOH Decision Matrix. Since these VOCs were not identified in soil at elevated concentrations, Hydro Tech determined that the presence of CVOCs in soil vapor is likely attributed to an off-Site source.

The soil data of the 2022 Phase II ESA was validated. Therefore, the soil results of the 2022 Phase II are incorporated into this RI. Tables 3B through 8B and Table 18B provide the results of the 2022 Phase II ESA. Figure 5 includes the exceedances in soil. Figure 8 shows the detections in soil vapor. Since the groundwater samples were collected via temporary monitoring wells and were not available for resampling at the time of the RI, the groundwater results from 2022 are not considered usable.

Copies of the previous reports are provided as Appendix A. All prior reports have been previously submitted to NYSDEC and NYSDOH and can be found in the document repositories, which includes this RIR, as well as the following repository link: https://extapps.dec.ny.gov/data/DecDocs/C224392/.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI included the following scope of work from July 1, 2025 through July 16, 2025:

1. Geophysical survey to locate unidentified underground storage tanks (USTs) and identify utilities in the vicinity of the boring locations,
2. Installation of fourteen (14) soil borings to 15 feet bgs across the Site and collection of thirty-two (32) soil samples and additional quality assurance /quality control (QA/QC) samples,
3. Installation of six (6) soil borings to 20-30 feet bgs across the Site and collection of fifty-two (52) soil samples for delineation purposes,
4. Installation of eight (8) monitoring wells and collection of eight (8) groundwater samples from the newly installed onsite wells, the collection of two (2) groundwater samples from existing monitoring wells in the adjacent sidewalks, and additional QA/QC samples, and
5. Installation of five (5) soil vapor points and collection of five (5) soil vapor samples including one duplicate soil vapor sample, installation of one sub-slab vapor point and collection of one (1) sub-slab soil gas sample, and collection of one co-located indoor air sample.

A Supplemental Groundwater Sampling Event included the following scope of work on February 12, 2026 and February 16, 2026:

1. Gauging of all accessible monitoring wells at different times of the day, and
2. Collection of confirmation samples from three monitoring wells for metals analysis.

A summary of the construction details for soil borings, groundwater monitoring wells, soil vapor points are provided in Table 1. The locations of all soil borings, groundwater monitoring wells and soil vapor points from the RI are shown on Figure 3.

4.1 Geophysical Investigation

Prior to intrusive sampling, a geophysical survey was conducted by Coastal Environmental Solutions (Coastal) Medford, New York on July 1, 2025. The purpose of the geophysical surveys was to identify anomalies indicative of potential USTs, locate buried utilities, and clear boring locations prior to intrusive drilling. Coastal utilized a ImpulseRadar PinPointR UWB GPR which utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame; a vLoc3-Pro Receiver which is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source; and a TW-6 Pipe and Cable Locator which

is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle. A copy of the geophysical report is provided in Appendix B.

4.2 Soil Investigation

4.2.1 Soil Boring Installation

Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York was retained to install a total of 14 soil borings across the Site between July 1, 2025, and July 16, 2025. Soil borings (25SB-1 through 25SB-14) were installed to 15 feet below grade utilizing direct push Geoprobe® 6011DT or Geoprobe® 420M drill rigs.

Figure 3 shows the location of soil borings installed during the RI. Soil boring logs are provided in Appendix C. Figures 9 and 10 show the geologic cross-sections of soil borings installed during the RI.

4.2.1.1 Supplemental Boring Installation

During the same mobilization as RI in July 2025, a waste characterization sampling event was conducted to pre-determine soil disposal facilities for the future remedial excavation. Based on the elevated concentrations of metals, including hazardous concentrations of lead, identified during the waste characterization sampling, a supplemental delineation sampling event was conducted in August 2025. At which time, soil borings were advanced to depths between 20 and 30 feet below grade surface to determine the clean soil elevation at the Site for remedial alternatives analysis.

Select soil borings, 25SB-4X, 25SB-5X, 25SB-6X, 25SB-9X, and 25SB-10X were installed to 30 feet below grade and 25SB-11X was installed to 20 feet below grade utilizing direct push Geoprobe® 6011DT for vertical delineation at their original locations (25SB-4, 25SB-6, 25SB-6, 25SB-9, 25SB-10, and 25SB-11). Samples were collected at 1-foot or 2-foot intervals at these locations.

Figure 3 shows the location of soil borings installed during the RI. Soil boring logs are provided in Appendix C.

4.2.2 Soil Sampling

Soil samples were collected continuously into 5-foot-long acetate sleeves. Continuous soil samples were collected from each boring and field screened for presence of VOCs with a photoionization detector (PID) and were inspected for visual and olfactory evidence of contamination. Generally, elevated PID readings were not identified during this RI. However, the highest PID reading was 50 parts per million (ppm) in 25SB-1 at a depth of 9 feet bgs. An extra soil sample was collected from this depth.

Two or three samples were collected from each soil boring. A total of 32 soil samples and two matrix spike/matrix spike duplicate (MS/MSD) samples were collected for chemical analysis during the RI. At the RI boring locations, one soil sample was collected from the

surface fill layer at 0 to 2 feet bgs and one sample was collected from immediately above the groundwater table. Additionally, a third, intermediate depth sample was collected from 25SB-4 and 25SB-14. Based on field observations, a third sample was also collected from 25SB-1 and 25SB-6.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross-contamination. VOC samples were collected via a dedicated one-time use 5g Terra-core sampler tool provided by the laboratory for each sample. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4 °C), and submitted to Pace Analytical Services, Inc. (Pace) of Westborough, MA, under proper chain of custody procedures.

Approximate corresponding datum depths are as follows:

Sample ID	Sample Intervals
25SB-1	0-2 feet bgs, 9-11 feet bgs, 12-13 feet bgs
25SB-2	0-2 feet bgs, 12-13 feet bgs
25SB-3	0-2 feet bgs, 12-13 feet bgs
25SB-4	0-2 feet bgs, 7-9 feet bgs, 12-13 feet bgs
25SB-5	0-2 feet bgs, 11-12 feet bgs
25SB-6	0-2 feet bgs, 7-9 feet bgs, 11-12 feet bgs
25SB-7	0-2 feet bgs, 12-13 feet bgs
25SB-8	1-3 feet bgs, 11-12 feet bgs
25SB-9	0-2 feet bgs, 11-12 feet bgs
25SB-10	0-2 feet bgs, 11-12 feet bgs
25SB-11	0-2 feet bgs, 11-12 feet bgs
25SB-12	0-2 feet bgs, 11-12 feet bgs
25SB-13	0-2 feet bgs, 11-12 feet bgs
25SB-14	0-2 feet bgs, 7-9 feet bgs, 11-12 feet bgs
MS/MSD Samples	25SB-5 from 0-2 feet bgs

Soil samples were analyzed at NYSDOH ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, polychlorinated biphenyls (PCBs) by EPA Method 8082, Target Analyte List (TAL) metals including mercury by EPA Methods 6010 and 7471, 1,4-dioxane by EPA Method 8270SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633. Based on the results, the soil samples with total lead concentrations over 100 ppm were also analyzed for TCLP lead, and the soil samples with total mercury concentrations over 3 ppm were also analyzed for TCLP mercury.

4.2.2.1 Supplemental Soil Sampling

Soil samples were collected continuously into 5-foot-long acetate sleeves. Continuous soil samples were collected from each boring and field screened for presence of VOCs with a

photoionization detector (PID) and were inspected for visual and olfactory evidence of contamination. No elevated PID readings were not identified during this sampling.

Samples were collected at 1-foot or 2-foot intervals between 0 (surface grade) and 30 feet in 25SB-4X, 25SB-5X, 25SB-6X, 25SB-9X, 25SB-10X, and between 0 (surface grade) and 20 feet in 25SB-11X due to a lack of recovery. A total of 55 soil samples were collected for chemical analysis during the RI. Of these, 45 soil samples were activated for total and TCLP lead, and total and TCLP mercury. Furthermore, of the 45 soil samples, three soil samples were activated for SVOCs based on the results.

Approximate corresponding datum depths are as follows:

Sample ID	Boring Depth (feet)	Original RI Sampling Depths (feet)	Delineation Sampling Intervals (feet)
25SB-4X	30	0-2', 7'-9', 12'-13'	6'-7', 7'-8', 9'-10', 13'-15', 15'-17', 17'-19', 19'-21', 21'-23', 23'-25', 25'-27', 27'-29', 29'-30'
25SB-5X	30	0-2', 11'-12'	12'-14', 14'-16', 16'-18', 18'-20', 22'-24', 24'-26', 26'-28', 28'-30'
25SB-6X	30	0-2', 7'-9', 11'-12'	6'-7', 9'-10', 12'-14', 14'-16', 16'-18', 18'-20', 22'-24', 24'-26', 26'-28', 28'-30'
25SB-9X	30	0-2', 11'-12'	2'-4', 4'-6', 6'-8', 8'-10', 10'-12', 12'-14', 16'-18', 18'-20', 24'-26', 26'-28', 28'-30'
25SB-10X	30	0-2', 11'-12'	7'-8', 12'-14', 14'-16', 16'-18', 18'-20', 20'-22', 24'-26', 26'-28', 28'-30'
25SB-11X	20	0-2', 11'-12'	7'-8', 12'-14', 14'-16', 16'-18', 18'-20'

Note: Activated samples are underlined.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross-contamination. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4 °C), and submitted to Pace Analytical Services, Inc. (Pace) of Westborough, MA, under proper chain of custody procedures.

4.3 Grossly Contaminated Media Investigation

Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York was retained to install two deep soil borings: GCM-1 and GCM-2 at the Site using a Sonic Drill Rig SRS ML 120 DUO on June 12, 2025 and July 14, 2025 to investigate the Site for the presence of Grossly Contaminated Material (GCM) as required by the NYSDEC. GCM is defined by NYSDEC in 6NYCRR Part 375-1.2(u) as "soil, sediment, surface water or groundwater which contains sources or substantial quantities of mobile contamination in the form of NAPL, as defined in

subdivision 375-1.2 (ac), that is identifiable either visually, through strong odor, by elevated contaminant vapor levels or is otherwise readily detectable without laboratory analysis".

GCM-1 and GCM-2 were advanced to a minimum depth of 90 feet below ground surface (bgs). An interval of no recovery was observed in GCM-2 from 30 to 40 feet bgs. No samples were collected from these borings as no evidence of GCM impacts was observed.

The soil lithology generally consisted of historic fill in a dark brown to gray silty sand matrix from grade surface to varying intermediate depths (down to 15 feet) followed by a peat layer with roots and organics from 25 to 27.5 feet bgs, followed by a saturated loose gray clay to approximately 60 feet which transitioned to brown fine to medium silty sand at 60 feet bgs and graded into a brown fine to medium sand from 75 feet bgs to the terminal depth of the boring at 90 feet bgs. Bedrock was not encountered in either boring.

4.4 Groundwater Investigation

4.4.1 Monitoring Well Installation

Eight (8) permanent groundwater monitoring wells designated as 25MW-1 through 25MW-8 were installed across the Site between July 2 and July 8, 2025. Six (6) of these monitoring wells were installed via a direct push Geoprobe® 6011DT drill rig to approximate maximum depths of 20 feet bgs. The remaining two monitoring wells (25MW-4 and 25MW-5) were installed with a limited-access direct-push Geoprobe® 420M drill rig to approximately 17.5 and 16.5 feet bgs, respectively. The monitoring wells were constructed of polyvinyl chloride (PVC) and had a 10-foot well screen set at various terminal depths. The groundwater monitoring wells, along with two existing off-site monitoring wells in the adjacent sidewalks, were sampled on July 14, 15, and 16, 2025.

The following in-text table shows the construction of the monitoring wells installed during this RI.

Installed Monitoring Well Construction Information

Monitoring Well ID	TOC** Elevation (NAVD88)	Depth to Water*	Groundwater Elevation (NAVD88)	Bottom of Screen *	Top of Screen *	Total Screen Depth *
25MW-1	18.97	12.60	6.37	19.20	9.20	10
25MW-2	19.12	12.48	6.64	18.80	8.80	10
25MW-3	19.35	13.22	6.13	19.20	9.20	10
25MW-4	21.69	15.28	6.41	17.46	7.46	10
25MW-5	20.14	12.72	7.42	16.50	6.50	10
25MW-6	19.37	13.15	6.22	19.02	9.02	10
25MW-7	19.10	12.52	6.58	19.25	9.25	10
25MW-8	19.52	12.63	6.89	19.21	9.21	10

* All measurements above are in feet from grade level.

**TOC: Top of Casing

*** The measurements on the table are from August 2025.

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

All monitoring wells were developed following installation, using a submersible pump, until the water was clear and the turbidity was less than 50 Nephelometric Turbidity Units (NTUs). Monitoring wells were gauged and surveyed by Montrose Surveying Co. LLP. Groundwater elevations ranged from el. 6.13 feet North American Vertical Datum 1988 (NAVD88) in MW-3 to el. 7.42 feet (NAVD88) in MW-5 in August 2025. During the February 2026 gauging events, it ranged from el. 4.55 feet (NAVD88) in MW-3 to el. 6.78 feet (NAVD88) in MW-5 as described below.

4.4.2 Groundwater Sampling

One groundwater sample was collected from each of the eight on-Site and two off-Site monitoring wells (a total of ten), utilizing USEPA low-flow groundwater sampling techniques one week after well development. The groundwater monitoring wells were purged approximately three well volumes prior to sampling, utilizing a peristaltic pump. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity, were measured during purging, except for monitoring wells MW-4, MW-8, B8DW, and B10D. A slow recharge condition was identified in these wells; therefore, three well volumes were purged from MW-8, B8DW, and B10D via a dedicated bailer prior to sampling. The tubing was changed between each monitoring well to prevent cross-contamination, and the low-flow sampling equipment was cleaned with Alconox and distilled water. Samples were collected with a peristaltic pump with dedicated high-density polyethylene tubing. Groundwater samples were placed into laboratory-supplied glassware and stored in a chilled cooler (4^{o}C), and submitted to Pace of Westborough, MA, under proper chain of custody procedures.

Groundwater samples collected at groundwater interface were submitted to Pace, an ELAP certified laboratory, for analysis for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, herbicides via EPA Method 8151, PCBs by EPA Method 8082, and TAL metals including mercury (total and dissolved) via EPA Method 6010 and 7471, 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633, and 1,4-dioxane via 8270SIM.

4.4.2.1 Supplemental Groundwater Sampling

At the request of the NYSDEC, a confirmatory groundwater sampling was conducted for metals analysis at three groundwater monitoring well locations. On February 12, 2026, groundwater monitoring wells 25MW-4 and 25MW-5 were sampled for total and dissolved metals, and on February 16, 2026, 25MW-7 was sampled for total and dissolved metals including mercury (total and dissolved) via EPA Method 6010 and 7471.

4.4.3 Groundwater Gauging

On February 12 and 16, 2026, additional gauging of groundwater monitoring wells was conducted. On-Site groundwater monitoring wells 25MW-3, 25MW-4, 25MW-5, and off-Site groundwater monitoring wells B10D and B8DW were gauged on February 12, 2026, with an interface probe at 12:00 and again at 16:00. Due to snow cover across the entire Site, not all groundwater wells could be located. Vektor returned on February 16, 2026, and gauged all on-Site and off-Site wells with an interface probe at 08:30 and again at 13:50, except for 25MW-2, 25MW-6, and 25MW-8, which appeared to be clogged or damaged due to recent demolition activities.

All groundwater monitoring wells were surveyed to a common datum on July 16, 2025. A groundwater contour map showing groundwater flow direction is provided in Figure 4. Groundwater sampling logs are provided in Appendix E.

4.5 Soil Vapor Investigation

4.5.1 Soil Vapor Point Installation

Four soil vapor probes (25SV-1, 25SV-2, 25SV-3, and 25SV-4) were installed via Geoprobe® 6011DT and Geoprobe® 420M direct push-probe drill rigs at approximately 10 feet bgs. One duplicate soil vapor sample (25DUP-1) was collected at soil vapor probe location 25SV-2. A sub-slab soil gas sample point was also installed within the interior of the building on the Site.

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

4.5.2 Soil Vapor Sampling

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers during the sampling events on July 8, 2025. One indoor air sample was collected at breathing height over an 8-hour sampling period concurrently with the soil vapor samples. Additionally, one sub-slab soil gas sample was collected concurrently with the soil vapor and indoor air samples. Flow controllers were set to not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters

before and after the sample collection. The vapor samples were submitted to Pace of Westborough, MA, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15.

Soil vapor, sub-slab vapor, and indoor air sampling locations are shown in Figure 3. Soil vapor sampling logs are included in Table 2A.

4.6 Quality Assurance / Quality Control Sampling

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

Soil QA/QC Samples

- Three trip blanks: Trip Blank (7/1/2025), Trip Blank (7/2/2025), and Trip Blank (7/8/2025)
- Two MS/MSD samples: 25SB-5(0-2) MS & 25SB-5(0-2) MSD

Groundwater QA/QC Samples

- Three field blank samples: 5FB-1 (7/14/2025), FB-2.12.26 and FB-2.16.26
- Two trip blank samples: Trip Blank (7/14/2025) and Trip Blank (7/16/2025)
- One Duplicate Sample: 25MW-5 DUP

Soil Vapor QA/QC Samples

- One field duplicate soil vapor sample: 25DUP-1 (25SV-2)

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

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

Field blank samples were collected to determine the effectiveness of the decontamination procedures for the groundwater sampling equipment train and the cleanliness of unused

nitrile gloves and acetate liners used to collect soil samples. Field blank samples consisted of deionized, distilled water provided by the laboratory that has passed through the sampling.

4.7 Reporting

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

4.8 Community Air Monitoring Program

Air monitoring was conducted to characterize any personnel exposures and fugitive emissions generated from the performance of the investigation activities. Air monitoring was performed in accordance with the Community Air Monitoring Program (CAMP)/Health and Safety Plan (HASP) prepared for this investigation.

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

4.9 Data Validation

Laboratory reports included ASP Category B deliverables for use in the preparation of a data usability report (DUSR). All analyses were reported using NYSDEC ASP Category B deliverables. Laboratory data for all media (soil, groundwater, soil vapor) during the RI were validated by Alpha Geoscience, a third-party validator. The soil results from the 2022 Phase II were also validated by Alpha Geoscience. The DUSRs are applicable to all samples collected during the RI. Refer to Section 5.7 for further details.

4.10 Investigation Derived Waste

Investigation-derived wastes (IDW) generated during the RI were containerized as necessary. Aqueous waste from monitoring well development, purging, and decontamination water was placed into DOT-approved 55-gallon steel drums with sealed tops. The IDW in the drums was sampled in February 2026, and will be transported off-Site by a licensed waste hauler and disposed of at a permitted facility

5.0 REMEDIAL INVESTIGATION RESULTS

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

Soil results are compared to the 6 NYCRR Part 375 Unrestricted Use SCOs and Restricted Residential Use SCOs.

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

Soil vapor, sub-slab vapor, and air results were reviewed in conjunction with groundwater and soil data.

5.1 Fish and Wildlife Remedial Impact Analysis

The Site provides no wildlife habitat or food value. There are no natural waterways, wetlands, resources, or critical habitats of endangered species present on or adjacent to the Site. The Site was evaluated in accordance with the Fish and Wildlife Resources Impact Analysis (FWRIA) Decision Key provided in DER-10, Appendix 3C, to determine if an FWRIA was required. It was determined that an FWRIA was not required.

5.2 Geological and Hydrogeological Conditions

5.2.1 Stratigraphy

Based on the findings of the RI, a historic urban fill layer extending to a maximum of 15 feet below grade surface (bgs) was identified across most of the Site. The fill material predominantly consists of brick, concrete, and miscellaneous debris underlain by silty sand with varying amounts of fine- to coarse-grained gravel. The underlying soils generally consist of medium-dense silty sand with trace to some gravel and clay. Saturated conditions were observed at approximately 12 to 13 feet below grade underlain by medium-dense silty sand with some gravel from 15 feet to 21 feet, followed by intervals of lean clay, gravel and organics. Bedrock was not encountered during the RI.

5.2.2 Hydrogeology

Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface probe. The interface probe can measure depths to water to 0.01 inch. No free product was observed within any of the monitoring wells. Ground surface elevation is relatively level at the Site, ranging from approximately 18.55 feet (NAVD88) in the southwest portion to 20.09 feet (NAVD88) in the central portion. Average depth to groundwater was observed as 6.58 feet (NAVD88) during the RI in 2025. A second and third gauging events were conducted in February 2026 at the Site. Average depth of groundwater was observed

at el. 6.04 feet (NAVD88) in February 2026. Based on the findings of the RI synoptic groundwater gauging events in February 2026, groundwater beneath the Site generally flows from southwest to north-northwest.

Although the regional groundwater flow direction is generally expected to be toward the southwest in the direction of the Gowanus Canal, the groundwater elevations measured at the Site shows a localized deviation. This condition is likely attributable to anthropogenic influences, including construction dewatering systems and ongoing remediation efforts in the surrounding area, which may be locally altering the hydraulic gradient.

A table of water level data for all monitoring wells is included in Table 1B. A map of groundwater level elevations with groundwater contours is shown in Figure 4.

5.3 Geophysical Investigation Findings

No anomalies or areas of concern indicative of potential USTs during the geophysical survey.

The geophysical survey report is provided in Appendix B.

5.4 Soil Results

Figure 3 provides the soil boring locations. Figures 5 and 6 provide a summary of soil exceedances. The data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 3A through 8A, and Tables 9, and 10. Laboratory analytical deliverables for soil samples are provided in Appendix G, H, and I.

5.4.1 Soil Chemistry (RI)

Soil results were compared to the NYSDEC Part 375 Unrestricted Use SCOs (UUSCOs) and Restricted Residential Use SCOs (RRSCOs). Compounds detected in groundwater above the AWQS were compared to the Protection of Groundwater SCOs (PGWSCOs). Emerging contaminant results were compared to the guidance values as established in the NYSDEC Guidance Document for Part 375 Remedial Programs.

No visual or olfactory evidence of petroleum or chemical impacts were observed during the RI.

Volatile Organic Compounds

No VOCs were detected above Unrestricted Use SCOs with the exception of acetone (max. of 0.27 ppm), which was detected above its UUSCO of 0.05 ppm in eight soil samples, and 2-butanone (0.28 ppm), which was detected above its UUSCO of 0.12 ppm in one soil sample 25SB-6 (11'-12'). Acetone, which is a common laboratory artifact, was detected in several samples at low concentrations.

Semi-Volatile Organic Compounds

Eleven SVOCs, 2-methylphenol, 3-methylphenol/4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene,

dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, and phenol were detected at concentrations exceeding their respective UUSCOs. Of these, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, ad indeno(1,2,3-cd)pyrene also exceeded their respective RRSCOs. Furthermore, four SVOCs, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene also exceeded their respective PGWSCOs in twenty of the soil samples. The table below provides concentration ranges of these exceedances.

SVOCs	Minimum Detected Concentration > SCOs		Maximum Detected Concentration> SCOs		UUSCO (ppm)	RRSCO (ppm)	PGWSCO (ppm)
2-Methylphenol	0.48	25SB-7 (12'-13')	0.48	25SB-7 (12'-13')	0.33	100	N/A
3-Methylphenol/ 4-Methylphenol	0.62	25SB-4 (12'-13')	2.5	25SB-9 (0-2')	0.33	100	N/A
Acenaphthene	34	25SB-12 (11'-12')	34	25SB-12 (11'-12')	20	100	N/A
Benzo(a)anthracene	**1**	25SB-5 (0-2')	**20**	25SB-7 (12'-13')	1	1	**1**
Benzo(a)pyrene	**1**	25SB-5 (0-2'), 25SB-7 (0-2')	**20**	25SB-11 (0-2')	1	**1**	22
Benzo(b)fluoranthene	**1.1**	25SB-3 (0-2'), 25SB-4 (7'-9')	**22**	25SB-7 (12'-13')	1	**1**	**1.7**
Benzo(k)fluoranthene	0.88	25SB-3 (12'-13')	**5.6**	25SB-4 (0-2')	0.8	**3.9**	1.7
Chrysene	**1.1**	25SB-4 (7'-9), 25SB-5 (0-2'), 25SB-7 (0-2')	**20**	25SB-7 (12'-13')	1	**3.9**	**1**
Dibenzo(a,h) anthracene	**0.39**	25SB-6 (7'-9')	**2.4**	25SB-7 (12'-13')	0.33	**0.33**	N/A
Indeno(1,2,3-cd)pyrene	**0.59**	25SB-12 (0-2')	**12**	25SB-11 (0-2')	0.5	**0.5**	N/A
Naphthalene	31	25SB-10 (11'-12')	44	25SB-12 (11'-12')	12	100	N/A
Phenol	0.53	25SB-7 (12'-13')	0.53	25SB-7 (12'-13')	0.33	100	N/A

- All concentrations are reported in parts per million (ppm).
- N/A: Not applicable since the compound was not detected in groundwater above AWQS.
- Underscored concentrations are above UUSCOs.
- **Bold concentrations are above RRSCOs.**
- **Underscored and bold concentrations are above PGWSCOs**

Pesticides

One pesticide, 4,4'-DDT (0.00384 ppm), was detected at a concentration slightly exceeding its respective UUSCO (0.0033 ppm) but below its RRSCO in one soil sample 25SB-5 (0-2'). No other pesticides were detected in the soil samples above laboratory reporting limits.

Herbicides

No herbicides were detected in the soil samples above laboratory reporting limits.

Polychlorinated Biphenyls

PCBs were not detected in any of the soil samples.

Metals

One or more of up to nine metals, including arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium, and zinc, were detected at concentrations exceeding their respective UUSCOs in all soil samples. Of these, arsenic, barium, lead, and mercury also exceeded their respective RRSCOs in 27 soil samples. The table below provides concentration ranges of these exceedances.

Contaminant	Minimum Detected Concentration > SCOs		Maximum Detected Concentration > RRSCOs		UUSCO (ppm)	RRSCO (ppm)
Arsenic	14.1	25SB-12 (0-2')	**35.2**	25SB-13 (0-2')	13	**16**
Barium	**418**	25SB-7 (12'-13')	**1270**	25SB-14 (0-2')	350	**400**
Cadmium	3.62	25SB-10 (0-2')	3.62	25SB-10 (0-2')	2.5	4.3
Copper	57.4	25SB-13 (0-2')	181	25SB-6 (11'-12')	50	270
Lead	97.2	25SB-9 (11'-12')	**10000**	25SB-4 (12'-13')	63	**400**
Mercury	0.324	25SB-1 (0-2')	**9.05**	25SB-1 (12'-13')	0.18	**0.81**
Nickel	35.2	25SB-9 (11'-12')	40.3	25SB-10 (0-2')	30	310
Selenium	5.97	25SB-9 (0-2')	17.3	25SB-7 (12'-13')	3.9	180
Zinc	109	25SB-8 (1'-3')	898	25SB-10 (0-2')	109	10000

- All concentrations are reported in parts per million (ppm).
- Underscored concentrations are above UUSCOs.
- **Bold concentrations are above RRSCOs.**

Emerging Contaminants

1,4-dioxane were not detected in any of the soil samples above laboratory reporting limits or SCOs.
PFAS compounds were not detected in any of the soil samples above UUSCOs.

5.4.1.1 Soil Delineation Chemistry

Due to the high lead and mercury concentrations identified in soil samples, a supplemental delineation sampling event was conducted. Borings were installed in the central north, northwest, southwest, northern, central and southern portions of the Site to horizontally and vertically delineate these heavy metals. Before the delineation event, the soil samples with

total lead concentrations over 100 ppm were activated for TCLP lead, and the soil samples with total mercury concentrations over 3 ppm were activated for TCLP mercury.

Based on the results, no hazardous concentrations of mercury were identified in any of the soil samples. However, hazardous concentrations of lead were identified in five soil borings. The table below provides concentration ranges of these exceedances.

Metals	Minimum Detected Concentration > SCOs		Maximum Detected Concentration> SCOs		UUSCO (ppm)	RRSCO (ppm)	EPA TCLP Level (mg/L)
Total Lead	76.8	25SB-11X (18'-20')	**10000**	25SB-4 (12'-13')	63	**400**	N/A
TCLP Lead	**5.47**	25SB-6 (7'-9')	**99.1**	25SB-11 (11'-12')	N/A	N/A	**5**
Total Mercury	0.576	25SB-9 (0-2')	**9.05**	25SB-1 (12'-13')	0.18	**0.81**	N/A
TCLP Mercury	-	-	-	-	N/A	N/A	0.2

Once the metals delineation was completed at approximately 28 feet bgs, the three borings that showed SVOCs exceedances during the initial RI were activated for SVOCs to complete the vertical delineation. No SVOCs were detected above UUSCOs in 25SB-4X (29'-30'), 25SB-6X (26'-28'), or 25SB-10X (28'-30').

Summary of Soil Analytical Results

- Thirty-two (32) soil samples, and a set of MS/MSD samples were analyzed for full-suite TCL analysis during the RI, forty-five (45) soil samples were analyzed for TCLP lead and/or TCLP mercury, and three soil samples were analyzed for TCL SVOCs.
- Two VOCs, acetone and 2-butanone, were detected above UUSCOs. Acetone is a common laboratory artifact and was detected in several samples at low concentrations. 2-Butanone was detected slightly above its UUSCO in one soil sample 25SB-6 (11-12) located in the northern portion of the Site. No VOCs were detected above RRSCOs.
- Eleven SVOCs were detected above UUSCOs. Of these, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene also exceeded their respective RRSCOs, and four SVOCs, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene also exceeded their respective PGWSCOs in twenty soil samples between grade and 13 feet across the Site.
- One pesticide, 4,4'-DDT, was detected slightly exceeding its respective UUSCO but below its RRSCO in one shallow soil sample, 25SB-5 (0-2') located in the southwestern portion of the Site.

- No PCBs, PFAS, or1,4-dioxane were detected above regulatory standards in soil samples.
- One or more of up to nine metals, including arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium, and zinc, were detected at concentrations exceeding their respective UUSCOs in all soil samples. Of these, arsenic, barium, lead, and mercury also exceeded their respective RRSCOs in 27 soil samples across the Site.
- Hazardous concentrations of lead were identified in 13 soil samples extending to 12 feet across the Site.
- Soil results showed no exceedances of UUSCOs at approximately 28 feet below grade surface.

5.5 Groundwater Results

Figure 3 provides the monitoring well locations installed and/or sampled during the RI. Figure 7 provides a summary of groundwater exceedances identified during the RI. A summary table of data for chemical analyses performed on groundwater samples are included in Tables 11 through 16. Laboratory analytical deliverables for groundwater samples evaluated in the RIR are provided in Appendix J.

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

Volatile Organic Compounds

One VOC, benzene, was detected above its respective AWQS in the groundwater samples at the Site as follows:

On-Site Groundwater VOC Analytical Results			
Contaminant (VOC)	**Monitoring Well ID**	**Concentration (ppb)**	**AWQS (ppb)**
Benzene	25MW-8	1.7	1

Three chlorinated VOCs (CVOCs), cis-1,2-dichloroethene, tetrachloroethene (PCE), and trichloroethene (TCE), were detected above its respective AWQS in the off-Site groundwater samples as follows:

Off-Site Groundwater VOC Analytical Results			
Contaminant (VOC)	**Monitoring Well ID**	**Concentration (ppb)**	**AWQS (ppb)**
cis-1,2-Dichloroethene	B10D	29	5
Tetrachloroethene	B8DW	6.2	5
	B10D	22	
Trichloroethene	B10D	10	5

Semi-Volatile Organic Compounds

Five SVOCs, were detected in groundwater samples across the Site above their respective AWQS. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene were detected above AWQS in 25MW-4 located in the western portion of the Site. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and chrysene were detected above AWQS in 25MW-5 located in the southwestern portion of the Site, and benzo(a)anthracene was detected above AWQS in 25MW-7 and 25MW-8 located in the eastern and southern portions of the Site, respectively. No SVOCs were identified above AWQS in the off-Site monitoring wells. The findings were as follows:

Contaminant (SVOC)	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Benzo(a)anthracene	25MW-4	0.9	0.002
	25MW-5	0.23	
	25MW-7	0.03	
	25MW-8	0.55	
Benzo(a)pyrene	25MW-4	0.93	0.002
	25MW-5	0.25	
Benzo(b)fluoranthene	25MW-4	1.2	0.002
	25MW-5	0.32	
Benzo(k)fluoranthene	25MW-4	0.32	0.002
Chrysene	25MW-4	0.92	0.002
	25MW-5	0.19	

Herbicides

No herbicides were detected in the groundwater samples above laboratory reporting limits.

Pesticides

No pesticides were detected in the groundwater samples above laboratory reporting limits.

Polychlorinated Biphenyls

No PCBs were detected in the groundwater samples above laboratory reporting limits.

Total Metals

A total of twelve total metals, including barium, copper, iron, magnesium, manganese, nickel, selenium, and sodium, and four heavy metals, arsenic, chromium, mercury, and lead, were identified at concentrations exceeding their respective AWQS in the on-Site groundwater samples as follows:

Total Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Arsenic, total	25MW-5	48.64	25
Barium, total	25MW-5	1073	1000
Chromium, total	25MW-5	64.72	50
Copper, total	25MW-5	384.9	200
Iron, total	25MW-1	35,100	300
	25MW-2	55,300	
	25MW-3	21,400	
	25MW-4	25,200	
	25MW-5	59,800	
	25MW-6	32,100	
	25MW-7	3,730	
	25MW-8	16,200	
Lead, total	25MW-3	26.84	25
	25MW-4	579.9	
	25MW-5	2707	
	25MW-8	312.6	
Magnesium, total	25MW-1	49,000	35,000
	25MW-4	46,400	
	25MW-5	37,000	
	25MW-6	40,100	
Manganese, total	25MW-1	920.5	300
	25MW-2	2,667	
	25MW-3	1,253	
	25MW-4	1,488	
	25MW-5	3,698	
	25MW-6	1,148	
	25MW-7	379.5	
	25MW-8	678.1	
Mercury, total	25MW-4	3	0.7
	25MW-5	9.92	
	25MW-8	1.1	
Nickel, total	25MW-5	104	100
Selenium, total	25MW-5	19.8	10
Sodium, total	25MW-1	188,000	20,000
	25MW-2	543,000	
	25MW-3	117,000	
	25MW-4	540,000	
	25MW-5	392,000	
	25MW-6	324,000	
	25MW-7	22,200	
	25MW-8	369,000	

Only four naturally occurring total metals, iron, magnesium, manganese, and sodium were identified at concentrations exceeding their respective AWQS in the off-Site groundwater samples as follows:

Total Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Iron, total	B8DW	5,160	300
	B10D	3,050	

Total Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Magnesium, total	B8DW	62,800	35,000
	B10D	69,100	
Manganese, total	B8DW	1,175	300
Sodium, total	B8DW	198,000	20,000
	B10D	234,000	

Dissolved Metals

A total of four dissolved metals, all of which are naturally occurring, including iron, magnesium, manganese, and sodium, were detected at concentrations exceeding their respective AWQS in both on-Site and off-Site groundwater samples as follows:

Dissolved Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Iron, dissolved	25MW-1	2,120	300
	25MW-2	1,560	
	25MW-3	1,960	
	25MW-5	501	
	25MW-6	1,330	
	25MW-7	921	
	B8DW	1,500	
	B10D	805	
Magnesium, dissolved	25MW-1	56,600	35000
	B8DW	60,500	
	B10D	68,900	
Manganese, dissolved	25MW-1	768.4	300
	25MW-2	1,798	
	25MW-3	1016	
	25MW-5	1643	
	25MW-6	932.1	
	25MW-7	311.5	
	25MW-8	462.5	
	B8DW	822.9	
Sodium, dissolved	25MW-1	203000	20000
	25MW-2	536000	
	25MW-3	188000	
	25MW-5	341000	
	25MW-6	190000	
	25MW-8	369000	
	B8DW	185000	
	B10D	229000	

Supplemental Metals

A total of thirteen total metals, including barium, cadmium, copper, iron, magnesium, manganese, sodium, thallium, zinc, and four heavy metals, arsenic, chromium, mercury, and lead, were identified at concentrations exceeding their respective AWQS in the on-Site groundwater samples as follows:

Total Metals

Total Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
Arsenic, Total	25MW-4	51.41	25
Barium, Total	25MW-4	2,797	1,000
Cadmium, Total	25MW-4	6.95	5
Chromium, Total	25MW-4	79.03	50
Copper, Total	25MW-4	271	200
Iron, Total	25MW-4	80,600	300
	25MW-5	8,040	
	25MW-7	15,800	
	25MW-5 DUP	7,660	
Lead, Total	25MW-4	2,046	25
	25MW-5	27.26	
Magnesium, Total	25MW-4	42,700	35,000
Manganese, Total	25MW-4	2,626	300
	25MW-5	1,773	
	25MW-7	650.3	
	25MW-5 DUP	1,756	
Mercury, Total	25MW-4	9.62	0.7
Sodium, Total	25MW-4	354,000	20,000
	25MW-5	450,000	
	25MW-7	72,300	
	25MW-5 DUP	433,000	
Thallium, Total	25MW-4	0.67	0.5
Zinc, Total	25MW-4	3,312	2,000

Dissolved Metals

A total of three dissolved metals, all of which are naturally occurring, including iron, manganese, and sodium, were detected at concentrations exceeding their respective AWQS in the same samples during confirmatory sampling event as follows:

Dissolved Metals	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)

Iron, dissolved	25MW-5	1,720	300
	25MW-7	1,650	
	25MW-5 DUP	7,230	
Manganese, dissolved	24MW-4	1,257	300
	25MW-5	1,524	
	25MW-7	648.7	
	25MW-5 DUP	1,504	
Sodium, dissolved	25MW-4	365,000	20,000
	25MW-5	426,000	
	25MW-7	75,600	
	25MW-5 DUP	408,000	

Emerging Contaminants

Two PFAS compounds, perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), and 1,4-dioxane were detected above the Part 375 Remedial Program Guidance Values (GV) for Water as follows:

Emerging Contaminants	Monitoring Well ID	Concentration (ppb)	AWQS (ppb)
1,4-Dioxane	25MW-2	0.381	0.35
	25MW-8	0.37	
PFOS	25MW-5	0.0292	0.0027
	25MW-7	0.00474	
	25MW-8	0.00967	
	B8DW	0.0036	
PFOA	25MW-1	0.032	0.0067
	25MW-2	0.107	
	25MW-3	0.0364	
	25MW-5	0.0236	
	25MW-6	0.0484	
	25MW-7	0.0114	
	25MW-8	0.0361	
	B8DW	0.0386	
	B10D	0.0573	

Summary of Groundwater Analytical Results

- One petroleum-related VOC, benzene, was detected in one on-Site groundwater sample slightly above its AWQS. However, three CVOCs specifically cis-1,2-dichloroethene, tetrachloroethene (PCE) and trichloroethene (TCE) were detected above their respective AWQS in the off-Site groundwater samples collected from the

two monitoring wells located on the adjacent sidewalks. Therefore, the presence of CVOCs in groundwater is likely due to an off-Site source.

- Five SVOCs were detected in groundwater samples across the Site above their respective AWQS. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, benzo(k)flouranthene and chrysene were detected above AWQS in 25MW-4. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, and chrysene were detected above AWQS in 25MW-5, and benzo(a)anthracene was detected above AWQS in 25MW-7 and 25MW-8. Due to the lack of SVOCs in off-Site monitoring wells, and presence of SVOCs in soil across the Site, the presence of SVOCs in groundwater could be attributed to the Site soils.
- No herbicides, pesticides, or PCBs were detected in the groundwater samples above laboratory reporting limits.
- Four dissolved metals were detected in the July 2025 sampling event, all of which are naturally occurring metals including iron, magnesium, manganese, and sodium were detected at concentrations exceeding their respective AWQS. Three dissolved metals were detected in the February 2026 confirmation groundwater sampling event, all of which are also naturally occurring metals including iron, manganese, and sodium. It should be noted that naturally occurring metal contaminants in groundwater are not Site-specific contaminants of concern and will not be addressed by a remedy.
- A total of twelve total metals, including barium, copper, iron, magnesium, manganese, nickel, selenium, and sodium, and four heavy metals, arsenic, chromium, mercury, and lead, were identified at concentrations exceeding their respective AWQS in the on-Site groundwater samples in the July 2025 sampling event. None of the heavy metals were identified in the off-Site groundwater samples. Only four naturally occurring total metals, iron, magnesium, manganese, and sodium were identified at concentrations exceeding their respective AWQS in the off-Site groundwater samples. A total of thirteen total metals, including barium, cadmium, copper, iron, magnesium, manganese, sodium, thallium and zinc, and four heavy metals, arsenic, chromium, mercury and lead, were identified at concentrations exceeding their respective AWQS in the on-Site groundwater samples. Due to the absence of dissolved heavy metals in on-Site groundwater samples, the Site soils were not deemed as the source.
- Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits, PFOS in four samples and PFOA in nine groundwater samples. PFAS samples were not detected in any of the soil samples above laboratory reporting limits.

5.6 Soil Vapor Results

5.6.1 Soil Vapor Results

Figure 3 provides the soil vapor and ambient air sampling locations. Figure 8 provides a summary of findings with detected concentrations. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 17A. Laboratory data deliverables for all samples evaluated in the RIR are provided in Appendix K.

Soil Vapor

Total concentrations of petroleum-related benzene, toluene, ethylbenzene, and xylenes (BTEX) ranged from 18.65 µg/m^3 in 25SV-4 to 154.8 µg/m^3 in 25SV-3 beneath the Site and were detected at a total concentration of 33.54 µg/m^3 in the indoor air sample (25AI-1). Results further showed concentrations of tetrachloroethene (PCE) in two soil vapor samples, one sub-slab soil vapor sample, and one indoor air sample. The highest concentration of PCE detected was 46.8 µg/m^3 in SV-2, located in the southeastern portion of the Site. When the one sub-slab vapor sample and co-located indoor air sample results are evaluated against the NYSDOH Decision Matrices, no further action is required. A summary table of the detected NYSDOH Decision Matrix compounds is provided below:

Matrix	Compound	Minimum Detection (ug/m^3)	Maximum Detection (ug/m^3)
B	Tetrachloroethene	7.8 (25SV-4)	46.8 (25SV-2)
	1,1,1-Trichloroethane	1.26 (25SV-4)	31.1 (25SV-1)
D	Benzene	2.44 (25SS-1)	56.2 (25SV-3)
	Ethylbenzene	1.91 (25SV-4)	21.6 (25SV-3)
	Napthalene	3.68 (25SV-2)	4.21 (25SS-1)
	Cyclohexane	1.41 (25SS-1)	164 (25SV-1)
	Isooctane (2,2,4-trimethylpentane)	4.1 (25DUP-1)	4,500 (25SV-1)
	1,2,4-trimethylbenzene	2.89 (25SV-4)	14.8 (25SV-2)
	1,3,5-trimethylbenzene	1.3 (25SV-4)	4.44 (25SV-2)
	o-Xylene	5.21 (25SV-4)	13.9 (25SV-3)
E	m,p-xylenes	9.21 (25SV-4)	50.8 (25SV-1)
	heptane	3.11 (25SV-4)	23.4 (25SV-1)
	hexane	1.39 (25SV-4)	161 (25SV-1)
F	Toluene	1.68 (25SV-4)	37 (25SV-3)

Summary of Soil Vapor Analytical Results

Results showed low concentrations of petroleum-related VOCs, with the single exception of 2,2,4-Trimethylpentane, which was detected at 4,500 µg/m^3 in soil vapor sample 25SV-1. BTEX was identified between 18.50 µg/m^3 in 25SV-4 to 154.8 µg/m^3 in 25SV-3. The highest concentrations of CVOCs detected were of PCE at 25SV-2 (46.80 µg/m^3) and 14.2 µg/m^3 in

25SV-DUP-1 (collected from the 25SV-2 location), and TCE at 25AI-1 (0.193 µg/m^3), which is located in the western portion of the Site.

When the results of the one sub-slab vapor sample and the co-located indoor air sample are evaluated against the NYSDOH Decision Matrices, no further action is required.

Soil vapor sample 25SV-1, located on the northwestern portion of the property, showed an elevated detection of isooctane (2,2,4-trimethylpentane) at 4,500 µg/m^3 as well as other elevated petroleum compound detections. Soil vapor sample 25SV-3, located on the northeastern portion of the property, showed low to moderate detections of petroleum and BTEX compounds. Soil vapor samples 25SV-2 and 25SV-4, located on the southwestern and southeastern portions of the Site, appear to have relatively lower detections of petroleum and BTEX compounds. In general, petroleum compound detections appear to be more elevated in the northern portion of the Site along Sackett Street. However, it should be noted that these VOCs were not detected in soil or groundwater samples, except for benzene in one groundwater sample.

The highest detection of PCE was identified in soil vapor sample 25SV-2 located in the southwestern portion of the property at 46.8 µg/m^3. On the southeastern portion of the Site, in soil vapor sample 25SV-4, PCE was detected at 7.8 µg/m^3, and on the northern portions of the Site, in soil vapor samples 25SV-1 and 25SV-3, PCE was not detected. Although CVOCs were not in soil samples above UUSCOs, they were detected in the off-site groundwater samples.

5.7 Data Usability Summary

New York Analytical Services Protocols (ASP) Category B laboratory reports for the soil groundwater and soil vapor for the RI were provided by York Analytical Laboratories and sent to be validated by Alpha Geoscience, a third-party data validator. The data was reported electronically to the NYSDEC via the Environmental Quality Information Systems (EQuIS). The data was deemed mostly usable. All the data that were not qualified rejected (R) are usable. Below is a summary of the rejected data:

<u>RI Soil:</u>

- The positive PCB result for aroclor 1268 (and total PCBs) was “rejected” for sample 25SB-10 (0-2) because aroclor 1268 was reported “detected” on column 1 and “not detected” on column 2; therefore, the presence of aroclor 1268 was not confirmed.
- The “not detected” semi-volatile results for 14 acid extractable compounds were “rejected” for sample 25SB-4 (0-2) because two of three acid extractable surrogate recoveries were below control limits and one below 10% in the samples.
- The “not detected” semi-volatile results for 15 acid extractable compounds were “rejected” for samples 25SB-2 (0-2), 25SB-2 (0-2) because two of three acid extractable surrogate recoveries were below control limits and below 10% in the samples.

- The "not detected" semi-volatile results for hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and pentachlorophenol were "rejected" for sample 25SB-5 (0-2) because two of two percent recoveries for these compounds were below QC limits, but not below 10% in the soil MS/MSD sample.
- The positive pesticide results for trans-chlordane were qualified as "rejected" for sample 25SB-1 (9-11), 25SB-3 (0-2), and 25SB-4 (7-9) because the %RPDs for dual column quantitation of trans-chlordane were above the allowable maximum and above 100% in the samples.
- The "not detected" pesticide results for target pesticides were qualified as "rejected" for sample 25SB-6 (7-9) because two of two surrogate recoveries were outside QC limits on one or both columns and one below 10% on one column in the sample.
- The "not detected" pesticide results for target pesticides were qualified as "rejected" for sample 25SB-6 (11-12) because two of two surrogate recoveries were outside QC limits and one below 10% on one column in the sample.
- The "not detected" pesticide results for target pesticides were qualified as "rejected" for sample 25SB-8 (11-12) because one of two surrogate recoveries was below QC limits and below 10% on one column in the sample.

Phase II Soil:

In general, the analytical results of the 2022 RI soil sampling were classified as usable. With the exception of the rejected PFAS non-detect results for N-MeFOSAA (SP-10) and PFOS (SP-11), all data are considered usable for site characterization and comparison to applicable regulatory criteria. Results qualified as J, J+, J-, or UJ indicate estimated values with associated uncertainty but remain suitable for evaluating site conditions and supporting remedial alternatives analysis.

Groundwater

With the exception of the rejected results for 1,4-dioxane (all samples, trip blank, and field blank) and selenium (25MW-5 and 25MW-5-DUP), all groundwater data are considered usable for site characterization and comparison to applicable regulatory criteria. Results qualified as J, J-, or UJ indicate estimated values with associated uncertainty but remain suitable for evaluating site conditions and supporting remedial alternatives analysis.

It should be noted that the analytical data for 1,4-dioxane in groundwater samples was rejected for the VOC analysis (8260D). The appropriate analysis for 1,4-Dioxane is 8270E-SIM for SVOCs and the data for this analysis was deemed usable in the DUSR.

Soil Vapor

The overall performances of the analyses were acceptable.

The DUSRs for 2025 RI samples are provided in Appendix L. The DUSR for 2022 soil samples is provided in Appendix M, and the DUSR for 2026 confirmatory groundwater samples is provided in Appendix N.

6.0 CONCEPTUAL SITE MODEL

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

- NYSDEC Part 375 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs
- NYSDEC TOGS 1.1.1 AWQS and NYSDEC Guidance Values
- NYSDOH Decision Matrices for Sub-Slab Vapor/Indoor Air

6.1 Site Contaminants

The following contaminants of concern were identified at the Site:

- SVOCs (PAHs) Impacts in Soil and Groundwater
- Hazardous Lead and Metals Impacts in Soil
- CVOCs in Soil Vapor

6.1.1 SVOCs (PAHs) Impacts in Soil and Groundwater

Contaminants associated with urban fill from unknown sources were identified across the Site. Varying amounts of historic fill were identified from the surface down to 15 feet below grade. The fill material predominantly consists of brown and dark brown fine to medium sand with varying amounts of gravel, concrete, asphalt, glass, and silt.

Analytical results from soil samples collected from shallow (0-2') and intermediate (7-9', 11-12' and 12-13') depth intervals across the Site, identified exceedances of SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene] above UUSCOs, RRSCOs, and Protection of Groundwater SCOs.

Additionally, SVOCs exceedances in groundwater samples were identified in 25MW-4, 25MW-5, 25MW-7, and 25MW-8 across the Site, indicating that urban fill is likely the source of contamination at the Site.

6.1.2 Hazardous Lead and Metals Impacts in Soil

Total lead concentrations ranged from 97.2 ppm to 10,000 ppm throughout the Site at varying depths with exceedances of both UUSCOs (63 ppm) and RRSCOs (400 ppm). Toxicity Characteristic Leaching Procedure (TCLP) results for lead ranged from non-detect to 99.1 mg/L, with multiple samples exceeding its respective EPA Hazardous Waste Limit (5 mg/L). Based on the vertical and horizontal distribution, lead is considered a primary contaminant of concern in Site soils. Furthermore, other metals, including arsenic, barium, lead, and mercury also exceeded their respective RRSCOs in 27 soil samples across the Site. This distribution suggests that the lead impacts are not localized to a single source area but are consistent with urban fill and historical industrial activities.

Metals concentrations appear to achieve UUSCOs around 28 feet below grade surface, and the hazardous lead appears to be limited to the top 14 feet.

6.1.3 CVOCs in Soil Vapor

Soil vapor and sub-slab vapor results showed low to moderate concentrations of CVOCs detected across the Site. When the one sub-slab vapor sample and co-located indoor air sample results are evaluated against the NYSDOH Decision Matrices, no further action is required. The highest detection of PCE was identified in soil vapor sample 25SV-2 located in the southwestern portion of the property at 46.8 µg/m^3. On the southeastern portion of the Site, in soil vapor sample 25SV-4, PCE was detected at 7.8 µg/m^3.

Three CVOCs, PCE, TCE, and cis-1,2-dichloroethene were detected at concentrations ranging from 6.2 µg/L to 29.0 µg/L, exceeding their respective AWQS of 5 ug/L in two off-site groundwater monitoring wells. PCE exceedances were observed in two off-site groundwater monitoring wells. B8DW (6.2 ug/L) and B10D (22 ug/L), located in the sidewalk adjacent to the southwest and south of the Site, respectively. TCE exceedance was detected above its AWQS in off-site monitoring well B10D (10 ug/L). No CVOCs were identified in the on-site groundwater samples or soil samples at concentrations exceeding regulatory standards. Based on these findings, the CVOCs present in soil vapor are likely attributable to off-site sources rather than on-site impacts.

7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

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

7.1 Contaminant Sources

Based on the results of the RI, on-site contaminants to be evaluated for human health exposure risk include contaminants of concern at the Site, including SVOCs and metals in soil; SVOCs in groundwater; and CVOCs in soil vapor.

The SVOCs and metals detections throughout the Site are generally consistent with historic fill material observed throughout NYC. The SVOCs exceedances in both soil and groundwater samples indicate that non-native urban fill source material is present at the Site.

Groundwater results showed CVOCs in off-site groundwater samples, indicating that the presence of CVOCs in groundwater and soil vapor is likely attributed to an off-site source since the same compounds were not detected above regulatory standards at the Site.

Four dissolved metals, all of which are naturally occurring metals, including iron, magnesium, manganese, and sodium, were detected at concentrations exceeding their respective AWQS. A total of twelve (12) total metals, including barium, copper, iron, magnesium, manganese, nickel, selenium, and sodium, and three heavy metals, arsenic, chromium, mercury, and lead, were identified at concentrations exceeding their respective AWQS in the on-site groundwater samples. Due to the absence of dissolved heavy metals in on-site groundwater samples, the Site soils were not deemed as the source.

7.2 Current Conditions

The Site is located in a densely developed part of Brooklyn, New York. The Site is currently vacant. Approximately half of the Site is covered with an existing building with concrete slab, and the other half is covered with paved parking lot. Therefore, human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is limited and unlikely under the current conditions.

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

An incomplete exposure pathway to soil vapor is concluded based on the current site use and occupancy. Specifically, the Site is currently vacant and unoccupied. As such, there are no receptors currently present, and no indoor air exposure is occurring since the building was recently demolished.

7.3 Exposure Route

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

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

7.4 Potential Sensitive Receptors

On-Site Receptors: The Site is currently vacant and capped with the former building's concrete slab and an asphalt-paved parking lot. The Site is secured with locked roll-up metal doors and typical doorways and the entrance to the parking lot is controlled by a locked gate and fence. On-site receptors are limited to workers, trespassers, Site representatives, and visitors granted access to the property. Under proposed future conditions, potential on-Site receptors include workers, residents, and visitors.

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

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

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

7.5 Potential Exposure Pathways

On-Site: The former building at the Site has been demolished, and the Site is currently vacant. The Site is currently capped with the former building's concrete slab and an asphalt-paved parking lot. Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is unlikely due to the current Site cover.

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

Since the Site is currently vacant and unoccupied, no receptors are present, and as such, a potential exposure pathway for soil vapor is unlikely. No indoor air exposure exists since the building was recently demolished. Once construction activities begin, a potential exposure pathway may exist for construction workers and inspectors to come into direct contact with soil. Any future Site remediation activities would be conducted under a HASP, which would control and limit human exposure to on-Site contaminants.

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

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

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

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

7.6 Exposure Assessment Conclusions and Recommendations

Based upon this analysis, exposure to contaminants in soil and groundwater is not expected under current conditions, as the Site is capped with concrete slabs and asphalt pavement, and groundwater in this area of New York City is not used as a potable water source. The soil intrusion pathway is currently incomplete on-site because there is no building or occupant present. There is an existing potential exposure pathway from soil gas emanating from VOCs entering neighboring properties as a result of any possible floor or wall openings/cracks. Although it is unlikely, the indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to CVOCs in the area. Once remediation/construction activities start, any potential exposure pathway will be monitored and controlled by implementation of a CAMP and HASP.

During redevelopment (including excavation or other ground-intrusive activities), there is a temporary potential for the generation of dust and volatilized compounds that could result

in inhalation exposure to both on-Site workers and off-Site receptors. This potential exposure mechanism would be related to short-term constriction-phase emissions rather than vapor intrusion into enclosed structures. In the absence of a CAMP and HASP, during ground intrusive activities, off-Site receptors could be exposed to particulates and vapors. Monitoring and control measures have been and will continue to be used during any investigation and any future planned remediation to prevent completion of this pathway. Under future conditions, the Site will be remediated, and engineering and institutional controls will be implemented, as necessary, to prevent completion of this pathway.

8.0 CONCLUSIONS AND RECOMMENDATIONS

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

- An urban fill layer consisting of brick, concrete, and miscellaneous debris appears to be extending to 15 feet below grade surface (bgs) across most of the Site.
- The topography of the Site is relatively level, ranging from approximately 18.55 feet (NAVD88) in the southwest portion to 20.09 feet (NAVD88) in the central portion. Average depth to groundwater was observed as 6.58 (NAVD88) during the RI.
- Geophysical survey did not identify any areas of concern indicative of anomalies consistent with USTs.
- Contaminants of concern in soil were identified as SVOCs, including polycyclic aromatic hydrocarbons (PAHs), and metals, including hazardous lead, and non-hazardous arsenic and mercury. Since the same SVOCs were identified in groundwater samples, the results were evaluated by comparison to the Protection of Groundwater SCOs.
- Contaminants of concern in groundwater were identified as SVOCs, consisting of PAHs.
- One petroleum-related VOC, benzene (1.7 ppb), was detected slightly above its respective AWQS (1 ppb) in one of the Site groundwater samples (25MW-8). This could be an anomaly and should be confirmed via resampling.
- Although CVOCs, cis-1,2-dichloroethene, tetrachloroethene (PCE), and trichloroethene (TCE), were identified in off-site groundwater samples, they were not detected in the on-site groundwater samples. Therefore, their presence is likely an off-site source.
- Four dissolved metals, all of which are naturally occurring metals, including iron, magnesium, manganese, and sodium, were detected at concentrations exceeding their respective AWQS. A total of fifteen (15) total metals, including barium, cadmium, copper, iron, magnesium, manganese, nickel, selenium, sodium, thallium, zinc, and four heavy metals, arsenic, chromium, mercury, and lead, were identified at concentrations exceeding their respective AWQS in the on-site groundwater samples. Due to the absence of dissolved heavy metals in on-site groundwater samples, the Site soils were not deemed as the source.
- Concentrations of petroleum-related VOCs in soil vapor samples ranged from low to moderate across the Site, except for, isooctane (2,2,4-Trimethylpentane), which was detected at 4,500 µg/m^3 in soil vapor sample 25SV-1 located in the northwestern portion of the property. The highest concentrations of CVOCs detected in soil vapor were of PCE in soil vapor sample 25SV-2 at 46.80 µg/m^3, and in 25DUP-1 (Parent

Sample: 25SV-2) at 14.2 µg/m^3. Additionally, TCE was detected in indoor air sample 25AI-1 at 0.193 µg/m^3 but was not detected in any soil vapor sample or the sub-slab soil vapor sample. CVOCs were not detected in soil samples, however, they were detected in off-Site groundwater samples. Therefore, the presence of CVOCs in soil vapor is likely due to off-Site source(s).

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

9.0 REFERENCES

- NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. New York: issued May 3, 2010, effective June 18, 2010.
- NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York: Author, December 2006.
- NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates.
- Phase I Environmental Site Assessment at 601 Union Street, Brooklyn, New York, by Athenica Environmental Services, Inc., July 2022
- Phase II Environmental Site Assessment Report at 601-607 Union Street, Brooklyn, New York, by Hydro Tech Environmental Engineering and Geology, DPC, October 2022
- United States Environmental Protection Agency (USEPA), Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, September 19, 2017.

TABLES

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
601-607 Union Street, Brooklyn, NY (C224392)

2025 RI				
Sample Media	**Installation Date**	**Sample ID**	**Total Depth from Grade (feet)**	**Depth to Water Encountered During Drilling**
SOIL	7/2/25	25SB-1 (0-2')	15	13
		25SB-1 (9'-11')		
		25SB-1 (12'-13')		
	7/2/25	25SB-2 (0-2')	15	13
		25SB-2 (12'-13')		
	7/2/25	25SB-3 (0-2')	15	13
		25SB-3 (12'-13')		
	7/2/25	25SB-4 (0-2')	15	13
		25SB-4 (7'-9')		
		25SB-4 (12'-13')		
	7/2/25	25SB-5 (0-2')	15	12
		25SB-5(0-2')MS		
		25SB-5(0-2')MSD		
		25SB-5 (11'-12')		
	7/2/25	25SB-6 (0-2')	15	12
		25SB-6 (7'-9')		
		25SB-6 (11'-12')		
	7/8/25	25SB-7 (0-2')	15	13
		25SB-7 (12'-13')		
	7/8/25	25SB-8 (1'-3')	15	12
		25SB-8 (11'-12')		
	7/1/25	25SB-9 (0-2')	15	12
		25SB-9 (11'-12')		
	7/1/25	25SB-10 (0-2')	15	12
		25SB-10 (11'-12')		
	7/1/25	25SB-11 (0-2')	15	12
		25SB-11 (11'-12')		
	7/1/25	25SB-12 (0-2')	15	12
		25SB-12 (11'-12')		
	7/1/25	25SB-13 (0-2')	15	12
		25SB-13 (11'-12')		
	7/1/25	25SB-14 (0-2')	15	12
		25SB-14 (7'-9')		
		25SB-14 (11'-12')		
GROUNDWATER	7/2/25	25MW-1	19.21	12.60 (from TOC)
	7/2/25	25MW-2	18.69	12.48 (from TOC)
	7/2/25	25MW-3	19.20	13.22 (from TOC)
	7/8/25	25MW-4	17.46	15.28 (from TOC)
	7/8/25	25MW-5	16.71	12.72 (from TOC)
	7/2/25	25MW-6	19.02	13.15 (from TOC)
	7/2/25	25MW-7	19.25	12.52 (from TOC)
	7/2/25	25MW-8	19.21	12.63 (from TOC)
SOIL VAPOR	7/1/25	25SV-1	10	N/A
	7/8/25	25SV-2	10	N/A
	7/2/25	25SV-3	10	N/A
	7/2/25	25SV-4	10	N/A
	7/8/25	25SS-1	6"	N/A
	7/8/25	25DUP-1	10	N/A

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points - 2022 Phase II
601-607 Union Street, Brooklyn, NY (C224392)

2022 Phase II				
Sample Media	**Installation Date**	**Sample ID**	**Total Depth from Grade (feet)**	**Depth to Water (feet)**
SOIL	9/7/22	SP-1(8-10)	12	13.5
	9/7/22	SP-2(8-10)	12	N/A
	9/7/22	SP-3(10-12)	12	13.2
	9/7/22	SP-4(4-6	12	N/A
	9/7/22	SP-5(6-8)	12	13.3
	9/7/22	SP-6(2-4)	12	N/A
	9/7/22	SP-7(0-2)	12	13.7
	9/7/22	SP-8(1-3)	12	13.64
	9/7/22	SP-9(1-3)	12	N/A
	9/7/22	SP-10(8-10)	12	13.75
	9/7/22	SP-11(10-12)	12	N/A
	9/8/22	SP-12(10-12)	12	N/A
	9/8/22	SP-13(10-12)	12	12.3
	9/8/22	SP-14(6-8)	12	N/A
	9/8/22	SP-15(6-8)	12	12.73
	9/8/22	SP-16(8-10)	12	N/A
	9/8/22	SP-17(4-6)	12	N/A
GROUNDWATER	9/30/22	MW-1	21	13.5 (from TOC)
	9/30/22	MW-2	20	13.2 (from TOC)
	9/30/22	MW-3	20	13.3 (from TOC)
	9/30/22	MW-4	10	4.7 (from TOC)
	9/30/22	MW-5	9	4.64 (from TOC)
	9/30/22	MW-6	19	13.75 (from TOC)
	9/30/22	MW-7	21	12.3 (from TOC)
	9/30/22	MW-8	20	12.73 (from TOC)
SOIL VAPOR	9/9/22	SV-1(10)	10	N/A
	9/9/22	SV-2(10)	10	N/A
	9/9/22	SSB-1	6"	N/A
	9/9/22	SSb-2	6"	N/A
	9/9/22	SSB-3	6"	N/A
	9/9/22	SSB-4	6"	N/A
	9/9/22	SSB-5	6"	N/A
	9/9/22	SSB-6	6"	N/A

Table 1B
Groundwater Monitoring Data
601-607 Union Street, Brooklyn, NY (C224392)

Monitoring Well ID	Depth to Water from TOC on 7/2/25	Depth to Water from TOC on 2/12/26 at 12:05pm	Depth to Water from TOC on 2/12/26 at 12:20pm	Depth to Water from TOC on 2/16/26 at 08:30am	Depth to Water from TOC on 2/16/26 at 1:50pm	TOC Elevation on 7/2/25	GW Elevation on 7/2/25	TOC Elevation on 2/12/26 & 2/16/26	GW Elevation on 2/12/26 & 2/16/26
25MW-1	12.72	-	-	11.8	11.83	18.97	6.25	18.54	6.71
25MW-2	12.69	-	-	-	-	19.12	6.43	19.05	-
25MW-3	13.10	13.73	13.71	14.7	14.71	19.35	6.25	19.25	4.54
25MW-4	13.57	13.98	15.22	14.06	14.14	21.69	8.12	19.82	5.68
25MW-5	12.95	13.11	13.1	13.12	13.13	20.14	7.19	19.90	6.77
25MW-6	13.54	-	-	-	-	19.37	5.83	19.63	-
25MW-7	12.95	-	-	13.35	13.86	19.1	6.15	19.1	5.24
25MW-8	12.92	-	-	-	-	19.52	6.60	19.64	-

Notes:

1. 25MW-1, 25MW-2, 25MW-6, 25MW-7, and 25MW-8 could not be located on 2/12/26 due to snow and demolition debris.

2. 25MW-2, 25MW-6 and 25MW-8 could not be located on 2/16/26 due to demolition debris.

TOC: Top of Casing

Table 2A
Soil Vapor Sampling Log (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg') Start	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Stop Sampling Time
7/8/2025	25SV-1	5313	01218	-30.09	-6.45	12:01	20:06
7/8/2025	25SV-2	5577	0699	-30.29	-6.43	12:04	20:09
7/8/2025	25SV-3	5797	01118	-31.42	-7.03	12:02	20:02
7/8/2025	25SV-4	5474	02679	-30.37	5.71	12:03	20:03
7/8/2025	25SS-1	806	0550	-30.02	-6.91	12:05	20:22
7/8/2025	25AI-1	4885	01775	-30.09	-6.24	12:00	20:08
7/8/2025	25DUP-1	1906	0834	-30.16	-6.12	12:06	20:20

Table 2B
Soil Vapor Sampling Log (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample Date	Sample ID	Canister ID	Canister Pressure in Field ('Hg') Start	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Stop Sampling Time
9/9/22	SSB-1	18302	-30	-8	10:43	12:49
9/9/22	SSB-2	23156	-30	-8	10:28	12:22
9/9/22	SSB-3	10748	-30	-8	10:32	12:23
9/9/22	SSB-4	28844	-30	-8	10:17	12:20
9/9/22	SSB-5	18294	-30	-6	10:51	12:54
9/9/22	SSB-6	24254	-30	-10	10:58	12:59
9/9/22	SV-1	37003	-30	-6	10:49	12:49
9/9/22	SV-2	16691	-30	-8	10:42	12:50

USER KEY FOR DATA SUMMARY TABLES

Qualifier Key for Data Summary Tables

D: Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

U: Not detected at the reported detection limit for the sample.

R: Unreliable result; data is rejected or unusable. Analyte may or may not bepresent in the sample. Supporting data or information is necessary to confirm the result.

NJ: Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

J: Analyte is present. Reported value may be associated with a higher levelof uncertainty than is normally expected with the analytical method.

J-: Analyte is present. Reported value may be biased low and associated witha higher level of uncertainty than is normally expected with the analytical method.

J+: Analyte is present. Reported value may be biased high andassociated witha higher level of uncertainty than is normally expected with the analytical method.

UJ: Not detected, quantitation limit may be inaccurate or imprecise.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Bold values are detected concentrations

Bold and highligted values are concentrations above Part 375 Unrestricted Use Soil Cleanup Objectives

Bold and highligted values are concentrations above Part 375 Restricted Residential Use Soil Cleanup Objectives

Bold and highligted values are concentrations above Part 375 Protection of Groundwater Soil Cleanup Objectives

Bold and highligted values are concentrations above USEPA Hazardous Waste Limits

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	**ppm**		**ppm**		**ppm**		**ppm**		**ppm**	
1,1,1-Trichloroethane	0.68	100	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
1,1,2,2-Tetrachloroethane	~	~	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
1,1,2-Trichloroethane	~	~	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,1-Dichloroethane	0.27	26	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,1-Dichloroethene	0.33	100	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,2,3-Trichlorobenzene	~	~	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
1,2,4-Trichlorobenzene	~	~	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
1,2-Dibromo-3-chloropropane	~	~	0.0041	U	0.0047	U	0.005	U	0.0034	U	0.004	U
1,2-Dibromoethane	~	~	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,2-Dichlorobenzene	1.1	100	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
1,2-Dichloroethane	0.02	3.1	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,2-Dichloropropane	~	~	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
1,3-Dichlorobenzene	2.4	49	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
1,4-Dichlorobenzene	1.8	13	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
1,4-Dioxane	0.1	13	0.11	U	0.12	U	0.13	U	0.092	U	0.11	U
2-Butanone	0.12	100	0.014	U	**0.013**	J+	0.016	U	**0.012**		0.013	U
2-Hexanone	~	~	0.014	U	0.016	U	0.016	UJ	0.011	U	0.013	U
4-Methyl-2-pentanone	~	~	0.014	U	0.016	U	0.016	U	0.011	U	0.013	U
Acetone	0.05	100	0.014	U	**0.068**	J+	0.016	U	**0.043**		**0.025**	
Benzene	0.06	4.8	0.00068	U	0.00078	U	0.00083	U	0.00025	J	0.00067	U
Bromochloromethane	~	~	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
Bromodichloromethane	~	~	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
Bromoform	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
Bromomethane	~	~	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
Carbon disulfide	~	~	0.014	U	0.016	U	0.016	U	0.011	U	0.013	U
Carbon tetrachloride	0.76	2.4	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
Chlorobenzene	1.1	100	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
Chloroethane	~	~	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
Chloroform	0.37	49	0.002	U	0.0023	U	0.0025	U	0.0017	U	0.002	U
Chloromethane	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
cis-1,2-Dichloroethene	0.25	100	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
cis-1,3-Dichloropropene	~	~	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
Cyclohexane	~	~	0.014	U	0.016	U	0.016	U	0.011	U	0.013	U
Dibromochloromethane	~	~	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
Dichlorodifluoromethane	~	~	0.014	U	0.016	U	0.016	U	0.011	U	0.013	U
Ethylbenzene	1	41	0.0014	U	**0.0012**	J+	0.0016	U	0.00056	J	0.0013	U
Freon-113	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
Isopropylbenzene	~	~	0.0014	U	**0.001**	J+	0.0016	U	0.00016	J	0.0013	U
Methyl Acetate	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
Methyl cyclohexane	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
Methyl tert butyl ether	0.93	100	0.0027	U	0.0031	U	0.0033	U	0.0023	U	0.0027	U
Methylene chloride	0.05	100	0.0068	U	0.0078	U	0.0083	U	0.0057	U	0.0067	U
o-Xylene	~	~	0.0014	U	**0.00082**	J+	0.0016	U	0.00058	J	0.0013	U
p/m-Xylene	~	~	0.0027	U	**0.0019**	J+	0.0033	U	0.00066	J	0.0027	U
Styrene	~	~	0.0014	U	0.0016	U	0.0016	U	0.00033	J	0.0013	U
Tetrachloroethene	1.3	19	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
Toluene	0.7	100	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
trans-1,2-Dichloroethene	0.19	100	0.002	U	0.0023	U	0.0025	U	0.0017	U	0.002	U
trans-1,3-Dichloropropene	~	~	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U
Trichloroethene	0.47	21	0.00068	U	0.00078	U	0.00083	U	0.00057	U	0.00067	U
Trichlorofluoromethane	~	~	0.0055	U	0.0063	U	0.0066	U	0.0046	U	0.0054	U
Vinyl chloride	0.02	0.9	0.0014	U	0.0016	U	0.0016	U	0.0011	U	0.0013	U

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)		25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10		L2541710-11		L2541710-12	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1-Trichloroethane	0.68	100	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	0.00048	U
1,1,2,2-Tetrachloroethane	~	~	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	UJ	0.00048	U
1,1,2-Trichloroethane	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
1,1-Dichloroethane	0.27	26	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
1,1-Dichloroethene	0.33	100	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
1,2,3-Trichlorobenzene	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
1,2,4-Trichlorobenzene	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
1,2-Dibromo-3-chloropropane	~	~	0.0067	U	0.0051	U	0.0043	U	0.0036	U	0.0037	U	0.0062	UJ	0.0029	U
1,2-Dibromoethane	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
1,2-Dichlorobenzene	1.1	100	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
1,2-Dichloroethane	0.02	3.1	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
1,2-Dichloropropane	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
1,3-Dichlorobenzene	2.4	49	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
1,4-Dichlorobenzene	1.8	13	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
1,4-Dioxane	0.1	13	0.18	U	0.14	U	0.11	U	0.097	U	0.099	U	0.16	U	0.077	U
2-Butanone	0.12	100	0.01	J	**0.03**		0.014	U	0.012	U	0.0042	J	0.021	U	0.0025	J
2-Hexanone	~	~	0.022	U	0.017	U	0.014	U	0.012	U	0.012	U	0.021	UJ	0.0096	U
4-Methyl-2-pentanone	~	~	0.022	U	0.017	U	0.014	U	0.012	U	0.012	U	0.021	U	0.0096	U
Acetone	0.05	100	**0.064**		**0.13**		0.014	U	0.012	U	**0.024**		0.021	U	**0.013**	
Benzene	0.06	4.8	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	**0.0008**	
Bromochloromethane	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	U	0.0019	U
Bromodichloromethane	~	~	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	0.00048	U
Bromoform	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	UJ	0.0038	U
Bromomethane	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	U	0.0019	U
Carbon disulfide	~	~	0.022	U	0.017	U	0.014	U	0.012	U	0.012	U	0.021	U	0.0096	U
Carbon tetrachloride	0.76	2.4	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
Chlorobenzene	1.1	100	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	UJ	0.00048	U
Chloroethane	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	U	0.0019	U
Chloroform	0.37	49	0.0033	U	0.0025	U	0.0021	U	0.0018	U	0.0019	U	0.0031	U	0.0014	U
Chloromethane	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	U	0.0038	U
cis-1,2-Dichloroethene	0.25	100	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U
cis-1,3-Dichloropropene	~	~	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	0.00048	U
Cyclohexane	~	~	0.022	U	0.017	U	0.014	U	0.012	U	0.012	U	0.021	U	0.0096	U
Dibromochloromethane	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
Dichlorodifluoromethane	~	~	0.022	U	0.017	U	0.014	U	0.012	U	0.012	U	0.021	U	0.0096	U
Ethylbenzene	1	41	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
Freon-113	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	U	0.0038	U
Isopropylbenzene	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
Methyl Acetate	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	U	0.0038	U
Methyl cyclohexane	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	U	0.0038	U
Methyl tert butyl ether	0.93	100	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	U	0.0019	U
Methylene chloride	0.05	100	0.011	U	0.0084	U	0.0071	U	0.0061	U	0.0062	U	0.01	U	0.0048	U
o-Xylene	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
p/m-Xylene	~	~	0.0044	U	0.0034	U	0.0028	U	0.0024	U	0.0025	U	0.0041	UJ	0.0019	U
Styrene	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
Tetrachloroethene	1.3	19	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	0.00048	U
Toluene	0.7	100	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
trans-1,2-Dichloroethene	0.19	100	0.0033	U	0.0025	U	0.0021	U	0.0018	U	0.0019	U	0.0031	U	0.0014	U
trans-1,3-Dichloropropene	~	~	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	UJ	0.00096	U
Trichloroethene	0.47	21	0.0011	U	0.00084	U	0.00071	U	0.00061	U	0.00062	U	0.001	U	0.00048	U
Trichlorofluoromethane	~	~	0.0089	U	0.0068	U	0.0057	U	0.0048	U	0.005	U	0.0083	U	0.0038	U
Vinyl chloride	0.02	0.9	0.0022	U	0.0017	U	0.0014	U	0.0012	U	0.0012	U	0.0021	U	0.00096	U

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)		25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/8/25		7/8/25		7/8/25		7/8/25	
Laboratory ID			L2541710-13		L2542557-14		L2542557-15		L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1-Trichloroethane	0.68	100	0.00085	U	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
1,1,2,2-Tetrachloroethane	~	~	0.00085	U	0.0005	U	**0.028**	J+	0.00055	U	0.0011	U	0.00059	U	0.00059	U
1,1,2-Trichloroethane	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,1-Dichloroethane	0.27	26	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,1-Dichloroethene	0.33	100	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,2,3-Trichlorobenzene	~	~	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
1,2,4-Trichlorobenzene	~	~	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
1,2-Dibromo-3-chloropropane	~	~	0.0051	U	0.003	U	0.16	U	0.0033	U	0.0068	U	0.0036	U	0.0036	U
1,2-Dibromoethane	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,2-Dichlorobenzene	1.1	100	**0.00049**	J+	0.00028	J	**0.023**	J+	0.0022	U	0.0045	U	0.0024	U	0.0024	U
1,2-Dichloroethane	0.02	3.1	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,2-Dichloropropane	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
1,3-Dichlorobenzene	2.4	49	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
1,4-Dichlorobenzene	1.8	13	0.0034	U	0.0002	J	**0.1**	J+	0.0022	U	0.0045	U	0.0024	U	0.0024	U
1,4-Dioxane	0.1	13	0.14	U	0.079	U	4.4	U	0.088	U	0.18	U	0.095	U	0.095	U
2-Butanone	0.12	100	**0.049**	J+	**0.012**		**0.28**	J+	0.011	U	0.018	J	0.012	U	0.012	U
2-Hexanone	~	~	0.017	UJ	0.0099	U	0.55	U	0.011	U	0.022	U	0.012	U	0.012	U
4-Methyl-2-pentanone	~	~	**0.0068**	J+	0.0099	U	0.55	U	0.011	U	0.022	U	0.012	U	0.012	U
Acetone	0.05	100	**0.14**	J+	**0.059**		**0.27**	J+	0.011	U	**0.092**		0.012	U	0.012	U
Benzene	0.06	4.8	**0.0019**	J+	0.0005	U	**0.028**		0.00055	U	0.00039	J	0.00059	U	**0.0012**	
Bromochloromethane	~	~	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
Bromodichloromethane	~	~	0.00085	U	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
Bromoform	~	~	0.0068	U	0.004	U	0.22	U	0.0044	U	0.009	U	0.0047	U	0.0047	U
Bromomethane	~	~	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
Carbon disulfide	~	~	0.017	U	0.0099	U	0.55	U	0.011	U	0.022	U	0.012	U	0.012	U
Carbon tetrachloride	0.76	2.4	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
Chlorobenzene	1.1	100	0.00085	U	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
Chloroethane	~	~	0.0034	U	0.002	U	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
Chloroform	0.37	49	0.0026	U	0.0015	U	0.083	U	0.0016	U	0.0034	U	0.0018	U	0.0018	U
Chloromethane	~	~	0.0068	U	0.004	U	0.22	U	0.0044	U	0.009	U	0.0047	U	0.0047	U
cis-1,2-Dichloroethene	0.25	100	**0.001**	J+	0.00099	U	**0.084**	J+	0.0011	U	0.0022	U	0.0012	U	0.0012	U
cis-1,3-Dichloropropene	~	~	0.00085	U	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
Cyclohexane	~	~	**0.0026**	J+	0.0099	U	**0.05**	J+	0.011	U	0.022	U	0.012	U	0.012	U
Dibromochloromethane	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
Dichlorodifluoromethane	~	~	0.017	U	0.0099	U	0.55	U	0.011	U	0.022	U	0.012	U	0.012	U
Ethylbenzene	1	41	**0.011**	J+	0.00099	U	**0.061**	J+	0.0011	U	0.0022	U	0.0012	U	0.0012	U
Freon-113	~	~	0.0068	U	0.004	U	0.22	U	0.0044	U	0.009	U	0.0047	U	0.0047	U
Isopropylbenzene	~	~	**0.011**	J+	**0.002**		**0.67**	J+	0.0011	U	0.0022	U	0.0012	U	0.0012	U
Methyl Acetate	~	~	**0.0095**	J+	0.004	U	**0.13**	J+	0.0044	U	0.009	U	0.0047	U	0.0047	U
Methyl cyclohexane	~	~	**0.019**	J+	0.004	U	**0.46**	J+	0.0044	U	0.009	U	0.0047	U	0.0047	U
Methyl tert butyl ether	0.93	100	**0.00061**	J+	0.00045	J	0.11	U	0.0022	U	0.0045	U	0.0024	U	0.0024	U
Methylene chloride	0.05	100	0.0085	U	0.005	U	0.28	U	0.0055	U	0.011	U	0.0059	U	0.0059	U
o-Xylene	~	~	**0.0018**	J+	0.00099	U	**0.026**	J+	0.0011	U	0.0022	U	0.0012	U	0.0012	U
p/m-Xylene	~	~	**0.0019**	J+	0.002	U	**0.2**	J+	0.0022	U	0.0045	U	0.0024	U	0.0024	U
Styrene	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0015	U	0.0012	U	0.0012	U
Tetrachloroethene	1.3	19	**0.00048**	J+	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
Toluene	0.7	100	**0.019**	J+	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	0.19	100	**0.00046**	J+	0.0015	U	**0.01**	J+	0.0016	U	0.0034	U	0.0018	U	0.0018	U
trans-1,3-Dichloropropene	~	~	0.0017	U	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U
Trichloroethene	0.47	21	**0.0012**	J+	0.0005	U	0.028	U	0.00055	U	0.0011	U	0.00059	U	0.00059	U
Trichlorofluoromethane	~	~	0.0068	U	0.004	U	0.22	U	0.0044	U	0.009	U	0.0047	U	0.0047	U
Vinyl chloride	0.02	0.9	**0.0012**	J+	0.00099	U	0.055	U	0.0011	U	0.0022	U	0.0012	U	0.0012	U

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1-Trichloroethane	0.68	100	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
1,1,2,2-Tetrachloroethane	~	~	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
1,1,2-Trichloroethane	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,1-Dichloroethane	0.27	26	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,1-Dichloroethene	0.33	100	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,2,3-Trichlorobenzene	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
1,2,4-Trichlorobenzene	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
1,2-Dibromo-3-chloropropane	~	~	0.0055	U	0.004	U	0.0033	U	0.005	U	0.0028	U	0.0053	U
1,2-Dibromoethane	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,2-Dichlorobenzene	1.1	100	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
1,2-Dichloroethane	0.02	3.1	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,2-Dichloropropane	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
1,3-Dichlorobenzene	2.4	49	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
1,4-Dichlorobenzene	1.8	13	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
1,4-Dioxane	0.1	13	0.15	U	0.11	U	0.087	U	0.13	U	0.074	U	0.14	U
2-Butanone	0.12	100	0.018	U	0.0058	J	0.011	U	**0.019**		0.0092	U	0.018	U
2-Hexanone	~	~	0.018	UJ	0.013	UJ	0.011	UJ	0.016	UJ	0.0092	UJ	0.018	UJ
4-Methyl-2-pentanone	~	~	0.018	U	0.013	U	0.011	U	0.016	U	0.0092	U	0.018	U
Acetone	0.05	100	0.018	U	**0.029**		0.011	U	**0.067**		0.0092	U	0.01	U
Benzene	0.06	4.8	0.00092	U	0.00066	U	0.00028	J	0.00083	U	0.00036	J	0.00088	U
Bromochloromethane	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
Bromodichloromethane	~	~	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
Bromoform	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
Bromomethane	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
Carbon disulfide	~	~	0.018	U	0.013	U	0.011	U	0.016	U	0.0092	U	0.018	U
Carbon tetrachloride	0.76	2.4	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
Chlorobenzene	1.1	100	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
Chloroethane	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
Chloroform	0.37	49	0.0028	U	0.002	U	0.0016	U	0.0025	U	0.0014	U	0.0026	U
Chloromethane	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
cis-1,2-Dichloroethene	0.25	100	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
cis-1,3-Dichloropropene	~	~	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
Cyclohexane	~	~	0.018	U	0.013	U	0.011	U	0.016	U	0.0092	U	0.018	U
Dibromochloromethane	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
Dichlorodifluoromethane	~	~	0.018	U	0.013	U	0.011	U	0.016	U	0.0092	U	0.018	U
Ethylbenzene	1	41	0.0018	U	0.00019	J	0.0011	U	0.0016	U	0.00092	U	0.00036	J
Freon-113	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
Isopropylbenzene	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
Methyl Acetate	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
Methyl cyclohexane	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
Methyl tert butyl ether	0.93	100	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0035	U
Methylene chloride	0.05	100	0.0092	U	0.0066	U	0.0055	U	0.0083	U	0.0046	U	0.0088	U
o-Xylene	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.00065	J
p/m-Xylene	~	~	0.0037	U	0.0027	U	0.0022	U	0.0033	U	0.0018	U	0.0014	J
Styrene	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
Tetrachloroethene	1.3	19	**0.0023**		0.00066	U	0.00046	J	0.00083	U	0.00046	U	0.00088	U
Toluene	0.7	100	0.0018	U	0.0013	U	0.00062	J	0.0016	U	0.00092	U	0.0018	U
trans-1,2-Dichloroethene	0.19	100	0.0028	U	0.002	U	0.0016	U	0.0025	U	0.0014	U	0.0026	U
trans-1,3-Dichloropropene	~	~	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U
Trichloroethene	0.47	21	0.00092	U	0.00066	U	0.00055	U	0.00083	U	0.00046	U	0.00088	U
Trichlorofluoromethane	~	~	0.0074	U	0.0053	U	0.0044	U	0.0066	U	0.0037	U	0.007	U
Vinyl chloride	0.02	0.9	0.0018	U	0.0013	U	0.0011	U	0.0016	U	0.00092	U	0.0018	U

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1-Trichloroethane	0.68	100	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
1,1,2,2-Tetrachloroethane	~	~	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
1,1,2-Trichloroethane	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,1-Dichloroethane	0.27	26	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,1-Dichloroethene	0.33	100	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,2,3-Trichlorobenzene	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
1,2,4-Trichlorobenzene	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
1,2-Dibromo-3-chloropropane	~	~	0.0034	U	0.0034	U	0.0035	U	0.003	U	0.003	U	0.0028	U	0.0031	U
1,2-Dibromoethane	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,2-Dichlorobenzene	1.1	100	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
1,2-Dichloroethane	0.02	3.1	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,2-Dichloropropane	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
1,3-Dichlorobenzene	2.4	49	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
1,4-Dichlorobenzene	1.8	13	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
1,4-Dioxane	0.1	13	0.091	U	0.092	U	0.093	U	0.079	U	0.081	U	0.074	U	0.084	U
2-Butanone	0.12	100	0.011	U	0.0054	J	0.012	U	0.0099	U	0.01	U	0.0092	U	0.01	U
2-Hexanone	~	~	0.011	UJ	0.011	UJ	0.012	UJ	0.0099	UJ	0.01	UJ	0.0092	U	0.01	UJ
4-Methyl-2-pentanone	~	~	0.011	U	0.011	U	0.012	U	0.0099	U	0.01	U	0.0092	U	0.01	U
Acetone	0.05	100	0.011	U	**0.024**		0.012	U	0.0082	U	0.01	U	0.0092	U	0.01	U
Benzene	0.06	4.8	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00025	J
Bromochloromethane	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
Bromodichloromethane	~	~	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
Bromoform	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
Bromomethane	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
Carbon disulfide	~	~	0.011	U	0.011	U	0.012	U	0.0099	U	0.01	U	0.0092	U	0.01	U
Carbon tetrachloride	0.76	2.4	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
Chlorobenzene	1.1	100	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
Chloroethane	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
Chloroform	0.37	49	0.0017	U	0.0017	U	0.0018	U	0.0015	U	0.0015	U	0.0014	U	0.0016	U
Chloromethane	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
cis-1,2-Dichloroethene	0.25	100	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
cis-1,3-Dichloropropene	~	~	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
Cyclohexane	~	~	0.011	U	0.011	U	0.012	U	0.0099	U	0.01	U	0.0092	U	0.01	U
Dibromochloromethane	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
Dichlorodifluoromethane	~	~	0.011	U	0.011	U	0.012	U	0.0099	U	0.01	U	0.0092	U	0.01	U
Ethylbenzene	1	41	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.00057	J	0.00092	U	0.00066	J
Freon-113	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
Isopropylbenzene	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
Methyl Acetate	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
Methyl cyclohexane	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
Methyl tert butyl ether	0.93	100	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.002	U	0.0018	U	0.0021	U
Methylene chloride	0.05	100	0.0057	U	0.0057	U	0.0058	U	0.005	U	0.0051	U	0.0046	U	0.0052	U
o-Xylene	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.00058	J	0.00092	U	0.001	U
p/m-Xylene	~	~	0.0023	U	0.0023	U	0.0023	U	0.002	U	0.0018	J	0.0018	U	0.0021	U
Styrene	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
Tetrachloroethene	1.3	19	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
Toluene	0.7	100	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
trans-1,2-Dichloroethene	0.19	100	0.0017	U	0.0017	U	0.0018	U	0.0015	U	0.0015	U	0.0014	U	0.0016	U
trans-1,3-Dichloropropene	~	~	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U
Trichloroethene	0.47	21	0.00057	U	0.00057	U	0.00058	U	0.0005	U	0.00051	U	0.00046	U	0.00052	U
Trichlorofluoromethane	~	~	0.0046	U	0.0046	U	0.0047	U	0.004	U	0.0041	U	0.0037	U	0.0042	U
Vinyl chloride	0.02	0.9	0.0011	U	0.0011	U	0.0012	U	0.00099	U	0.001	U	0.00092	U	0.001	U

Table 3A
Volatile Organic Compounds (VOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	TRIP BLANK		TRIP BLANK		TRIP BLANK	
Sampling Date			7/1/25		7/2/25		7/8/25	
Laboratory ID			L2541375-15		L2541710-16		L2542557-05	
Sample Matrix			SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual
VOCs	ppm	ppm	ppm		ppm		ppm	
1,1,1-Trichloroethane	0.68	100	0.0005	U	0.0005	U	0.0005	U
1,1,2,2-Tetrachloroethane	~	~	0.0005	U	0.0005	U	0.0005	U
1,1,2-Trichloroethane	~	~	0.001	U	0.001	U	0.001	U
1,1-Dichloroethane	0.27	26	0.001	U	0.001	U	0.001	U
1,1-Dichloroethene	0.33	100	0.001	U	0.001	U	0.001	U
1,2,3-Trichlorobenzene	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U	0.003	U	0.003	U
1,2-Dibromoethane	~	~	0.001	U	0.001	U	0.001	U
1,2-Dichlorobenzene	1.1	100	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	0.02	3.1	0.001	U	0.001	U	0.001	U
1,2-Dichloropropane	~	~	0.001	U	0.001	U	0.001	U
1,3-Dichlorobenzene	2.4	49	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	1.8	13	0.002	U	0.002	U	0.002	U
1,4-Dioxane	0.1	13	0.08	U	0.08	U	0.08	U
2-Butanone	0.12	100	0.01	U	0.01	U	0.01	U
2-Hexanone	~	~	0.01	U	0.01	U	0.01	U
4-Methyl-2-pentanone	~	~	0.01	U	0.01	U	0.01	U
Acetone	0.05	100	0.01	U	0.01	U	0.01	U
Benzene	0.06	4.8	0.0005	U	0.0005	U	0.0005	U
Bromochloromethane	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	~	~	0.0005	U	0.0005	U	0.0005	U
Bromoform	~	~	0.004	U	0.004	U	0.004	U
Bromomethane	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	~	~	0.01	U	0.01	U	0.01	U
Carbon tetrachloride	0.76	2.4	0.001	U	0.001	U	0.001	U
Chlorobenzene	1.1	100	0.0005	U	0.0005	U	0.0005	U
Chloroethane	~	~	0.002	U	0.002	U	0.002	U
Chloroform	0.37	49	0.0015	U	0.0015	U	0.0015	U
Chloromethane	~	~	0.004	U	0.004	U	0.004	U
cis-1,2-Dichloroethene	0.25	100	0.001	U	0.001	U	0.001	U
cis-1,3-Dichloropropene	~	~	0.0005	U	0.0005	U	0.0005	U
Cyclohexane	~	~	0.01	U	0.01	U	0.01	U
Dibromochloromethane	~	~	0.001	U	0.001	U	0.001	U
Dichlorodifluoromethane	~	~	0.01	U	0.01	U	0.01	U
Ethylbenzene	1	41	0.001	U	0.001	U	0.001	U
Freon-113	~	~	0.004	U	0.004	U	0.004	U
Isopropylbenzene	~	~	0.001	U	0.001	U	0.001	U
Methyl Acetate	~	~	0.004	U	0.004	U	0.004	U
Methyl cyclohexane	~	~	0.004	U	0.004	U	0.004	U
Methyl tert butyl ether	0.93	100	0.002	U	0.002	U	0.002	U
Methylene chloride	0.05	100	0.005	U	0.005	U	0.005	U
o-Xylene	~	~	0.001	U	0.001	U	0.001	U
p/m-Xylene	~	~	0.002	U	0.002	U	0.002	U
Styrene	~	~	0.001	U	0.001	U	0.001	U
Tetrachloroethene	1.3	19	0.0005	U	0.0005	U	0.0005	U
Toluene	0.7	100	0.001	U	0.001	U	0.001	U
trans-1,2-Dichloroethene	0.19	100	0.0015	U	0.0015	U	0.0015	U
trans-1,3-Dichloropropene	~	~	0.001	U	0.001	U	0.001	U
Trichloroethene	0.47	21	0.0005	U	0.0005	U	0.0005	U
Trichlorofluoromethane	~	~	0.004	U	0.004	U	0.004	U
Vinyl chloride	0.02	0.9	0.001	U	0.001	U	0.001	U

Table 3B
VOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375	NYSDEC Part 375	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)	
Sample Date	Unrestricted Use	Restricted	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix	Soil Cleanup	Residential Soil	Soil		Soil		Soil		Soil		Soil	
Compounds	Objectives	Cleanup Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
1,1,1,2-Tetrachloroethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1,1-Trichloroethane	0.68	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1,2,2-Tetrachloroethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1,2-Trichloroethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1-Dichloroethane	0.27	26	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,1-Dichloroethylene	0.33	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2,3-Trichlorobenzene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2,3-Trichloropropane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2,4-Trichlorobenzene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2,4-Trimethylbenzene	3.6	52	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2-Dibromo-3-chloropropane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2-Dibromoethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2-Dichlorobenzene	1.1	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2-Dichloroethane	0.02	3.1	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,2-Dichloropropane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,3,5-Trimethylbenzene	8.4	52	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,3-Dichlorobenzene	2.4	49	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,4-Dichlorobenzene	1.8	13	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
1,4-Dioxane	0.1	13	5.4	U	0.078	U	0.088	U	0.059	U	0.058	U
2-Butanone	0.12	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
2-Hexanone	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
4-Methyl-2-pentanone	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Acetone	0.05	100	0.54	U	0.0078	U	**0.022**		0.0059	U	0.0058	U
Acrolein	~	~	0.54	U	0.0078	U	0.0088	U	0.0059	U	0.0058	U
Acrylonitrile	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Benzene	0.06	4.8	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Bromochloromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Bromodichloromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Bromoform	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Bromomethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Carbon disulfide	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Carbon tetrachloride	0.76	2.4	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Chlorobenzene	1.1	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Chloroethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Chloroform	0.37	49	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Chloromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
cis-1,2-Dichloroethylene	0.25	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
cis-1,3-Dichloropropylene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Cyclohexane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Dibromochloromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Dibromomethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Dichlorodifluoromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Ethyl Benzene	1	41	**0.48**	**J**	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Hexachlorobutadiene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Isopropylbenzene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Methyl acetate	~	~	0.27	U	0.0039	U	**0.016**		0.0029	U	0.0029	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Methylcyclohexane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Methylene chloride	0.05	100	5.10	**U**	**0.11**		**0.035**		**0.021**		**0.040**	
n-Butylbenzene	12	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
n-Propylbenzene	3.9	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
o-Xylene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
p- & m- Xylenes	~	~	0.54	U	0.0078	U	0.0088	U	0.0059	U	0.0058	U
p-Isopropyltoluene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
sec-Butylbenzene	11	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Styrene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
tert-Butyl alcohol (TBA)	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
tert-Butylbenzene	5.9	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Tetrachloroethylene	1.3	19	0.27	UJ	0.0039	UJ	0.0044	UJ	0.0029	UJ	0.0029	UJ
Toluene	0.7	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
trans-1,2-Dichloroethylene	0.19	100	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
trans-1,3-Dichloropropylene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
trans-1,4-dichloro-2-butene	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Trichloroethylene	0.47	21	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Trichlorofluoromethane	~	~	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Vinyl Chloride	0.02	0.9	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U
Xylenes, Total	0.26	100	0.80	U	0.012	U	0.013	U	0.0088	U	0.0087	U

Table 3B
VOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375	NYSDEC Part 375	SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)	
Sample Date	Unrestricted Use	Restricted	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix	Soil Cleanup	Residential Soil	Soil		Soil		Soil		Soil		Soil		Soil	
Compounds	Objectives	Cleanup Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1,2-Tetrachloroethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1,1-Trichloroethane	0.68	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1,2,2-Tetrachloroethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1,2-Trichloroethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1-Dichloroethane	0.27	26	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,1-Dichloroethylene	0.33	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2,3-Trichlorobenzene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2,3-Trichloropropane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2,4-Trichlorobenzene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2,4-Trimethylbenzene	3.6	52	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**3.7**	**J+**	**0.3**	**J**
1,2-Dibromo-3-chloropropane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2-Dibromoethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2-Dichlorobenzene	1.1	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.27**	**J+**	**0.64**	
1,2-Dichloroethane	0.02	3.1	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,2-Dichloropropane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,3,5-Trimethylbenzene	8.4	52	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.57**	**J+**	0.25	U
1,3-Dichlorobenzene	2.4	49	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
1,4-Dichlorobenzene	1.8	13	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.97**	**J+**	**3.40**	
1,4-Dioxane	0.1	13	0.13	U	0.047	U	0.036	U	0.056	U	5.00	U	5.00	U
2-Butanone	0.12	100	0.0065	U	**0.0035**	**J**	0.0018	U	0.0028	U	0.25	U	0.25	U
2-Hexanone	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
4-Methyl-2-pentanone	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Acetone	0.05	100	0.013	U	**0.011**		0.0036	U	**0.0079**	**J**	0.50	U	0.50	U
Acrolein	~	~	0.013	U	0.0047	U	0.0036	U	0.0056	U	0.50	U	0.50	U
Acrylonitrile	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Benzene	0.06	4.8	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Bromochloromethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Bromodichloromethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Bromoform	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Bromomethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Carbon disulfide	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Carbon tetrachloride	0.76	2.4	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Chlorobenzene	1.1	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.49**	**J+**	**0.7**	
Chloroethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Chloroform	0.37	49	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Chloromethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
cis-1,2-Dichloroethylene	0.25	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
cis-1,3-Dichloropropylene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Cyclohexane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	**0.77**	
Dibromochloromethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Dibromomethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Dichlorodifluoromethane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Ethyl Benzene	1	41	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Hexachlorobutadiene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Isopropylbenzene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**2.2**	**J+**	**13**	
Methyl acetate	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Methylcyclohexane	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.77**		**4.90**	
Methylene chloride	0.05	100	**0.084**		**0.014**		**0.036**		**0.013**		0.50	U	0.50	U
n-Butylbenzene	12	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**6.7**	**J+**	**25**	
n-Propylbenzene	3.9	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**5.4**		**29**	
o-Xylene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	**0.53**	
p- & m- Xylenes	~	~	0.013	U	0.0047	U	0.0036	U	0.0056	U	0.50	U	**0.59**	**J**
p-Isopropyltoluene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
sec-Butylbenzene	11	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**5.3**	**J+**	**22**	
Styrene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
tert-Butyl alcohol (TBA)	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
tert-Butylbenzene	5.9	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.44**	**J+**	**2.4**	
Tetrachloroethylene	1.3	19	0.0065	UJ	0.0024	UJ	0.0018	UJ	0.0028	UJ	0.25	UJ	0.25	UJ
Toluene	0.7	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
trans-1,2-Dichloroethylene	0.19	100	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
trans-1,3-Dichloropropylene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
trans-1,4-dichloro-2-butene	~	~	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Trichloroethylene	0.47	21	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Trichlorofluoromethane	~	~	0.007	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Vinyl Chloride	0.02	0.9	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U
Xylenes, Total	0.26	100	0.020	U	0.0071	U	0.005	U	0.008	U	0.76	U	**1.1**	**J**

Table 3B
VOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375	NYSDEC Part 375	SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)	
Sample Date	Unrestricted Use	Restricted	9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix	Soil Cleanup	Residential Soil	Soil		Soil		Soil		Soil		Soil		Soil	
Compounds	Objectives	Cleanup Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
VOCs	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,1,1,2-Tetrachloroethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1,1-Trichloroethane	0.68	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1,2,2-Tetrachloroethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1,2-Trichloroethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1-Dichloroethane	0.27	26	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,1-Dichloroethylene	0.33	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2,3-Trichlorobenzene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2,3-Trichloropropane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2,4-Trichlorobenzene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2,4-Trimethylbenzene	3.6	52	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2-Dibromo-3-chloropropane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2-Dibromoethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2-Dichlorobenzene	1.1	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2-Dichloroethane	0.02	3.1	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,2-Dichloropropane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,3,5-Trimethylbenzene	8.4	52	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,3-Dichlorobenzene	2.4	49	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,4-Dichlorobenzene	1.8	13	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
1,4-Dioxane	0.1	13	0.070	U	0.046	U	0.086	U	0.046	U	0.058	U	0.093	U
2-Butanone	0.12	100	0.0035	U	**0.0027**	J	0.0043	U	**0.0099**		**0.0085**		0.0046	U
2-Hexanone	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
4-Methyl-2-pentanone	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Acetone	0.05	100	**0.047**		**0.032**		0.0086	U	**0.057**		**0.050**		**0.028**	
Acrolein	~	~	0.007	U	0.0046	U	0.0086	U	0.0046	U	0.0058	U	0.0093	U
Acrylonitrile	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Benzene	0.06	4.8	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Bromochloromethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Bromodichloromethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Bromoform	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Bromomethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Carbon disulfide	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Carbon tetrachloride	0.76	2.4	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Chlorobenzene	1.1	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Chloroethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Chloroform	0.37	49	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Chloromethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
cis-1,2-Dichloroethylene	0.25	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
cis-1,3-Dichloropropylene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Cyclohexane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Dibromochloromethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Dibromomethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Dichlorodifluoromethane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Ethyl Benzene	1	41	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Hexachlorobutadiene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Isopropylbenzene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Methyl acetate	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Methylcyclohexane	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Methylene chloride	0.05	100	0.0070	U	**0.024**		**0.011**	J	**0.0068**	J	**0.012**		0.0093	U
n-Butylbenzene	12	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
n-Propylbenzene	3.9	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
o-Xylene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
p- & m- Xylenes	~	~	0.007	U	0.0046	U	0.0086	U	0.0046	U	0.0058	U	0.0093	U
p-Isopropyltoluene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
sec-Butylbenzene	11	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Styrene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
tert-Butyl alcohol (TBA)	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
tert-Butylbenzene	5.9	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Tetrachloroethylene	1.3	19	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Toluene	0.7	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
trans-1,2-Dichloroethylene	0.19	100	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
trans-1,3-Dichloropropylene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
trans-1,4-dichloro-2-butene	~	~	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Trichloroethylene	0.47	21	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Trichlorofluoromethane	~	~	0.0035	U	0.0023	U	0.004	U	0.0023	U	0.0029	U	0.0046	U
Vinyl Chloride	0.02	0.9	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U
Xylenes, Total	0.26	100	0.01	U	0.0069	U	0.013	U	0.0069	U	0.0087	U	0.014	U

Table 4A
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID				L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
1,4-Dioxane	0.1	13	N/A	0.026	U	0.028	U	0.031	U	0.25	U	0.03	U
2,3,4,6-Tetrachlorophenol	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
2,4,5-Trichlorophenol	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
2,4,6-Trichlorophenol	~	~	N/A	0.1	U	0.11	U	0.12	U	1	R	0.12	U
2,4-Dichlorophenol	~	~	N/A	0.16	U	0.17	U	0.19	U	1.5	R	0.18	U
2,4-Dimethylphenol	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
2,4-Dinitrophenol	~	~	N/A	0.85	U	0.9	U	1	U	8.1	R	0.95	U
2,4-Dinitrotoluene	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
2,6-Dinitrotoluene	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
2-Chloronaphthalene	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
2-Chlorophenol	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
2-Methylnaphthalene	~	~	N/A	**0.17**	J	**1.6**		**0.36**		**1.5**	J	0.24	U
2-Methylphenol	0.33	100	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
2-Nitroaniline	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
2-Nitrophenol	~	~	N/A	0.38	U	0.4	U	0.45	U	3.7	R	0.43	U
3,3'-Dichlorobenzidine	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
3-Methylphenol/4-Methylphenol	0.33	100	N/A	**0.029**	J	**0.085**	J	**0.66**		2.4	R	**0.1**	J
3-Nitroaniline	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
4,6-Dinitro-o-cresol	~	~	N/A	0.46	U	0.49	U	0.54	U	4.4	R	0.52	U
4-Bromophenyl phenyl ether	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
4-Chloroaniline	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
4-Nitroaniline	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
4-Nitrophenol	~	~	N/A	0.25	U	0.26	U	0.29	U	2.4	R	0.28	U
Acenaphthene	20	100	N/A	**0.35**		**0.65**		**0.25**		**2.8**		**0.028**	J
Acenaphthylene	100	100	N/A	**0.33**	J	**0.089**	J	**0.08**	J	**5.8**		0.16	U
Acetophenone	~	~	N/A	0.18	U	0.19	U	0.21	U	**0.24**	J	0.2	U
Anthracene	100	100	N/A	**0.9**		**0.44**		**0.22**		**6.7**		**0.044**	J
Atrazine	~	~	N/A	0.14	U	0.15	U	0.17	U	1.4	U	0.16	U
Benzaldehyde	~	~	N/A	**0.088**	J	0.25	U	**0.18**	J	2.2	U	**0.086**	J
Benzo(a)anthracene	1	1	1	**1.6**		**0.36**		**0.52**		**9.8**		**0.15**	
Benzo(a)pyrene	1	1	22	**1.5**		**0.31**		**0.44**		**12**		**0.14**	J
Benzo(b)fluoranthene	1	1	1.7	**1.6**		**0.34**		**0.56**		**14**		**0.18**	
Benzo(ghi)perylene	100	100	N/A	**0.9**		**0.19**		**0.29**		**14**		**0.26**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.56**		**0.12**		**0.18**		**4.1**		**0.067**	J
Biphenyl	~	~	N/A	**0.062**	J	**0.09**	J	**0.029**	J	**0.45**	J	0.45	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.19	U	0.2	U	0.22	U	1.8	U	0.21	U
Bis(2-chloroethyl)ether	~	~	N/A	0.16	U	0.17	U	0.19	U	1.5	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.21	U	0.22	U	0.25	U	2	U	0.24	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.18	U	**0.07**	J	0.21	U	1.7	U	0.2	U
Butyl benzyl phthalate	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Caprolactam	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Carbazole	~	~	N/A	**0.36**		**0.21**		**0.046**	J	**2.1**		**0.019**	J
Chrysene	1	3.9	1	**1.6**		**0.36**		**0.51**		**9.5**		**0.14**	
Di-n-butylphthalate	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Di-n-octylphthalate	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.21**		**0.042**	J	**0.068**	J	**1.4**		**0.027**	J
Dibenzofuran	7	59	N/A	**0.33**		**0.45**		**0.1**	J	**2.5**		0.2	U
Diethyl phthalate	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Dimethyl phthalate	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Fluoranthene	100	100	N/A	**3.4**		**1.1**		**1**		**20**		**0.25**	
Fluorene	30	100	N/A	**0.44**		**0.65**		**0.2**	J	3.7		**0.022**	J
Hexachlorobenzene	0.33	1.2	N/A	0.1	U	0.11	U	0.12	U	1	U	0.12	U
Hexachlorobutadiene	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	UJ	0.2	U
Hexachlorocyclopentadiene	~	~	N/A	0.5	UJ	0.54	UJ	0.6	UJ	4.8	U	0.57	UJ
Hexachloroethane	~	~	N/A	0.14	U	0.15	U	0.17		1.4	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**0.87**		**0.17**		**0.29**		**9.2**		**0.19**	
Isophorone	~	~	N/A	0.16	U	0.17	U	0.19	U	1.5	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	U	0.2	U
Naphthalene	12	100	N/A	**0.32**		**5.7**		**1.1**		**2.5**		**0.053**	J
NDPA/DPA	~	~	N/A	0.14	U	0.15	U	0.17	U	1.4	U	0.16	U
Nitrobenzene	~	~	N/A	0.16	U	0.17	U	0.19	U	1.5	U	0.18	U
p-Chloro-m-cresol	~	~	N/A	0.18	U	0.19	U	0.21	U	1.7	R	0.2	U
Pentachlorophenol	0.8	6.7	N/A	0.14	U	0.15	U	0.17	U	1.4	R	0.16	U
Phenanthrene	100	100	N/A	**3.6**		**1.6**		**0.84**		**23**		**0.17**	
Phenol	0.33	100	N/A	0.18	U	0.19	U	**0.033**	J	1.7	R	0.2	U
Pyrene	100	100	N/A	**2.8**		**0.94**		**0.91**		**21**		**0.21**	

Table 4A
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)		25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID				L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10		L2541710-11		L2541710-12	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
1,4-Dioxane	0.1	13	N/A	0.036	U	0.028	U	0.29	U	0.029	U	0.032	U	0.032	U	0.029	U
2,3,4,6-Tetrachlorophenol	~	~	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	UJ	0.19	U
2,4,5-Trichlorophenol	~	~	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	U	0.19	U
2,4,6-Trichlorophenol	~	~	N/A	0.14	U	0.11	U	1.2	R	0.12	U	0.13	U	0.13	U	0.12	U
2,4-Dichlorophenol	~	~	N/A	0.22	U	0.17	U	1.7	R	0.17	U	0.19	U	0.19	U	0.18	U
2,4-Dimethylphenol	~	~	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	U	0.19	U
2,4-Dinitrophenol	~	~	N/A	1.1	U	0.91	U	9.3	R	0.93	U	1	U	1	R	0.93	U
2,4-Dinitrotoluene	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
2,6-Dinitrotoluene	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
2-Chloronaphthalene	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
2-Chlorophenol	~	~	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	U	0.19	U
2-Methylnaphthalene	~	~	N/A	**0.11**	J	**0.27**		**1.1**	J	**0.48**		**0.12**	J	**0.062**	J	**0.7**	
2-Methylphenol	0.33	100	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	U	0.19	U
2-Nitroaniline	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
2-Nitrophenol	~	~	N/A	0.52	U	0.41	U	4.2	R	0.42	U	0.45	U	0.47	U	0.42	U
3,3'-Dichlorobenzidine	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
3-Methylphenol/4-Methylphenol	0.33	100	N/A	**0.052**	J	**0.13**	J	2.8	R	0.28	U	**0.62**		**0.09**	J	**0.21**	J
3-Nitroaniline	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
4,6-Dinitro-o-cresol	~	~	N/A	0.62	U	0.49	U	5	R	0.5	U	0.55	U	0.56	R	0.51	U
4-Bromophenyl phenyl ether	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
4-Chloroaniline	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
4-Nitroaniline	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
4-Nitrophenol	~	~	N/A	0.33	U	0.26	U	2.7	R	0.27	U	0.29	U	0.3	U	0.27	U
Acenaphthene	20	100	N/A	**0.12**	J	**0.8**		**2.1**		**0.72**		**0.26**		**0.18**		**1**	
Acenaphthylene	100	100	N/A	**0.15**	J	**0.14**	J	**4**		**0.13**	J	**0.05**	J	**0.16**	J	0.16	U
Acetophenone	~	~	N/A	0.24	U	**0.044**	J	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Anthracene	100	100	N/A	**0.3**		**1.2**		**6.5**		**0.62**		**0.72**		**0.4**		**0.3**	
Atrazine	~	~	N/A	0.19	U	0.15	U	1.6	U	0.15	U	0.17	U	0.17	U	0.16	U
Benzaldehyde	~	~	N/A	**0.13**	J	0.46		**0.55**	J	0.26	U	**0.095**	J	0.28	U	0.26	U
Benzo(a)anthracene	1	1	1	**0.92**		**2.2**		**17**		**1.1**		**2**		**1**		**0.69**	
Benzo(a)pyrene	1	1	22	**0.87**		**1.9**		**16**		0.93		**1.6**		**1**		**0.61**	
Benzo(b)fluoranthene	1	1	1.7	**1.1**		**2.4**		**18**		**1.1**		**1.9**		**1.2**		**0.8**	
Benzo(ghi)perylene	100	100	N/A	**0.4**		**0.82**		**8.7**		**0.49**		**0.64**		**0.68**		**0.38**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.39**		**0.88**		**5.6**		**0.42**		**0.65**		**0.37**		**0.21**	
Biphenyl	~	~	N/A	**0.055**	J	**0.088**	J	**0.29**	J	**0.18**	J	**0.04**	J	0.49	U	**0.19**	J
Bis(2-chloroethoxy)methane	~	~	N/A	0.26	U	0.2	U	2.1	U	0.21	U	0.23	U	0.23	U	0.21	U
Bis(2-chloroethyl)ether	~	~	N/A	0.22	U	0.17	U	1.7	U	0.17	U	0.19	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.29	U	0.23	U	2.3	U	0.23	U	0.25	U	0.26	U	0.23	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.24	U	**0.09**	J	**3.3**		**0.1**	J	**0.11**	J	**0.12**	J	0.19	U
Butyl benzyl phthalate	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Caprolactam	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Carbazole	~	~	N/A	**0.12**	J	**0.47**		**1.3**	J	**0.26**		**0.13**	J	**0.14**	J	**0.3**	
Chrysene	1	3.9	1	**0.94**		**2.2**		**16**		**1.1**		**2.1**		**1.1**		**0.72**	
Di-n-butylphthalate	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Di-n-octylphthalate	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.08**	J	**0.18**		**2**		**0.097**	J	**0.18**		**0.13**		**0.092**	J
Dibenzofuran	7	59	N/A	**0.12**	J	**0.42**		**1.4**	J	**0.19**		**0.16**	J	**0.091**	J	**0.54**	
Diethyl phthalate	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Dimethyl phthalate	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Fluoranthene	100	100	N/A	**1.8**		**4.6**		**28**		**2.2**		**3.4**		**2**		**1.7**	
Fluorene	30	100	N/A	**0.14**	J	**0.67**		**2.1**		**0.36**		**0.28**		**0.19**	J	**0.98**	
Hexachlorobenzene	0.33	1.2	N/A	0.14	U	0.11	U	1.2	U	0.12	U	0.13	U	0.13	U	0.12	U
Hexachlorobutadiene	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Hexachlorocyclopentadiene	~	~	N/A	0.68	UJ	0.54	UJ	5.6	UJ	0.55	UJ	0.6	UJ	0.62	R	0.56	UJ
Hexachloroethane	~	~	N/A	0.19	U	0.15	U	1.6	U	0.15	U	0.17	U	0.17	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**0.4**		**0.9**		**7.9**		0.44		**0.65**		**0.62**		**0.36**	
Isophorone	~	~	N/A	0.22	U	0.17	U	1.7	U	0.17	U	0.19	U	0.19	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	N/A	0.24	U	0.19	U	1.9	U	0.19	U	0.21	U	0.22	U	0.19	U
Naphthalene	12	100	N/A	**0.45**		**1.9**		**2.2**		**2.2**		**0.32**		**0.22**		**1.9**	
NDPA/DPA	~	~	N/A	0.19	U	0.15	U	1.6	U	0.15	U	0.17	U	0.17	U	0.16	U
Nitrobenzene	~	~	N/A	0.22	U	0.17	U	1.7	U	0.17	U	0.19	U	0.19	U	0.18	U
p-Chloro-m-cresol	~	~	N/A	0.24	U	0.19	U	1.9	R	0.19	U	0.21	U	0.22	U	0.19	U
Pentachlorophenol	0.8	6.7	N/A	0.19	U	0.15	U	1.6	R	0.15	U	0.17	U	0.17	R	0.16	U
Phenanthrene	100	100	N/A	**1.3**		**4.7**		**26**		**2.6**		**2.5**		**1.9**		**1.5**	
Phenol	0.33	100	N/A	0.24	U	**0.047**	J	1.9	R	0.19	U	**0.08**	J	0.22	U	**0.043**	J
Pyrene	100	100	N/A	**1.6**		**3.9**		**31**		**2.1**		**3**		**1.9**		**1.4**	

Table 4A
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)		25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/8/25		7/8/25		7/8/25		7/8/25	
Laboratory ID				L2541710-13		L2542557-14		L2542557-15		L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
1,4-Dioxane	0.1	13	N/A	0.03	U	0.13	U	0.028	U	0.028	U	0.22	U	0.14	U	0.03	U
2,3,4,6-Tetrachlorophenol	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2,4,5-Trichlorophenol	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2,4,6-Trichlorophenol	~	~	N/A	0.12	U	0.54	U	0.11	U	0.11	U	0.88	U	0.55	U	0.12	U
2,4-Dichlorophenol	~	~	N/A	0.18	U	0.81	U	0.17	U	0.17	U	1.3	U	0.83	U	0.18	U
2,4-Dimethylphenol	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	**0.48**	J	0.92	U	0.2	U
2,4-Dinitrophenol	~	~	N/A	0.96	U	4.3	U	0.9	U	0.89	U	7	U	4.4	U	0.95	U
2,4-Dinitrotoluene	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2,6-Dinitrotoluene	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2-Chloronaphthalene	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2-Chlorophenol	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2-Methylnaphthalene	~	~	N/A	**3.3**		**17**		**5.2**		**0.12**	J	**3.4**		**0.59**	J	**0.066**	J
2-Methylphenol	0.33	100	N/A	0.2	U	0.9	U	0.19	U	0.18	U	**0.48**	J	0.92	U	0.2	U
2-Nitroaniline	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
2-Nitrophenol	~	~	N/A	0.43	U	1.9	U	0.41	U	0.4	U	3.2	U	2	U	0.43	U
3,3'-Dichlorobenzidine	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
3-Methylphenol/4-Methylphenol	0.33	100	N/A	**0.18**	J	1.3	U	0.27	U	0.27	U	**1.3**	J	**0.22**	J	**0.69**	
3-Nitroaniline	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
4,6-Dinitro-o-cresol	~	~	N/A	0.52	U	2.3	U	0.49	U	0.48	U	3.8	U	2.4	U	0.52	U
4-Bromophenyl phenyl ether	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
4-Chloroaniline	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
4-Nitroaniline	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
4-Nitrophenol	~	~	N/A	0.28	U	1.2	U	0.26	U	0.26	U	2	U	1.3	U	0.28	U
Acenaphthene	20	100	N/A	**0.31**		**1.5**		**16**	J	**0.27**		**7.4**		**1.7**		**0.1**	J
Acenaphthylene	100	100	N/A	**1.6**	J	**0.59**	J	0.15	U	**0.14**	J	**1.2**		**2**		**0.08**	J
Acetophenone	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Anthracene	100	100	N/A	**1.8**		**1.7**		**4.1**		**0.48**		**11**		**5.7**		**0.21**	
Atrazine	~	~	N/A	0.16	U	0.72	U	0.15	U	0.15	U	1.2	U	0.74	U	0.16	U
Benzaldehyde	~	~	N/A	0.26	U	1.2	U	0.25	U	0.24	U	1.9	U	1.2	U	0.26	U
Benzo(a)anthracene	1	1	1	**1.7**		**3**		**6.3**		**1.2**		**20**		**12**		**0.48**	
Benzo(a)pyrene	1	1	22	**1.5**		**2.6**		**5.5**		**1**		**17**		**9**		**0.42**	
Benzo(b)fluoranthene	1	1	1.7	**1.4**		**3.1**		**7**		**1.3**		**22**		**11**		**0.52**	
Benzo(ghi)perylene	100	100	N/A	**1.4**		**1.5**		**3.4**		**0.66**		**9.8**		**5.1**		**0.22**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.4**		**0.97**		**2**		**0.33**		**5.1**		**4.3**		**0.16**	
Biphenyl	~	~	N/A	**0.28**	J	**0.21**	J	**0.16**	J	**0.029**	J	**0.82**	J	**0.19**	J	**0.026**	J
Bis(2-chloroethoxy)methane	~	~	N/A	0.22	U	0.97	U	0.2	U	0.2	U	1.6	U	1	U	0.21	U
Bis(2-chloroethyl)ether	~	~	N/A	0.18	U	0.81	U	0.17	U	0.17	U	1.3	U	0.83	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.24	U	1.1	U	0.23	U	0.22	U	1.8	U	1.1	U	0.24	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	**1.3**		**3.2**		**0.26**		0.18	U	1.5	U	0.92	U	0.2	U
Butyl benzyl phthalate	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	**5.8**	J	0.2	U
Caprolactam	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Carbazole	~	~	N/A	**0.12**	J	**0.67**	J	**1.7**		**0.23**		**5.5**		**2.8**		**0.068**	J
Chrysene	1	3.9	1	**1.7**		**3**		**6.1**		**1.1**		**20**		**10**		**0.43**	
Di-n-butylphthalate	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Di-n-octylphthalate	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.28**		**0.39**	J	**0.93**		**0.14**		**2.4**		**1.4**		**0.065**	J
Dibenzofuran	7	59	N/A	**0.21**		**0.99**		**3.1**		**0.17**	J	**5.2**		**1.1**		**0.094**	J
Diethyl phthalate	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Dimethyl phthalate	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Fluoranthene	100	100	N/A	**2**		**6.4**		**21**	J	**2.2**		**43**		**23**		**0.78**	
Fluorene	30	100	N/A	**0.64**		**2**		**6.4**		**0.22**		**6.3**		**1.5**		**0.12**	J
Hexachlorobenzene	0.33	1.2	N/A	0.12	U	0.54	U	0.11	U	0.11	U	0.88	U	0.55	U	0.12	U
Hexachlorobutadiene	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Hexachlorocyclopentadiene	~	~	N/A	0.57	UJ	2.6	UJ	0.54	UJ	0.53	U	4.2	U	2.6	U	0.57	U
Hexachloroethane	~	~	N/A	0.16	U	0.72	U	0.15	U	0.15	U	1.2	U	0.74	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**1**		**1.4**		**3.2**		**0.6**		**9.2**		**5.1**		**0.24**	
Isophorone	~	~	N/A	0.18	U	0.81	U	0.17	U	0.17	U	1.3	U	0.83	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Naphthalene	12	100	N/A	**2.3**		**2.2**		**3.2**		**0.29**		**8.2**		**0.81**	J	**0.21**	
NDPA/DPA	~	~	N/A	0.16	U	0.72	U	0.15	U	0.15	U	1.2	U	0.74	U	0.16	U
Nitrobenzene	~	~	N/A	0.18	U	0.81	U	0.17	U	0.17	U	1.3	U	0.83	U	0.18	U
p-Chloro-m-cresol	~	~	N/A	0.2	U	0.9	U	0.19	U	0.18	U	1.5	U	0.92	U	0.2	U
Pentachlorophenol	0.8	6.7	N/A	0.16	U	0.72	U	0.15	U	0.15	U	1.2	U	0.74	U	0.16	U
Phenanthrene	100	100	N/A	**3.7**		**8.4**		**29**	J	**2.1**		**49**		**22**		**0.6**	
Phenol	0.33	100	N/A	0.2	U	0.9	U	0.19	U	0.18	U	**0.53**	J	0.92	U	**0.057**	J
Pyrene	100	100	N/A	**3.1**		**5.9**		**18**	J	**2**		**37**		**18**		**0.7**	

Table 4A
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date				7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID				L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
1,4-Dioxane	0.1	13	N/A	0.032	U	0.03	U	0.031	U	0.034	U	0.14	U	0.03	U
2,3,4,6-Tetrachlorophenol	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2,4,5-Trichlorophenol	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2,4,6-Trichlorophenol	~	~	N/A	0.13	U	0.12	U	0.12	U	0.14	U	0.54	U	0.12	U
2,4-Dichlorophenol	~	~	N/A	0.19	U	0.18	U	0.19	U	0.2	U	0.81	U	0.18	U
2,4-Dimethylphenol	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2,4-Dinitrophenol	~	~	N/A	1	U	0.96	U	1	U	1.1	U	4.3	U	0.96	U
2,4-Dinitrotoluene	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2,6-Dinitrotoluene	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2-Chloronaphthalene	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2-Chlorophenol	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2-Methylnaphthalene	~	~	N/A	**0.69**		**0.053**	J	**0.086**	J	**1.9**		1.1	U	**0.046**	J
2-Methylphenol	0.33	100	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2-Nitroaniline	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
2-Nitrophenol	~	~	N/A	0.46	U	0.43	U	0.45	U	0.49	U	2	U	0.43	U
3,3'-Dichlorobenzidine	~	~	N/A	0.21	UJ	0.2	UJ	0.21	UJ	0.22	UJ	0.9	UJ	0.2	UJ
3-Methylphenol/4-Methylphenol	0.33	100	N/A	**2.5**		0.29	U	0.3	U	**0.15**	J	1.3	U	0.29	U
3-Nitroaniline	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
4,6-Dinitro-o-cresol	~	~	N/A	0.55	U	0.52	U	0.54	U	0.59	U	2.4	U	0.52	U
4-Bromophenyl phenyl ether	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
4-Chloroaniline	~	~	N/A	0.21	UJ	0.2	UJ	0.21	UJ	0.22	UJ	0.9	UJ	0.2	UJ
4-Chlorophenyl phenyl ether	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
4-Nitroaniline	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
4-Nitrophenol	~	~	N/A	0.3	U	0.28	U	0.29	U	0.32	U	1.3	U	0.28	U
Acenaphthene	20	100	N/A	**0.5**		**0.077**	J	**0.26**		**7**		**0.13**	J	**0.064**	J
Acenaphthylene	100	100	N/A	**0.42**		**0.074**	J	**0.23**		**1.7**		**5**		**0.16**	
Acetophenone	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	**0.14**	J	0.2	U
Anthracene	100	100	N/A	**0.94**		**0.39**		**0.74**		**2.9**		**0.78**		**0.14**	
Atrazine	~	~	N/A	0.17	U	0.16	U	0.17	U	0.18	U	0.72	U	0.16	U
Benzaldehyde	~	~	N/A	0.28	U	0.26	U	0.28	U	0.3	U	1.2	U	0.26	U
Benzo(a)anthracene	1	1	1	**0.95**		**0.28**		**2.2**		**4.6**		**13**		**0.44**	
Benzo(a)pyrene	1	1	22	**0.72**		**0.17**		**2.1**		**6.6**		**20**		**0.55**	
Benzo(b)fluoranthene	1	1	1.7	**0.94**		**0.18**		**2.6**		**5.7**		**18**		**0.65**	
Benzo(ghi)perylene	100	100	N/A	**0.41**		**0.15**	J	**1.4**		**5.2**		**19**		**0.42**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.26**		**0.054**	J	**0.68**		**1.2**		**3.8**		**0.22**	
Biphenyl	~	~	N/A	**0.34**	J	**0.026**	J	**0.036**	J	**1.3**		2.1	U	0.46	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.23	U	0.22	U	0.22	U	0.24	U	0.98	U	0.22	U
Bis(2-chloroethyl)ether	~	~	N/A	0.19	U	0.18	U	0.19	U	0.2	U	0.81	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.25	U	0.24	U	0.25	U	0.27	U	1.1	U	0.24	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Butyl benzyl phthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Caprolactam	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Carbazole	~	~	N/A	**0.31**		0.2	U	**0.31**		**0.081**	J	0.9	U	**0.12**	J
Chrysene	1	3.9	1	**0.97**		**0.22**		**2.2**		**4.4**		**12**		**0.53**	
Di-n-butylphthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Di-n-octylphthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.1**	J	0.12	U	**0.32**		**0.49**		**1.8**		**0.083**	J
Dibenzofuran	7	59	N/A	**0.36**		0.2	U	**0.15**	J	**0.073**	J	0.9	U	**0.11**	J
Diethyl phthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Dimethyl phthalate	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Fluoranthene	100	100	N/A	**2.1**		**1**		**4.1**		**6.9**		**20**		**1.2**	
Fluorene	30	100	N/A	**0.64**		**0.12**	J	**0.26**		**1.4**		0.9	U	**0.13**	J
Hexachlorobenzene	0.33	1.2	N/A	0.13	U	0.12	U	0.12	U	0.14	U	0.54	U	0.12	U
Hexachlorobutadiene	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Hexachlorocyclopentadiene	~	~	N/A	0.61	U	0.57	U	0.6	U	0.64	U	2.6	U	0.58	U
Hexachloroethane	~	~	N/A	0.17	U	0.16	U	0.17	U	0.18	U	0.72	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**0.36**		**0.098**	J	**1.3**		**3.3**		**12**		**0.34**	
Isophorone	~	~	N/A	0.19	U	0.18	U	0.19	U	0.2	U	0.81	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Naphthalene	12	100	N/A	**4**		**0.2**		**0.22**		**31**	J	**0.21**	J	**0.19**	J
NDPA/DPA	~	~	N/A	0.17	U	0.16	U	0.17	U	0.18	U	0.72	U	0.16	U
Nitrobenzene	~	~	N/A	0.19	U	0.18	U	0.19	U	0.2	U	0.81	U	0.18	U
p-Chloro-m-cresol	~	~	N/A	0.21	U	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Pentachlorophenol	0.8	6.7	N/A	0.17	U	0.16	U	0.17	U	0.18	U	0.72	U	0.16	U
Phenanthrene	100	100	N/A	**3.2**		**1.4**		**2.8**		**2.2**		**0.58**		**1**	
Phenol	0.33	100	N/A	**0.14**	J	0.2	U	0.21	U	0.22	U	0.9	U	0.2	U
Pyrene	100	100	N/A	**2.2**		**1.9**		**3.7**		**12**	J	**59**	J	**1**	

Table 4A
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date				7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID				L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
1,4-Dioxane	0.1	13	N/A	0.027	U	0.03	U	0.028	U	0.029	U	0.028	U	0.028	U	0.028	U
2,3,4,6-Tetrachlorophenol	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2,4,5-Trichlorophenol	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2,4,6-Trichlorophenol	~	~	N/A	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
2,4-Dichlorophenol	~	~	N/A	0.16	U	0.18	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U
2,4-Dimethylphenol	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2,4-Dinitrophenol	~	~	N/A	0.86	U	0.95	U	0.89	U	0.94	U	0.89	U	0.89	U	0.9	U
2,4-Dinitrotoluene	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2,6-Dinitrotoluene	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2-Chloronaphthalene	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2-Chlorophenol	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2-Methylnaphthalene	~	~	N/A	**0.083**	J	**22**	J	**0.23**		**0.1**	J	**0.094**	J	0.22	U	**0.05**	J
2-Methylphenol	0.33	100	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2-Nitroaniline	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
2-Nitrophenol	~	~	N/A	0.39	U	0.43	U	0.4	U	0.42	U	0.4	U	0.4	U	0.4	U
3,3'-Dichlorobenzidine	~	~	N/A	0.18	UJ	0.2	UJ	0.18	UJ	0.2	UJ	0.18	UJ	0.19	UJ	0.19	UJ
3-Methylphenol/4-Methylphenol	0.33	100	N/A	**0.082**	J	**0.069**	J	**0.078**	J	0.28	U	0.27	U	0.27	U	**0.059**	J
3-Nitroaniline	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
4,6-Dinitro-o-cresol	~	~	N/A	0.47	U	0.51	U	0.48	U	0.51	U	0.48	U	0.48	U	0.49	U
4-Bromophenyl phenyl ether	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
4-Chloroaniline	~	~	N/A	0.18	UJ	0.2	UJ	0.18	UJ	0.2	UJ	0.18	UJ	0.19	UJ	0.19	UJ
4-Chlorophenyl phenyl ether	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
4-Nitroaniline	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
4-Nitrophenol	~	~	N/A	0.25	U	0.28	U	0.26	U	0.27	U	0.26	U	0.26	U	0.26	U
Acenaphthene	20	100	N/A	**0.25**		**34**	J	**0.68**		**0.37**		**0.27**		0.15	U	**0.064**	J
Acenaphthylene	100	100	N/A	**0.19**		**0.16**		**0.86**		**0.11**	J	**0.085**	J	**0.032**	J	**0.087**	J
Acetophenone	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Anthracene	100	100	N/A	**0.6**		**1.4**		**1.8**		**0.84**		**0.5**		0.11	U	**0.17**	
Atrazine	~	~	N/A	0.14	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U
Benzaldehyde	~	~	N/A	0.24	U	0.26	U	0.24	U	0.26	U	0.24	U	0.24	U	0.25	U
Benzo(a)anthracene	1	1	1	**1.3**		**0.36**		**4.4**		**2**		**1.4**		**0.055**	J	**0.46**	
Benzo(a)pyrene	1	1	22	**1.1**		**0.3**		**3.7**		**1.7**		**1.3**		**0.08**	J	**0.38**	
Benzo(b)fluoranthene	1	1	1.7	**1.3**		**0.39**		**5.1**		**2.2**		**1.5**		**0.081**	J	**0.49**	
Benzo(ghi)perylene	100	100	N/A	**0.64**		**0.16**		**2.5**		**1**		**0.83**		**0.086**	J	**0.24**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.45**		**0.11**	J	**1.1**		**0.57**		**0.55**		**0.03**	J	**0.12**	
Biphenyl	~	~	N/A	**0.025**	J	**5.6**		**0.067**	J	**0.08**	J	0.42	U	0.42	U	0.43	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.19	U	0.21	U	0.2	U	0.21	U	0.2	U	0.2	U	0.2	U
Bis(2-chloroethyl)ether	~	~	N/A	0.16	U	0.18	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.22	U	0.24	U	0.22	U	0.23	U	0.22	U	0.22	U	0.22	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Butyl benzyl phthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Caprolactam	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Carbazole	~	~	N/A	**0.13**	J	**0.032**	J	**0.84**		**0.3**		**0.34**		0.19	U	**0.067**	J
Chrysene	1	3.9	1	**1.2**		**0.37**		**4**		**2**		**1.4**		**0.052**	J	**0.44**	
Di-n-butylphthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Di-n-octylphthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.17**		**0.045**	J	**0.62**		**0.26**		**0.18**		0.11	U	**0.057**	J
Dibenzofuran	7	59	N/A	**0.16**	J	0.2	U	**0.44**		**0.21**		**0.15**	J	0.19	U	**0.043**	J
Diethyl phthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Dimethyl phthalate	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Fluoranthene	100	100	N/A	**2.2**		**0.83**		**7.3**	J	**4**		**3**		**0.078**	J	**0.96**	
Fluorene	30	100	N/A	**0.28**		**18**	J	**0.65**		**0.35**		**0.19**		0.19	U	**0.056**	J
Hexachlorobenzene	0.33	1.2	N/A	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Hexachlorobutadiene	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Hexachlorocyclopentadiene	~	~	N/A	0.52	U	0.57	U	0.53	U	0.56	U	0.53	U	0.53	U	0.54	U
Hexachloroethane	~	~	N/A	0.14	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**0.59**		**0.16**		**2.3**		**1**		**0.77**		**0.056**	J	**0.21**	
Isophorone	~	~	N/A	0.16	U	0.18	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U
n-Nitrosodi-n-propylamine	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Naphthalene	12	100	N/A	**0.26**		**44**	J	**0.4**		**0.49**		**0.21**		**0.096**	J	**0.18**	J
NDPA/DPA	~	~	N/A	0.14	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U
Nitrobenzene	~	~	N/A	0.16	U	0.18	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U
p-Chloro-m-cresol	~	~	N/A	0.18	U	0.2	U	0.18	U	0.2	U	0.18	U	0.19	U	0.19	U
Pentachlorophenol	0.8	6.7	N/A	0.14	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U
Phenanthrene	100	100	N/A	**2**		**24**	J	**6.5**		**3.9**		**2.7**		**0.075**	J	**0.67**	
Phenol	0.33	100	N/A	0.18	U	0.2	U	**0.047**	J	0.2	U	0.18	U	0.19	U	0.19	U
Pyrene	100	100	N/A	**2.1**		**0.75**		**7.4**		**3.6**		**2.6**		**0.097**	J	**0.94**	

Table 4B
SVOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)	
Sample Date				9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix				Soil		Soil		Soil		Soil		Soil	
Compounds				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
1,4-Dioxane	0.1	13	N/A	0.019	U	0.018	U	0.019	U	0.019	U	0.019	U
1,2,4-Trichlorobenzene	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
1,2-Dichlorobenzene	1.1	100	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
1,3-Dichlorobenzene	2.4	49	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
1,4-Dichlorobenzene	1.8	13	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
2,4-Dinitrotoluene	~	~	N/A	0.049	U	**0.96**		0.052	U	0.053	U	0.044	U
2,6-Dinitrotoluene	~	~	N/A	0.049	U	**0.085**	J	0.052	U	0.053	U	0.044	U
2-Chloronaphthalene	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
2-Methylnaphthalene	~	~	N/A	**1.14**		**0.31**		0.052	U	0.053	U	0.044	U
2-Nitroaniline	~	~	N/A	0.097	U	0.088	U	0.11	U	0.105	U	0.088	U
3,3-Dichlorobenzidine	~	~	N/A	0.049	U	0.04	U	0.052	U	0.053	U	0.044	U
3-Nitroaniline	~	~	N/A	0.097	U	0.09	U	0.105	U	0.105	U	0.088	U
4-Bromophenyl phenyl ether	~	~	N/A	0.049	U	**0.052**	J	0.052	U	0.053	U	0.044	U
4-Chloroaniline	~	~	N/A	0.049	U	**0.17**		0.052	U	0.053	U	0.044	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.049	U	0.04	U	0.052	U	0.053	U	0.044	U
4-Nitroaniline	~	~	N/A	0.097	U	0.088	U	0.105	U	0.105	U	0.088	U
Acenaphthene	20	100	N/A	**1.47**		**0.84**		0.05	U	**0.23**	J+	0.044	U
Acenaphthylene	100	100	N/A	**0.91**		**0.093**		0.052	U	**0.065**	J+	0.044	U
Aniline	~	~	N/A	0.194	U	0.176	U	0.209	U	0.211	U	0.176	U
Anthracene	100	100	N/A	**2.44**		**1.46**		0.052	U	**0.57**	J+	0.044	U
Benzo(a)anthracene	1	1	1	**3.79**		**2.98**		**0.0761**	J	**1.4**	J+	0.044	U
Benzo(a)pyrene	1	1	22	**2.85**		**2.69**		**0.0661**	J	**1.26**	J+	0.044	U
Benzo(b)fluoranthene	1	1	1.7	**2.25**		**2.49**		**0.0527**	J	**1.01**	J+	0.044	U
Benzo(g,h,i)perylene	100	100	N/A	**1.07**		**1.49**		0.052	U	**0.61**	J+	0.044	U
Benzo(k)fluoranthene	0.8	3.9	1.7	**2.34**		**2.21**		0.052	U	**0.95**	J+	0.044	U
Benzyl butyl phthalate	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.049	U	0.044	U	0.05	U	0.05	U	0.044	U
Bis(2-chloroethyl)ether	~	~	N/A	0.049	U	0.044	U	0.05	U	0.05	U	0.044	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
Carbazole	~	~	N/A	**1.39**		**0.72**		0.05	U	**0.15**	J+	0.0442	U
Chrysene	1	3.9	1	**3.72**		**3.16**		**0.0753**	J	**1.38**	J+	0.044	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.45**		**0.49**		0.05	U	**0.2**	J+	0.044	U
Dibenzofuran	7	59	N/A	**1.53**		**0.52**		0.052	U	**0.11**	J+	0.044	U
Diethyl phthalate	~	~	N/A	0.049	U	0.044	U	0.052	U	0.05	U	0.044	U
Dimethyl phthalate	~	~	N/A	0.049	U	**0.38**		0.052	U	0.053	U	0.044	U
Di-n-butyl phthalate	~	~	N/A	0.05	U	0.044	U	0.05	U	0.053	U	0.044	U
Di-n-octyl phthalate	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
Fluoranthene	100	100	N/A	**8.07**		**8.06**		**0.16**		**3.00**	J+	0.044	U
Fluorene	30	100	N/A	**2.52**		**0.74**		0.052	U	**0.22**	J+	0.044	U
Hexachlorobenzene	0.33	1.2	N/A	0.05	U	0.044	U	0.05	U	0.053	U	0.04	U
Hexachlorobutadiene	~	~	N/A	0.05	U	0.044	U	0.05	U	0.053	U	0.04	U
Hexachlorocyclopentadiene	~	~	N/A	0.05	U	0.044	U	0.05	U	0.05	U	0.04	U
Hexachloroethane	~	~	N/A	0.05	U	**0.0451**	J	0.05	U	0.05	U	0.044	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**1.13**		**1.41**		0.05	U	**0.58**	J+	0.04	U
Isophorone	~	~	N/A	0.05	U	**0.37**		0.052	U	0.053	U	0.044	U
Naphthalene	12	100	N/A	**3.52**		**0.53**		0.052	U	**0.068**	J+	0.044	U
Nitrobenzene	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
N-Nitrosodimethylamine	~	~	N/A	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U
N-nitroso-di-n-propylamine	~	~	N/A	0.05	U	**0.14**		0.0524	U	0.053	U	0.04	U
N-Nitrosodiphenylamine	~	~	N/A	0.05	U	**0.45**		0.05	U	0.0527	U	0.044	U
Phenanthrene	100	100	N/A	**12.7**		**7.76**		**0.0619**	J	**2.4**	J+	0.044	U
Pyrene	100	100	N/A	**8.09**		**6.14**		**0.127**		**2.8**	J+	0.044	U

Table 4B
SVOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)	
Sample Date				9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compounds				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,4-Dioxane	0.1	13	N/A	0.019	U	0.019	U	0.018	U	0.020	U	0.019	U	0.019	U
1,2,4-Trichlorobenzene	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
1,2-Dichlorobenzene	1.1	100	N/A	0.048	U	0.052	U	0.045	U	0.054	U	**0.16**	**J+**	**0.088**	**J**
1,3-Dichlorobenzene	2.4	49	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
1,4-Dichlorobenzene	1.8	13	N/A	0.048	U	0.052	U	0.045	U	0.054	U	**0.41**	**J+**	**0.49**	
2,4-Dinitrotoluene	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
2,6-Dinitrotoluene	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
2-Chloronaphthalene	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
2-Methylnaphthalene	~	~	N/A	**0.079**	**J**	0.052	U	0.045	U	0.054	U	**15.9**	**J+**	**6.51**	**J+**
2-Nitroaniline	~	~	N/A	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U
3,3-Dichlorobenzidine	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
3-Nitroaniline	~	~	N/A	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U
4-Bromophenyl phenyl ether	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
4-Chloroaniline	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
4-Nitroaniline	~	~	N/A	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U
Acenaphthene	20	100	N/A	**0.092**	**J**	**0.060**	**J**	0.045	U	0.054	U	**0.84**	**J+**	**0.47**	
Acenaphthylene	100	100	N/A	**0.26**		**0.057**	**J**	0.045	U	0.054	U	0.051	U	0.048	U
Aniline	~	~	N/A	0.191	U	0.208	U	0.178	U	0.217	U	0.203	U	0.191	U
Anthracene	100	100	N/A	**0.12**		**0.064**	**J**	0.045	U	0.054	U	**0.36**	**J+**	**0.2**	
Benzo(a)anthracene	1	1	1	**0.77**		**0.19**		0.045	U	**0.36**		**0.13**	**J+**	**0.086**	**J**
Benzo(a)pyrene	1	1	22	**1.43**		**0.25**		0.045	U	**1.53**		**0.12**	**J+**	**0.13**	
Benzo(b)fluoranthene	1	1	1.7	**0.68**		**0.23**		0.045	U	**1.32**		**0.11**	**J+**	**0.078**	**J**
Benzo(g,h,i)perylene	100	100	N/A	**1.04**		**0.13**		0.045	U	**1.05**		**0.079**	**J+**	**0.11**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**0.84**		**0.26**		0.045	U	**1.33**		**0.09**	**J+**	**0.083**	**J**
Benzyl butyl phthalate	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.05	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
Bis(2-chloroethyl)ether	~	~	N/A	0.05	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.048	U	0.052	U	0.04	U	0.054	U	0.05	U	0.048	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.048	U	0.052	U	**0.16**		**0.16**		**0.61**	**J+**	**0.41**	
Carbazole	~	~	N/A	0.05	U	**0.057**	**J**	0.04	U	0.05	U	0.05	U	0.05	U
Chrysene	1	3.9	1	**0.73**		**0.34**		0.04	U	**0.47**		**0.18**	**J+**	**0.11**	
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.16**		0.052	U	0.04	U	**0.34**		0.05	U	0.05	U
Dibenzofuran	7	59	N/A	0.05	U	**0.058**	**J**	0.04	U	0.054	U	0.05	U	0.05	U
Diethyl phthalate	~	~	N/A	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U
Dimethyl phthalate	~	~	N/A	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U
Di-n-butyl phthalate	~	~	N/A	0.05	U	0.05	U	0.04	U	0.054	U	**0.071**	**J+**	0.05	U
Di-n-octyl phthalate	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
Fluoranthene	100	100	N/A	**0.83**		**0.88**		0.045	U	0.054	U	**0.36**	**J+**	**0.18**	
Fluorene	30	100	N/A	**0.048**	**J**	**0.099**	**J**	0.045	U	0.054	U	**1.72**	**J+**	**0.71**	
Hexachlorobenzene	0.33	1.2	N/A	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U
Hexachlorobutadiene	~	~	N/A	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U
Hexachlorocyclopentadiene	~	~	N/A	0.05	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U
Hexachloroethane	~	~	N/A	0.05	U	0.05	U	0.04	U	0.054	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**0.62**		**0.13**		0.04	U	**1.01**		**0.065**	**J+**	**0.069**	**J**
Isophorone	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
Naphthalene	12	100	N/A	0.048	U	**0.11**		0.045	U	0.054	U	**0.54**	**J+**	**0.98**	
Nitrobenzene	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
N-Nitrosodimethylamine	~	~	N/A	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U
N-nitroso-di-n-propylamine	~	~	N/A	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U
N-Nitrosodiphenylamine	~	~	N/A	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U
Phenanthrene	100	100	N/A	**0.41**		**0.79**		**0.052**	**J**	0.054	U	**2.9**	**J+**	**1.4**	
Pyrene	100	100	N/A	**1.68**		**0.71**		**0.063**	**J**	**0.2**		**0.56**	**J+**	**0.32**	

Table 4B
SVOCs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)	
Sample Date				9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compounds				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
SVOCs	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
1,4-Dioxane	0.1	13	N/A	0.019	U	0.019	U	0.019	U	NT		NT		NT	
1,2,4-Trichlorobenzene	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
1,2-Dichlorobenzene	1.1	100	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
1,3-Dichlorobenzene	2.4	49	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
1,4-Dichlorobenzene	1.8	13	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
2,4-Dinitrotoluene	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
2,6-Dinitrotoluene	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
2-Chloronaphthalene	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
2-Methylnaphthalene	~	~	N/A	**0.47**		0.055	U	**0.057**	J	**1.39**		**0.89**		0.049	U
2-Nitroaniline	~	~	N/A	0.101	U	0.11	U	0.097	U	0.099	U	0.111	U	0.097	U
3,3-Dichlorobenzidine	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U
3-Nitroaniline	~	~	N/A	0.10	U	0.11	U	0.10	U	0.099	U	0.111	U	0.097	U
4-Bromophenyl phenyl ether	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
4-Chloroaniline	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
4-Chlorophenyl phenyl ether	~	~	N/A	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U
4-Nitroaniline	~	~	N/A	0.101	U	0.11	U	0.097	U	0.099	U	0.111	U	0.097	U
Acenaphthene	20	100	N/A	**0.97**		**0.15**		**0.19**		**23.8**		**4.01**		0.049	U
Acenaphthylene	100	100	N/A	**0.36**		0.055	U	**0.14**		**13.3**		**4.67**		**0.079**	J
Aniline	~	~	N/A	0.203	U	0.221	U	0.195	U	0.197	U	0.223	U	0.194	U
Anthracene	100	100	N/A	**1.93**		**0.24**		**0.6**		**64.2**	J-	**24.8**		**0.12**	
Benzo(a)anthracene	1	1	1	**4.31**		**0.46**		**1.65**		**40.5**	J-	**30.3**		**0.31**	
Benzo(a)pyrene	1	1	22	**4.41**		**0.38**		**1.56**		**54.8**	J-	**25.2**		**0.33**	
Benzo(b)fluoranthene	1	1	1.7	**2.62**		**0.28**		**1.15**		**21.7**		**17.0**		**0.27**	
Benzo(g,h,i)perylene	100	100	N/A	**1.64**		**0.16**		**0.67**		**30.9**	J-	**9.29**		**0.17**	
Benzo(k)fluoranthene	0.8	3.9	1.7	**2.55**		**0.31**		**1.23**		**28.2**		**20.4**		**0.3**	
Benzyl butyl phthalate	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
Bis(2-chloroethoxy)methane	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
Bis(2-chloroethyl)ether	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
Bis(2-chloroisopropyl)ether	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Bis(2-ethylhexyl)phthalate	~	~	N/A	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U
Carbazole	~	~	N/A	**0.79**		**0.11**	J	**0.15**		0.05	U	**2.66**		**0.055**	J
Chrysene	1	3.9	1	**4.12**		**0.45**		**1.52**		**43**	J-	**26.8**		**0.34**	
Dibenzo(a,h)anthracene	0.33	0.33	N/A	**0.52**		**0.071**	J	**0.27**		**4.41**		**3.77**		0.05	U
Dibenzofuran	7	59	N/A	**0.60**		**0.072**	J	**0.12**		**0.15**		**3.5**		0.05	U
Diethyl phthalate	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Dimethyl phthalate	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Di-n-butyl phthalate	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Di-n-octyl phthalate	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
Fluoranthene	100	100	N/A	**9.30**		**1.11**		**2.82**		**107**		**70.3**		**0.66**	
Fluorene	30	100	N/A	**1.10**		**0.14**		**0.21**		**13.5**		**9.01**		**0.066**	J
Hexachlorobenzene	0.33	1.2	N/A	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U
Hexachlorobutadiene	~	~	N/A	0.05	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
Hexachlorocyclopentadiene	~	~	N/A	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U
Hexachloroethane	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A	**1.49**		**0.16**		**0.68**		**24.9**		**12.8**		**0.16**	
Isophorone	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U
Naphthalene	12	100	N/A	**1.07**		**0.068**	J	**0.1**		**2.43**		**1.69**		**0.054**	J
Nitrobenzene	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U
N-Nitrosodimethylamine	~	~	N/A	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
N-nitroso-di-n-propylamine	~	~	N/A	0.05	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U
N-Nitrosodiphenylamine	~	~	N/A	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U
Phenanthrene	100	100	N/A	**8.32**		**0.99**		**1.8**		**14.8**		**72.8**		**0.53**	
Pyrene	100	100	N/A	**8.14**		**0.92**		**2.46**		**183**		**57.5**		**0.50**	

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date			7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025	
Laboratory ID			L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
2,4,5-T	~	~	0.177	U	0.19	U	0.21	U	0.171	U	0.198	U
2,4,5-TP (Silvex)	3.8	100	0.177	U	0.19	U	0.21	U	0.171	U	0.198	U
2,4-D	~	~	0.177	U	0.19	U	0.21	U	0.171	U	0.198	U
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
4,4'-DDE	0.0033	8.9	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
4,4'-DDT	0.0033	7.9	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Aldrin	0.005	0.097	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Alpha-BHC	0.02	0.48	0.000707	U	0.00076	U	0.00084	U	0.000668	U	0.0039	U
Beta-BHC	0.036	0.36	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Chlordane	~	~	0.0141	U	0.0152	U	0.0168	U	0.0134	U	0.0779	U
cis-Chlordane	0.094	4.2	0.00212	U	**0.00569**	J+	0.00252	U	0.002	U	0.0117	U
Delta-BHC	0.04	100	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Dieldrin	0.005	0.2	0.00106	U	0.00114	U	0.00126	U	0.001	U	0.00584	U
Endosulfan I	2.4	24	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Endosulfan II	2.4	24	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Endosulfan sulfate	2.4	24	0.000707	U	0.00076	U	0.00084	U	0.000668	U	0.0039	U
Endrin	0.014	11	0.000707	U	0.00076	U	0.00084	U	0.000668	U	0.0039	U
Endrin aldehyde	~	~	0.00212	U	0.00228	U	0.00252	U	0.002	U	0.0117	U
Endrin ketone	~	~	0.0017	U	0.00182	U	0.00202	U	0.0016	U	0.00935	U
Heptachlor	0.042	2.1	0.000848	U	0.000911	U	0.00101	U	0.000801	U	0.00468	U
Heptachlor epoxide	~	~	0.00318	U	0.00342	U	0.00378	U	0.003	U	0.0175	U
Lindane	0.1	1.3	0.000707	U	0.00076	U	0.00084	U	0.000668	U	0.0039	U
Methoxychlor	~	~	0.00318	U	0.00342	U	0.00378	U	0.003	U	0.0175	U
Toxaphene	~	~	0.0318	U	0.0342	U	0.0378	U	0.03	U	0.175	U
trans-Chlordane	~	~	0.00212	U	0.0272	R	0.00252	U	0.002	U	0.0117	U

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)	
Sampling Date			7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025	
Laboratory ID			L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
2,4,5-T	~	~	0.24	U	0.191	U	0.2	U	0.191	U	0.211	U
2,4,5-TP (Silvex)	3.8	100	0.24	U	0.191	U	0.2	U	0.191	U	0.211	U
2,4-D	~	~	0.24	U	0.191	U	0.2	U	0.191	U	0.211	U
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
4,4'-DDE	0.0033	8.9	0.00222	U	0.00183	U	0.00152	J-	0.0018	U	0.00984	U
4,4'-DDT	0.0033	7.9	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Aldrin	0.005	0.097	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Alpha-BHC	0.02	0.48	0.000924	U	0.000764	U	0.000787	U	0.000752	U	0.0041	U
Beta-BHC	0.036	0.36	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Chlordane	~	~	0.0185	U	0.0153	U	0.0157	U	0.015	U	0.082	U
cis-Chlordane	0.094	4.2	0.00277	U	0.00229	U	0.00236	U	0.00226	U	0.0123	U
Delta-BHC	0.04	100	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Dieldrin	0.005	0.2	0.00139	U	0.00115	U	0.00118	U	0.00113	U	0.00615	U
Endosulfan I	2.4	24	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Endosulfan II	2.4	24	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Endosulfan sulfate	2.4	24	0.000924	U	0.000764	U	0.000787	U	0.000752	U	0.0041	U
Endrin	0.014	11	0.000924	U	0.000764	U	0.000787	U	0.000752	U	0.0041	U
Endrin aldehyde	~	~	0.00277	U	0.00229	U	0.00236	U	0.00226	U	0.0123	U
Endrin ketone	~	~	0.00222	U	0.00183	U	0.00189	U	0.0018	U	0.00984	U
Heptachlor	0.042	2.1	0.00111	U	0.000917	U	0.000945	U	0.000903	U	0.00492	U
Heptachlor epoxide	~	~	0.00416	U	0.00344	U	0.00354	U	0.00338	U	0.0184	U
Lindane	0.1	1.3	0.000924	U	0.000764	U	0.000787	U	0.000752	U	0.0041	U
Methoxychlor	~	~	0.00416	U	0.00344	U	0.00354	U	0.00338	U	0.0184	U
Toxaphene	~	~	0.0416	U	0.0344	U	0.0354	U	0.0338	U	0.184	U
trans-Chlordane	~	~	0.00296	R	0.00229	U	0.00236	U	0.00615	R	0.0123	U

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-5 (0-2)		25SB-5 (11-12)		25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)	
Sampling Date			7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025	
Laboratory ID			L2541710-11		L2541710-12		L2541710-13		L2542557-14		L2542557-15	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
2,4,5-T	~	~	0.213	U	0.194	U	0.196	U	0.18	U	0.188	U
2,4,5-TP (Silvex)	3.8	100	0.213	U	0.194	U	0.196	U	0.18	U	0.188	U
2,4-D	~	~	0.213	U	0.194	U	0.196	U	0.18	U	0.188	U
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	**0.00384**	J+	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
4,4'-DDE	0.0033	8.9	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
4,4'-DDT	0.0033	7.9	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Aldrin	0.005	0.097	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Alpha-BHC	0.02	0.48	0.000836	U	0.000748	U	0.000769	UJ	0.00704	R	0.000761	R
Beta-BHC	0.036	0.36	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Chlordane	~	~	0.0167	U	0.015	U	0.0154	UJ	0.141	R	0.0152	R
cis-Chlordane	0.094	4.2	0.00251	U	0.00224	U	0.00231	UJ	0.0211	R	0.00228	R
Delta-BHC	0.04	100	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Dieldrin	0.005	0.2	0.00125	U	0.00112	U	0.00115	UJ	0.0106	R	0.00114	R
Endosulfan I	2.4	24	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Endosulfan II	2.4	24	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Endosulfan sulfate	2.4	24	0.000836	U	0.000748	U	0.000769	UJ	0.00704	R	0.000761	R
Endrin	0.014	11	0.000836	U	0.000748	U	0.000769	UJ	0.00704	R	0.000761	R
Endrin aldehyde	~	~	0.00251	U	0.00224	U	0.00231	UJ	0.0211	R	0.00228	R
Endrin ketone	~	~	0.002	U	0.0018	U	0.00184	UJ	0.0169	R	0.00183	R
Heptachlor	0.042	2.1	0.001	U	0.000898	U	0.000922	UJ	0.00845	R	0.000913	R
Heptachlor epoxide	~	~	0.00376	U	0.00337	U	0.00346	UJ	0.0317	R	0.00342	R
Lindane	0.1	1.3	0.000836	U	0.000748	U	0.000769	UJ	0.00704	R	0.000761	R
Methoxychlor	~	~	0.00376	U	0.00337	U	0.00346	UJ	0.0317	R	0.00342	R
Toxaphene	~	~	0.0376	U	0.0337	U	0.0346	UJ	0.317	R	0.0342	R
trans-Chlordane	~	~	0.00251	U	0.00224	U	0.00231	UJ	0.0211	R	0.00228	R

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date			7/8/2025		7/8/2025		7/8/2025		7/8/2025	
Laboratory ID			L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix			SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	ppm		ppm		ppm		ppm	
2,4,5-T	~	~	0.183	U	0.295	U	0.185	U	0.2	U
2,4,5-TP (Silvex)	3.8	100	0.183	U	0.295	U	0.185	U	0.2	U
2,4-D	~	~	0.183	U	0.295	U	0.185	U	0.2	U
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.00176	U	0.00276	U	0.00171	U	0.00186	R
4,4'-DDE	0.0033	8.9	0.00176	U	0.00276	U	0.00171	U	0.00186	R
4,4'-DDT	0.0033	7.9	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Aldrin	0.005	0.097	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Alpha-BHC	0.02	0.48	0.000732	U	0.00115	U	0.000713	U	0.000775	R
Beta-BHC	0.036	0.36	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Chlordane	~	~	0.0146	U	0.023	U	0.0143	U	0.0155	R
cis-Chlordane	0.094	4.2	0.0022	U	0.00345	U	0.00214	U	0.00232	R
Delta-BHC	0.04	100	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Dieldrin	0.005	0.2	0.0011	U	0.00172	U	0.00107	U	0.00116	R
Endosulfan I	2.4	24	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Endosulfan II	2.4	24	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Endosulfan sulfate	2.4	24	0.000732	U	0.00115	U	0.000713	U	0.000775	R
Endrin	0.014	11	0.000732	U	0.00115	U	0.000713	U	0.000775	R
Endrin aldehyde	~	~	0.0022	U	0.00345	U	0.00214	U	0.00232	R
Endrin ketone	~	~	0.00176	U	0.00276	U	0.00171	U	0.00186	R
Heptachlor	0.042	2.1	0.000878	U	0.00138	U	0.000856	U	0.00093	R
Heptachlor epoxide	~	~	0.00329	U	0.00517	U	0.00321	U	0.00349	R
Lindane	0.1	1.3	0.000732	U	0.00115	U	0.000713	U	0.000775	R
Methoxychlor	~	~	0.00329	U	0.00517	U	0.00321	U	0.00349	R
Toxaphene	~	~	0.0329	U	0.0517	U	0.0321	U	0.0349	R
trans-Chlordane	~	~	0.0022	U	0.00345	U	0.00214	U	0.00232	R

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date			7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025	
Laboratory ID			L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
2,4,5-T	~	~	0.211	U	0.201	U	0.206	U	0.222	U	0.181	U	0.203	U
2,4,5-TP (Silvex)	3.8	100	0.211	U	0.201	U	0.206	U	0.222	U	0.181	U	0.203	U
2,4-D	~	~	0.211	U	0.201	U	0.206	U	0.222	U	0.181	U	0.203	U
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
4,4'-DDE	0.0033	8.9	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
4,4'-DDT	0.0033	7.9	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Aldrin	0.005	0.097	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Alpha-BHC	0.02	0.48	0.00084	U	0.0008	U	0.000812	U	0.000857	U	0.000731	U	0.00078	U
Beta-BHC	0.036	0.36	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Chlordane	~	~	0.0168	U	0.016	U	0.0162	U	0.0171	U	0.0146	U	0.0156	U
cis-Chlordane	0.094	4.2	0.00252	U	0.0024	U	0.00244	U	0.00257	U	0.00219	U	0.00234	U
Delta-BHC	0.04	100	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Dieldrin	0.005	0.2	0.00126	U	0.0012	U	0.00122	U	0.00128	U	0.0011	U	0.00117	U
Endosulfan I	2.4	24	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Endosulfan II	2.4	24	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Endosulfan sulfate	2.4	24	0.00084	U	0.0008	U	0.000812	U	0.000857	U	0.000731	U	0.00078	U
Endrin	0.014	11	0.00084	U	0.0008	U	0.000812	U	0.000857	U	0.000731	U	0.00078	U
Endrin aldehyde	~	~	0.00252	U	0.0024	U	0.00244	U	0.00257	U	0.00219	U	0.00234	U
Endrin ketone	~	~	0.00202	U	0.00192	U	0.00195	U	0.00206	U	0.00176	U	0.00187	U
Heptachlor	0.042	2.1	0.00101	U	0.00096	U	0.000975	U	0.00103	U	0.000878	U	0.000936	U
Heptachlor epoxide	~	~	0.00378	U	0.0036	U	0.00366	U	0.00386	U	0.00329	U	0.00351	U
Lindane	0.1	1.3	0.00084	U	0.0008	U	0.000812	U	0.000857	U	0.000731	U	0.00078	U
Methoxychlor	~	~	0.00378	U	0.0036	U	0.00366	U	0.00386	U	0.00329	U	0.00351	U
Toxaphene	~	~	0.0378	U	0.036	U	0.0366	U	0.0386	U	0.0329	U	0.0351	U
trans-Chlordane	~	~	0.00252	U	0.0024	U	0.00244	U	0.00257	U	0.00219	U	0.00234	U

Table 5A
Herbicides and Pesticides in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date			7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025	
Laboratory ID			L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Herbicides	ppm	ppm	**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**	
2,4,5-T	~	~	0.182	U	0.196	U	0.187	U	0.193	U	0.181	U	0.184	U	0.189	U
2,4,5-TP (Silvex)	3.8	100	0.182	U	0.196	U	0.187	U	0.193	U	0.181	U	0.184	U	0.189	U
2,4-D	~	~	0.182	U	0.196	U	0.187	U	0.193	U	0.181	U	0.184	U	0.189	U
Pesticides	ppm	ppm	**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**	
4,4'-DDD	0.0033	13	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	**0.0013**	J
4,4'-DDE	0.0033	8.9	0.00169	U	0.00186	U	**0.00235**	J+	0.00189	U	0.00173	U	0.00175	U	**0.00219**	
4,4'-DDT	0.0033	7.9	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Aldrin	0.005	0.097	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Alpha-BHC	0.02	0.48	0.000704	U	0.000777	U	0.000722	U	0.000787	U	0.000721	U	0.000729	U	0.000737	U
Beta-BHC	0.036	0.36	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Chlordane	~	~	0.0141	U	0.0155	U	0.0144	U	0.0157	U	0.0144	U	0.0146	U	0.0147	U
cis-Chlordane	0.094	4.2	0.00211	U	0.00233	U	0.00216	U	0.00236	U	0.00216	U	0.00219	U	0.00221	U
Delta-BHC	0.04	100	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Dieldrin	0.005	0.2	0.00106	U	0.00117	U	0.00108	U	0.00118	U	0.00108	U	0.00109	U	0.0011	U
Endosulfan I	2.4	24	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Endosulfan II	2.4	24	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Endosulfan sulfate	2.4	24	0.000704	U	0.000777	U	0.000722	U	0.000787	U	0.000721	U	0.000729	U	0.000737	U
Endrin	0.014	11	0.000704	U	0.000777	U	0.000722	U	0.000787	U	0.000721	U	0.000729	U	0.000737	U
Endrin aldehyde	~	~	0.00211	U	0.00233	U	0.00216	U	0.00236	U	0.00216	U	0.00219	U	0.00221	U
Endrin ketone	~	~	0.00169	U	0.00186	U	0.00173	U	0.00189	U	0.00173	U	0.00175	U	0.00177	U
Heptachlor	0.042	2.1	0.000845	U	0.000933	U	0.000866	U	0.000945	U	0.000865	U	0.000875	U	0.000885	U
Heptachlor epoxide	~	~	0.00317	U	0.0035	U	0.00325	U	0.00354	U	0.00324	U	0.00328	U	0.00332	U
Lindane	0.1	1.3	0.000704	U	0.000777	U	0.000722	U	0.000787	U	0.000721	U	0.000729	U	0.000737	U
Methoxychlor	~	~	0.00317	U	0.0035	U	0.00325	U	0.00354	U	0.00324	U	0.00328	U	0.00332	U
Toxaphene	~	~	0.0317	U	0.035	U	0.0325	U	0.0354	U	0.0324	U	0.0328	U	0.0332	U
trans-Chlordane	~	~	0.00211	U	0.00233	U	0.00216	U	0.00236	U	0.00216	U	0.00219	U	0.00221	U

Table 5B
Pesticides in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
4,4'-DDE	0.0033	8.9	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
4,4'-DDT	0.0033	7.9	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Aldrin	0.005	0.097	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
alpha-BHC	0.02	0.48	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
alpha-Chlordane	0.036	0.36	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
beta-BHC	0.036	0.36	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Chlordane, total	~	~	0.039	U	0.035	U	0.042	U	0.042	U	0.034	U
delta-BHC	0.04	100	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Dieldrin	0.005	0.2	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endosulfan I	2.4	24	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endosulfan II	2.4	24	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endosulfan sulfate	2.4	24	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endrin	0.014	11	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endrin aldehyde	~	~	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Endrin ketone	~	~	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
gamma-BHC (Lindane)	0.1	1.3	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
gamma-Chlordane	~	~	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Heptachlor	0.042	2.1	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Heptachlor epoxide	~	~	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U
Methoxychlor	~	~	0.0097	U	0.0087	U	0.0104	U	0.0104	U	0.0086	U
Toxaphene	~	~	0.10	U	0.088	U	0.105	U	0.105	U	0.087	U

Table 5B
Pesticides in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
4,4'-DDE	0.0033	8.9	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
4,4'-DDT	0.0033	7.9	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Aldrin	0.005	0.097	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
alpha-BHC	0.02	0.48	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
alpha-Chlordane	0.036	0.36	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
beta-BHC	0.036	0.36	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Chlordane, total	~	~	0.038	U	0.041	U	0.035	U	0.042	U	0.040	U	0.038	U
delta-BHC	0.04	100	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Dieldrin	0.005	0.2	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endosulfan I	2.4	24	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endosulfan II	2.4	24	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endosulfan sulfate	2.4	24	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endrin	0.014	11	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endrin aldehyde	~	~	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Endrin ketone	~	~	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
gamma-BHC (Lindane)	0.1	1.3	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
gamma-Chlordane	~	~	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Heptachlor	0.042	2.1	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Heptachlor epoxide	~	~	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U
Methoxychlor	~	~	0.010	U	0.0103	U	0.009	U	0.0104	U	0.0101	U	0.0094	U
Toxaphene	~	~	0.10	U	0.104	U	0.09	U	0.105	U	0.10	U	0.095	U

Table 5B
Pesticides in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)	
Sample Date			9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Pesticides	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
4,4'-DDD	0.0033	13	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
4,4'-DDE	0.0033	8.9	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
4,4'-DDT	0.0033	7.9	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Aldrin	0.005	0.097	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
alpha-BHC	0.02	0.48	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
alpha-Chlordane	0.036	0.36	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
beta-BHC	0.036	0.36	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Chlordane, total	~	~	0.041	U	0.045	U	0.038	U	0.039	U	0.044	U	0.038	U
delta-BHC	0.04	100	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Dieldrin	0.005	0.2	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endosulfan I	2.4	24	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endosulfan II	2.4	24	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endosulfan sulfate	2.4	24	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endrin	0.014	11	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endrin aldehyde	~	~	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Endrin ketone	~	~	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
gamma-BHC (Lindane)	0.1	1.3	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
gamma-Chlordane	~	~	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Heptachlor	0.042	2.1	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Heptachlor epoxide	~	~	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U
Methoxychlor	~	~	0.0101	U	0.011	U	0.0096	U	0.0097	U	0.0110	U	0.010	U
Toxaphene	~	~	0.102	U	0.11	U	0.097	U	0.098	U	0.11	U	0.10	U

Table 6A
Polychlorindated Biphenyls (PCBs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1221	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1232	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1242	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1248	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1254	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1260	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1262	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
Aroclor 1268	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U
PCBs, Total	0.1	1	0.0522	U	0.0539	U	0.0629	U	0.0513	U	0.0578	U

Table 6A
Polychlorindated Biphenyls (PCBs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)		25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10		L2541710-11		L2541710-12	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1221	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1232	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1242	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1248	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1254	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	**0.00962**	J	0.0629	U	0.0588	U
Aroclor 1260	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1262	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
Aroclor 1268	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	0.0617	U	0.0629	U	0.0588	U
PCBs, Total	0.1	1	0.0668	U	0.0576	U	0.0569	U	0.0538	U	**0.00962**	J	0.0629	U	0.0588	U

Table 6A
Polychlorindated Biphenyls (PCBs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)		25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/8/25		7/8/25		7/8/25		7/8/25	
Laboratory ID			L2541710-13		L2542557-14		L2542557-15		L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1221	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1232	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1242	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1248	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1254	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1260	0.1	1	0.0663		**0.0448**	J	0.0542		0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1262	0.1	1	0.059	U	0.0534	U	0.0532	U	0.0547	U	0.0841	U	0.0528	U	0.0598	U
Aroclor 1268	0.1	1	0.059	U	0.0534	U	**0.0303**	J	0.0547	U	0.0841	U	0.0528	U	0.0598	U
PCBs, Total	0.1	1	0.0663		**0.0448**	J	**0.0845**	J	0.0547	U	0.0841	U	0.0528	U	0.0598	U

Table 6A
Polychlorindated Biphenyls (PCBs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1221	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1232	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1242	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1248	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1254	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1260	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1262	0.1	1	0.0619	U	0.0601	U	0.0603	U	0.0645	U	0.0528	U	0.0601	U
Aroclor 1268	0.1	1	0.0619	U	0.0601	U	0.00688	R	0.0645	U	0.0528	U	0.0601	U
PCBs, Total	0.1	1	0.0619	U	0.0601	U	0.00688	R	0.0645	U	0.0528	U	0.0601	U

Table 6A
Polychlorindated Biphenyls (PCBs) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1221	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1232	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1242	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1248	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1254	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1260	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1262	0.1	1	0.053	U	0.0582	U	0.0565	U	0.0555	U	0.0541	U	0.0542	U	0.0531	U
Aroclor 1268	0.1	1	0.053	U	0.0582	U	**0.0147**	J	0.0555	U	0.0541	U	0.0542	U	0.0531	U
PCBs, Total	0.1	1	0.053	U	0.0582	U	**0.0147**	J	0.0555	U	0.0541	U	0.0542	U	0.0531	U

Table 6B
PCBs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PCBs			ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1221	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1232	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1242	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1248	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1254	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Aroclor 1260	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U
Total PCBs	0.1	1	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U

Table 6B
PCBs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PCBs			ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1221	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1232	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1242	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1248	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1254	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U
Aroclor 1260	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	**0.031**		0.019	U
Total PCBs	0.1	1	0.019	U	0.021	U	0.018	U	0.021	U	**0.031**		0.019	U

Table 6B
PCBs in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)	
Sample Date			9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PCBs			ppm		ppm		ppm		ppm		ppm		ppm	
Aroclor 1016	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1221	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1232	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1242	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1248	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1254	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Aroclor 1260	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U
Total PCBs	0.1	1	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U

Table 7A
Target Analyte List (TAL) Metals and TCLP Lead Mercury in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID				L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	-	**ppm**		**ppm**		**ppm**		**ppm**		**ppm**	
Aluminum	~	~	~	**1550**		**4660**		**6060**		**3400**		**3570**	
Antimony	~	~	~	4.17	UJ	4.47	UJ	4.95	UJ	4.06	UJ	4.65	UJ
Arsenic	13	16	~	**3.47**		**4.65**		**14.3**		**7.92**		**3.15**	
Barium	350	400	~	63.9		93.5		128		**114**		**50.4**	
Beryllium	7.2	72	~	**0.148**	J	**0.262**	J	**0.367**	J	**0.341**	J	**0.2**	J
Cadmium	2.5	4.3	~	**0.079**	J	**0.063**	J	0.989	U	**0.222**	J	0.931	U
Calcium	~	~	~	**1060**		**3530**		**19900**		**11700**		**24400**	
Chromium	~	~	~	**4.44**		**11.8**		**24.9**		**8.75**		**9.24**	
Cobalt	~	~	~	**2**		**4.07**		**5.74**		**4.45**		**2.03**	
Copper	50	270	~	**61.9**		**17.4**		**90.2**		**43.3**		**25.4**	
Iron	~	~	~	**5800**		**10900**		**15600**		**8230**		**10300**	
Lead	63	400	~	**428**	J+	**156**	J+	**766**	J+	**513**	J+	**122**	J+
Magnesium	~	~	~	**382**		**1870**		**2620**		**4540**		**1480**	
Manganese	1600	2000	~	**40**	J-	**205**	J-	**262**	J-	**294**	J-	**182**	J-
Mercury	0.18	0.81	~	**0.324**		**5.12**		**9.05**		**0.905**		**0.126**	
Nickel	30	310	~	**7.47**		**15.4**		**21.7**		**10.5**		**6.86**	
Potassium	~	~	~	**261**		**614**		**1070**		**569**		**741**	
Selenium	3.9	180	~	**0.568**	J	**0.702**	J	**0.505**	J	**0.594**	J	1.86	U
Silver	2	180	~	0.417	U	0.447	U	0.495	U	**0.347**	J	0.465	U
Sodium	~	~	~	**104**	J	**110**	J	**190**	J	285		481	
Thallium	~	~	~	1.67	U	1.79	U	1.98	U	1.63	U	1.86	U
Vanadium	~	~	~	**7.64**		**13.8**		**21.2**		**14**		**10.2**	
Zinc	109	10000	~	**84.8**		**153**		**446**		**163**		**68**	
TCLP Metals	-	-	mg/L	**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**	
Lead	~	~	5	**0.478**	J	**0.408**	J	**3.63**		ND		**1.2**	
Mercury	~	~	0.2	NT		ND		ND		NT		NT	

Table 7A
Target Analyte List (TAL) Metals and TCLP Lead Mercury in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)		25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID				L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10		L2541710-11		L2541710-12	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	-	**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**		**ppm**	
Aluminum	~	~	~	**1060**		**2600**		**3930**		**3980**		**4820**		**1130**		**946**	
Antimony	~	~	~	5.54	UJ	4.39	UJ	4.75	UJ	4.44	UJ	4.96	UJ	5.11	UJ	4.67	UJ
Arsenic	13	16	~	**5.22**		**3.56**		**6.75**		**7.24**		**11.8**		**4.78**		**1.88**	
Barium	350	400	~	**73.3**		**65.6**		**92.3**		**148**		**647**		**42.3**		**44.2**	
Beryllium	7.2	72	~	**0.104**	J	**0.151**	J	**0.231**	J	**0.266**	J	**0.262**	J	**0.077**	J	**0.084**	J
Cadmium	2.5	4.3	~	**0.394**	J	0.878	U	0.95	U	0.889	U	0.991	U	**0.122**	J	0.934	U
Calcium	~	~	~	**693**		**24200**		**24600**		**11300**		**29700**		**1880**		**13200**	
Chromium	~	~	~	**4.76**		**7.18**		**14.8**		**12.2**		**69.6**		**4.6**		**3.34**	
Cobalt	~	~	~	**1.62**	J	**2.53**		**2.97**		**4.86**		**5.96**		**3.16**		**2.24**	
Copper	50	270	~	**32.7**		**22.1**		**37.3**		**58.9**		**89.4**		**33.7**		**5.06**	
Iron	~	~	~	**4080**		**6460**		**8750**		**11400**		**20700**		**4430**		**4990**	
Lead	63	400	~	**228**	J+	**140**	J+	**563**	J+	**2570**	J+	**10000**	J+	**134**	J+	**273**	J+
Magnesium	~	~	~	**291**		**2550**		**1270**		**2080**		**1710**		**326**		**698**	
Manganese	1600	2000	~	**36.7**	J-	**421**	J-	**143**	J-	**188**	J-	**189**	J-	**103**	J-	**215**	J-
Mercury	0.18	0.81	~	**1.37**		**0.69**		**2.56**		**3.29**		**6.82**		**0.354**		**3.68**	
Nickel	30	310	~	**5.06**		**10.7**		**10.6**		**18.6**		**14.9**		**8.57**		**5.64**	
Potassium	~	~	~	**197**	J	**447**		**641**		**766**		**838**		**455**		**115**	J
Selenium	3.9	180	~	**0.599**	J	1.76	U	**0.826**	J	**1.03**	J	**1.12**	J	**1.42**	J	1.87	U
Silver	2	180	~	0.724		0.439	U	0.487		0.444	U	0.679		0.511	U	0.467	U
Sodium	~	~	~	222	U	**150**	J	531		234		362		340		187	U
Thallium	~	~	~	2.22	U	1.76	U	1.9	U	1.78	U	1.98	U	2.04	U	1.87	U
Vanadium	~	~	~	**5.9**		**11**		**13.2**		**14.2**		**15.9**		**9.26**		**3.71**	
Zinc	109	10000	~	**112**		**53.7**		**95.4**		**151**		**266**		**59.9**		**145**	
TCLP Metals	-	-	mg/L	**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**	
Lead	~	~	5	**2.71**		**1.04**		**2.63**		**7.04**		**2.1**		**2.04**		**3.9**	
Mercury	~	~	0.2	NT		NT		NT		NT		ND		NT		NT	

Table 7A
Target Analyte List (TAL) Metals and TCLP Lead Mercury in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)		25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date				7/2/25		7/2/25		7/2/25		7/8/25		7/8/25		7/8/25		7/8/25	
Laboratory ID				L2541710-13		L2542557-14		L2542557-15		L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	-	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	~	2040		4140		4840		3050		6840		3930		3740	
Antimony	~	~	~	4.67	UJ	4.27	UJ	6.78	J-	4.45	U	6.91	U	4.38	U	4.74	U
Arsenic	13	16	~	7.6		5.46		18.4		5.38	J+	27.8	J+	5.22	J+	30	J+
Barium	350	400	~	128		70		219		107		418		58.8		252	
Beryllium	7.2	72	~	0.165	J	0.31	J	0.34	J	0.371	J	0.658	J	0.292	J	0.342	J
Cadmium	2.5	4.3	~	0.413	J	0.089	J	1.3		0.081	J	0.429	J	0.32	J	0.258	J
Calcium	~	~	~	4650		1470		6570		2400		11500		2570		6060	
Chromium	~	~	~	7.08		7.81		20		5.24		15.6		16.7		11.2	
Cobalt	~	~	~	3.51		3.76		8.83		3.4		6.19		4.03		4.53	
Copper	50	270	~	64.8		16		181		33.6		60.1		31.5		75.8	
Iron	~	~	~	10300		8660		23500		2910		10800		13600		10600	
Lead	63	400	~	1360	J+	244	J+	1350	J+	5100		941		254		2940	
Magnesium	~	~	~	685		1100		1230		265		1270		1940		1570	
Manganese	1600	2000	~	80.9	J-	137	J-	160	J-	48.8	J+	188	J+	206	J+	119	J+
Mercury	0.18	0.81	~	1.68		0.853		6.34		0.634		2.21		1.49		2.42	
Nickel	30	310	~	10.4		8.5		21.4		7.69		14.6		13		28	
Potassium	~	~	~	287		494		1060		525	J+	1080	J+	522	J+	760	J+
Selenium	3.9	180	~	0.697	J	1.71	U	0.831	J	0.841	J	17.3		0.386	J	1.2	J
Silver	2	180	~	0.467	U	0.427	U	0.707		0.445	U	0.714		0.438	U	0.474	U
Sodium	~	~	~	283		455		725		188	J+	725	J+	136	J+	282	J+
Thallium	~	~	~	1.87	U	1.71	U	1.74	U	0.913	J	2.76	U	1.75	U	1.89	U
Vanadium	~	~	~	9.07		14.1		20.8		24.1		27.1		13.5		18.2	
Zinc	109	10000	~	91.5		87.9		278		48.8		288		109		192	
TCLP Metals	-	-	mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Lead	~	~	5	1.8		5.47		0.165	J	0.842		2.88		1.36		6.18	
Mercury	~	~	0.2	NT		NT		ND		NT		NT		NT		NT	

Table 7A
Target Analyte List (TAL) Metals and TCLP Lead Mercury in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date				7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID				L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	-	ppm		ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	~	3740		5560		3130		3780		5490		3420	
Antimony	~	~	~	13.2	J-	4.73	UJ	4.89	UJ	5.2	UJ	6.98	J-	4.8	UJ
Arsenic	13	16	~	15.5	J-	2.72	J-	11.6	J-	13.9	J-	7.7	J-	6.25	J-
Barium	350	400	~	222	J+	63.4	J+	257	J+	88.4	J+	434	J+	142	J+
Beryllium	7.2	72	~	0.35	J	0.306	J	0.252	J	0.217	J	0.349	J	0.307	J
Cadmium	2.5	4.3	~	0.241	J	0.947	U	3.62		0.332	J	0.428	J	0.092	J
Calcium	~	~	~	4950	J	33500	J	2550	J	4770	J	10000	J	4680	J
Chromium	~	~	~	16.5		14.9		29.3		11.9		14.2		7.22	
Cobalt	~	~	~	4.53		5.54		5.78		5.63		5.15		3.1	
Copper	50	270	~	162	J-	34	J-	93.8	J-	93.9	J-	41	J-	33.9	J-
Iron	~	~	~	23400		9380		29700		23100		10200		6580	
Lead	63	400	~	498		97.2		745		3700		1100		498	
Magnesium	~	~	~	958		3430		1600		1610		4190		642	
Manganese	1600	2000	~	106		164		185		196		224		120	
Mercury	0.18	0.81	~	0.576		0.919		0.915		7.47		0.968		8.83	
Nickel	30	310	~	16.8		35.2		40.3		18		18.3		7.92	
Potassium	~	~	~	574		1120		352		671		718		521	
Selenium	3.9	180	~	5.97		1.89	U	0.979	J	2.78		1.72	U	1.67	J
Silver	2	180	~	0.437	J	0.473	U	0.294	J	0.497	J	0.276	J	0.48	U
Sodium	~	~	~	155	J	150	J	196	U	286		172	U	312	
Thallium	~	~	~	2.01	U	1.89	U	1.96	U	2.08	U	1.72	U	1.92	U
Vanadium	~	~	~	19.3		16.5		29.8		12.7		16.9		15.5	
Zinc	109	10000	~	151	J	80.6	J	898	J	242	J	651	J	137	J
TCLP Metals	-	-	mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Lead	~	~	5	11.7		NT		0.336	J	0.0698	J	1.68		99.1	
Mercury	~	~	0.2	NT		NT		NT		NT		NT		ND	

Table 7A
Target Analyte List (TAL) Metals and TCLP Lead Mercury in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date				7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID				L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	-	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	~	3460		2560		3440		5450		3730		2460		2790	
Antimony	~	~	~	4.34	UJ	4.52	UJ	4.49	U	4.55	UJ	4.24	UJ	4.36	UJ	4.43	UJ
Arsenic	13	16	~	14.1	J-	5.3	J-	35.2		5.42	J-	6.43	J-	6.23	J-	9.82	J-
Barium	350	400	~	152	J+	97.3	J+	136		93.6	J+	1270	J+	46.7	J+	127	J+
Beryllium	7.2	72	~	0.251	J	0.195	J	0.255	J	0.35	J	0.284	J	0.173	J	0.253	J
Cadmium	2.5	4.3	~	0.352	J	0.2	J	0.302	J	0.909	U	0.224	J	0.872	U	0.1	J
Calcium	~	~	~	2180	J	6510	J	2160		7340	J	59000	J	35600	J	6880	J
Chromium	~	~	~	8.93		13.8		22.1		8.86		7.66		5.81		7.48	
Cobalt	~	~	~	6.32		3.73		4.63		3.88		3.42		3.01		2.74	
Copper	50	270	~	81.3	J-	49.4	J-	57.4		92.2	J-	10.6	J-	14.3	J-	40.9	J-
Iron	~	~	~	9700		6420		9410		9740		6240		4860		9660	
Lead	63	400	~	636		336		1710		237		375		371		692	
Magnesium	~	~	~	790		2140		1880		2220		4690		2200		1120	
Manganese	1600	2000	~	141		104		150		234		205		182		96	
Mercury	0.18	0.81	~	1.27		0.604		0.562		0.858		0.166		0.535		1.89	
Nickel	30	310	~	16.8		13.9		19.5		9.26		14.5		15.8		8.25	
Potassium	~	~	~	468		479		414		479		1270		463		390	
Selenium	3.9	180	~	1	J	0.906	J	0.458	J	0.472	J	1.7	U	0.975	J	8.82	
Silver	2	180	~	0.27	J	0.452	U	0.449	U	0.273	J	0.424	U	0.436	U	0.443	U
Sodium	~	~	~	107	J	96.6	J	180	U	101	J	164	J	121	J	181	
Thallium	~	~	~	1.74	U	1.81	U	1.8	U	1.82	U	1.7	U	1.74	U	1.77	U
Vanadium	~	~	~	14.4		13.3		19.3		12.4		11		10.5		14.1	
Zinc	109	10000	~	226	J	113	J	114		50.4	J	789	J	161	J	233	J
TCLP Metals	-	-	mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Lead	~	~	5	1.43		0.461	J	1.24		1.19		24		0.0425	J	6.27	
Mercury	~	~	0.2	NT		NT		NT		NT		NT		NT		NT	

Table 7B
TAL Metals in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID and Depth	NYSDEC Part 375	NYSDEC Part 375	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)	
Sample Date	Unrestricted Use	Restricted Residential	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	**9040**		**12700**		**8200**		**13900**		**11500**	
Antimony	~	~	**4.36**	J-	**3.55**	J-	3.16	UJ	**5.90**	J-	2.65	UJ
Arsenic	13	16	**5.27**		1.59	U	**21.9**	J+	**14.3**	J+	**6.98**	J+
Barium	350	400	**110**	J+	**108**	J+	**208**	J+	**214**	J+	**80.7**	J+
Beryllium	7.2	72	0.059	UJ	0.053	UJ	0.063	UJ	0.063	UJ	0.053	UJ
Cadmium	2.5	4.3	0.36	U	0.32	U	**0.58**		**0.38**		0.32	U
Calcium	~	~	**2880**		**31500**		**14200**	B	**6860**		**48900**	
Chromium	~	~	**16.7**	J+	**22.0**	J+	**19.7**		**30.7**		**22.1**	
Cobalt	~	~	**7.63**		**19.6**		**6.74**		**14.4**		**9.07**	
Copper	50	270	**26.3**	J+	**14.9**	J+	**32.9**	J+	**139**	J+	**23.7**	J+
Iron	~	~	**14100**		**19800**		**11100**		**27700**		**16100**	
Lead	63	400	**196**		**14.5**		**1560**	J+	**743**	J+	**27.2**	J+
Magnesium	~	~	**2220**		**8600**		**2920**		**7450**	J+	**17600**	J+
Manganese	1600	2000	**195**		**193**		**246**		**374**		**1130**	
Nickel	30	310	**21.1**	J-	**48.5**	J-	**24.9**	J-	**76.3**	J-	**46.5**	J-
Potassium	~	~	**1100**		**6830**		**1210**	J+	**3070**	J+	**2300**	J+
Selenium	3.9	180	2.96	UJ	2.64	UJ	3.16	UJ	3.15	UJ	2.65	UJ
Silver	2	180	0.59	U	**1.15**		**0.69**		**7.08**		**0.67**	
Sodium	~	~	59.3	UJ	**194**	J-	63.2	UJ	63.1	UJ	**322**	J-
Thallium	~	~	1.23	U	1.10	U	1.32	U	1.31	U	1.10	U
Vanadium	~	~	**23.4**		**27.5**		**29.1**		**42.2**		**26.0**	
Zinc	109	10000	**62.3**	J	**56.8**	J	**496**	J+	**249**	J+	**59.8**	J+
Mercury	0.18	0.81	**3.29**		**0.66**		**0.51**		**3.10**		**0.040**	
Chromium, Hexavalent	1	110	0.59	U	0.53	U	0.63	U	0.63	U	0.53	U
Chromium, Trivalent	30	180	**16.7**		**22.0**		**19.7**		**30.7**		**22.1**	

Table 7B
TAL Metals in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID and Depth	NYSDEC Part 375	NYSDEC Part 375	SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)	
Sample Date	Unrestricted Use	Restricted Residential	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	**6970**		**6710**		**2110**		**10200**		**7560**		**9960**	
Antimony	~	~	2.94	UJ	3.17	UJ	2.73	UJ	**36.9**	J-	**3.99**	J-	**6.22**	J-
Arsenic	13	16	**13.3**	J+	**106**	J+	**3.23**	J+	**43.2**	J+	**12.2**	J+	**8.86**	J+
Barium	350	400	**4910**	J+	**1090**	J+	**81.3**	J+	**550**	J+	**318**	J+	**122**	J+
Beryllium	7.2	72	0.059	UJ	0.063	UJ	0.055	U	**0.11**	J-	0.061	UJ	0.058	UJ
Cadmium	2.5	4.3	**2.11**		0.38	U	0.33	U	0.39	U	0.37	U	0.35	U
Calcium	~	~	**69700**		**25600**		**5950**		**15000**		**2860**		**26500**	
Chromium	~	~	**18.4**		**49.6**		**13.3**		**109**		**19.3**		**17.6**	
Cobalt	~	~	**0.81**		**9.8**		**3.30**		**24.6**		**6.16**		**7.87**	
Copper	50	270	**22.6**	J+	**102**	J+	**26.8**	J+	**181**	J+	**62.7**	J+	**111**	J+
Iron	~	~	**12800**		**14100**		**4750**		**185000**		**15800**		**20300**	
Lead	63	400	**2400**	J+	**1690**	J+	**78.6**	J+	**688**	J+	**1870**	J+	**446**	J+
Magnesium	~	~	**10300**	J+	**2150**	J+	**618**	J+	**11600**	J+	**3120**	J+	**2570**	J+
Manganese	1600	2000	**548**		**180**		**45.7**		**792**		**187**		**250**	
Nickel	30	310	**23.5**	J-	**21.7**	J-	**70.7**	J-	**451**	J-	**15.5**	J-	**20.8**	J-
Potassium	~	~	**1550**	J+	**1080**	J+	**688**	J+	**2480**	J+	**1630**	J+	**1250**	J+
Selenium	3.9	180	2.94	U	3.17	UJ	2.73	UJ	3.25	U	3.06	UJ	2.91	UJ
Silver	2	180	**0.68**		**1.28**		0.55	U	0.65	U	0.61	U	0.58	U
Sodium	~	~	58.7	UJ	63.3	UJ	**459**	J-	**862**	J-	61.2	UJ	**150**	J-
Thallium	~	~	**3.28**		1.32	U	**3.43**		**12.9**		1.27	U	1.21	U
Vanadium	~	~	**25.0**		**25.4**		**638**		**3470**		**21.6**		**24.5**	
Zinc	109	10000	**2980**	J+	**470**	J+	**118**	J+	**425**	J+	**977**	J+	**101**	J+
Mercury	0.18	0.81	**0.40**		**1.58**		**0.090**		**47.1**		**6.22**		**0.99**	
Chromium, Hexavalent	1	110	0.59	U	0.63	U	0.55	U	0.65	U	0.61	U	0.58	U
Chromium, Trivalent	30	180	**18.4**		**49.6**		**13.3**		**109**		**19.3**		**17.6**	

Table 7B
TAL Metals in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID and Depth	NYSDEC Part 375	NYSDEC Part 375	SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)	
Sample Date	Unrestricted Use	Restricted Residential	9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Aluminum	~	~	**4350**		**7100**		**6230**		**3560**		**6670**		**13400**	
Antimony	~	~	3.25	UJ	**4.58**	J-	**4.16**	J-	3.16	UJ	3.59	UJ	**5.50**	J-
Arsenic	13	16	**20.7**	J	**19.6**	J-	**6.99**	J	**2.17**	J	**12.6**	J	**7.11**	J
Barium	350	400	**677**		**167**		**64.9**		**36.4**		**209**		**91.7**	
Beryllium	7.2	72	0.065	U	0.069	U	0.063	U	0.063	U	**0.11**		**0.075**	
Cadmium	2.5	4.3	0.39	U	0.41	U	0.38	U	0.38	U	0.43	U	0.37	U
Calcium	~	~	**8880**	J	**15800**	J	**4330**	J	**212000**	J	**6170**	J	**1650**	J
Chromium	~	~	**18.8**		**18.4**		**14.5**		**6.43**		**12.1**		**15.9**	
Cobalt	~	~	**5.12**	J+	**8.82**		**6.40**		**3.07**		**8.07**		**7.04**	
Copper	50	270	**57.7**	J+	**50.9**	J+	**31.5**	J+	**13.7**	J+	**45.2**	J+	**19.1**	J+
Iron	~	~	**12000**		**25500**		**18700**		**4570**		**9330**		**21100**	
Lead	63	400	**740**		**377**	J+	**763**	J+	**31.7**		**296**		**103**	
Magnesium	~	~	**729**	J	**3030**	J	**2080**	J	**1220**	J	**1130**	J	**2710**	J
Manganese	1600	2000	**118**	J	**318**	J	**228**	J	**163**	J	**89.6**	J	**331**	J
Nickel	30	310	**14.1**	J+	**17.2**	J	**20.0**	J	**7.80**	J	**19.7**	J	**20.2**	J
Potassium	~	~	**720**	J+	**1220**		**1100**		**373**	J+	**1340**	J+	**1200**	J+
Selenium	3.9	180	3.25	U	3.45	U	3.15	U	3.16	U	3.59	U	3.07	U
Silver	2	180	0.65	U	0.69	U	0.63	U	**3.66**		0.72	U	0.62	U
Sodium	~	~	**160**	J-	69	UJ	**264**	J-	**878**	J-	**196**	J-	**2310**	J-
Thallium	~	~	1.35	U	1.44	U	1.31	U	1.31	U	1.49	U	1.28	U
Vanadium	~	~	**18.4**		**26.1**		**19.2**		**7.52**		**26.4**		**24.7**	
Zinc	109	10000	**236**	J+	**296**	J+	**58.9**	J+	**30.5**	J+	**77.1**	J+	**52.9**	J+
Mercury	0.18	0.81	**10.8**		**2.31**		**2.04**		**0.58**		**12.0**		**3.28**	
Chromium, Hexavalent	1	110	0.62	U	0.68	U	0.59	U	0.60	U	0.67	U	0.58	U
Chromium, Trivalent	30	180	**18.8**		**18.4**		**14.5**		**6.43**		**12.1**		**15.9**	

Table 8A
Per- and Poly-Fluoroalkyl Substances (PFAS) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-1 (0-2)		25SB-1 (9-11)		25SB-1 (12-13)		25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-01		L2541710-02		L2541710-03		L2541710-04		L2541710-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	0.00499	U	0.005	U	0.00499	U	0.00499	U	0.00498	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	0.00499	U	0.005	U	0.00499	U	0.00499	U	0.00498	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	0.000999	U	0.001	U	0.000998	U	0.000997	U	0.000995	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	0.002	U	0.002	U	0.002	U	0.00199	U	0.00199	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	0.00108	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	0.002	U	0.002	U	0.002	U	0.00199	U	0.00199	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	0.00108	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	0.000399	U	0.0004	U	0.000399	U	0.000399	U	0.000398	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	0.000399	U	0.0004	U	0.000399	U	0.000399	U	0.000398	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	0.000399	U	0.0004	U	0.000399	U	0.000399	U	0.000398	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	0.000399	U	0.0004	U	0.000399	U	0.000399	U	0.000398	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorobutanoic Acid (PFBA)	~	~	0.000799	U	0.0008	U	0.000799	U	0.000798	U	0.000796	U
Perfluorodecanesulfonic Acid (PFDS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorodecanoic Acid (PFDA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorododecanoic Acid (PFDoA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluoroheptanoic Acid (PFHpA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorohexanesulfonic Acid (PFHxS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorohexanoic Acid (PFHxA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorononanesulfonic Acid (PFNS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorononanoic Acid (PFNA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorooctanesulfonamide (PFOSA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorooctanoic Acid (PFOA)	0.00066	0.033	0.0002	U	0.00005	J	0.000189	J	0.000199	U	0.000199	U
Perfluoropentanesulfonic Acid (PFPeS)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluoropentanoic Acid (PFPeA)	~	~	0.000399	U	0.0004	U	0.000399	U	0.000399	U	0.000398	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U
Perfluoroundecanoic Acid (PFUnA)	~	~	0.0002	U	0.0002	U	0.0002	U	0.000199	U	0.000199	U

Table 8A
Per- and Poly-Fluoroalkyl Substances (PFAS) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-3 (0-2)		25SB-3 (12-13)		25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)		25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25		7/2/25	
Laboratory ID			L2541710-06		L2541710-07		L2541710-8		L2541710-9		L2541710-10		L2541710-11		L2541710-12	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	0.00498	U	0.00498	U	0.00498	U	0.005	U	0.00497	U	0.005	U	0.00499	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	0.00498	U	0.00498	U	0.00498	U	0.005	U	0.00497	U	0.005	U	0.00499	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	0.000997	U	0.000996	U	0.000997	U	0.001	U	0.000995	U	0.000999	U	0.000998	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	0.00199	U	0.00199	U	0.00199	U	0.002	U	0.00199	U	0.002	U	0.002	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	0.00199	U	0.00199	U	0.00199	U	0.002	U	0.00199	U	0.002	U	0.002	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	0.000399	U	0.000398	U	0.000399	U	0.0004	U	0.000398	U	0.0004	U	0.000399	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	0.000399	U	0.000398	U	0.000399	U	0.0004	U	0.000398	U	0.0004	U	0.000399	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	0.000399	U	0.000398	U	0.000399	U	0.0004	U	0.000398	U	0.0004	U	0.000399	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	0.000399	U	0.000398	U	0.000399	U	0.0004	U	0.000398	U	0.0004	U	0.000399	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	~	~	0.000797	U	0.000797	U	0.000798	U	0.0008	U	0.000796	U	0.0008	U	0.000798	U
Perfluorodecanesulfonic Acid (PFDS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorohexanesulfonic Acid (PFHxS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorohexanoic Acid (PFHxA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorononanesulfonic Acid (PFNS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorononanoic Acid (PFNA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044	0.000199	U	0.000038	J	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanoic Acid (PFOA)	0.00066	0.033	0.000199	U	0.000199	U	0.000199	U	0.000033	J	0.000129	J	0.000035	J	0.0002	U
Perfluoropentanesulfonic Acid (PFPeS)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluoropentanoic Acid (PFPeA)	~	~	0.000399	U	0.000398	U	0.000399	U	0.0004	U	0.000398	U	0.0004	U	0.000399	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	~	~	0.000199	U	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.0002	U	0.0002	U

Table 8A
Per- and Poly-Fluoroalkyl Substances (PFAS) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)		25SB-7 (0-2)		25SB-7 (12-13)		25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date			7/2/25		7/2/25		7/2/25		7/8/25		7/8/25		7/8/25		7/8/25	
Laboratory ID			L2541710-13		L2542557-14		L2542557-15		L2542557-01		L2542557-02		L2541375-03		L2541375-04	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	0.00499	U	0.00498	U	0.005	U	0.00497	U	0.00499	U	0.00499	U	0.00499	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	0.00499	U	0.00498	U	0.005	U	0.00497	U	0.00499	U	0.00499	U	0.00499	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	0.000997	U	0.000996	U	0.001	U	0.000995	U	0.000997	U	0.000998	U	0.000998	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	0.00199	U	0.00199	U	0.002	U	0.00199	U	0.00199	U	0.002	U	0.002	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	0.000199	U	0.000386	J	0.000066	J	0.000199	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	0.00199	U	0.000428	J	0.002	U	0.00199	U	0.00199	U	0.002	U	0.002	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	0.000199	U	**0.00278**		0.000371	J	0.00017	J	0.000199	U	0.0002	U	0.0002	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	0.000399	U	0.000398	U	0.0004	U	0.000398	U	0.000399	U	0.000399	U	0.000399	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	0.000399	U	0.000398	U	0.0004	U	0.000398	U	0.000399	U	0.000399	U	0.000399	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	0.000399	U	0.000398	U	0.0004	U	0.000398	U	0.000399	U	0.000399	U	0.000399	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	0.000399	U	0.000398	U	0.0004	U	0.000398	U	0.000399	U	0.000399	U	0.000399	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	~	~	0.000798	U	0.000797	U	0.0008	U	0.000796	U	0.000798	U	0.000799	U	0.000798	U
Perfluorodecanesulfonic Acid (PFDS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorohexanesulfonic Acid (PFHxS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorohexanoic Acid (PFHxA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorononanesulfonic Acid (PFNS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorononanoic Acid (PFNA)	~	~	0.000199	U	0.000024	J	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	~	~	0.000199	U	0.000057	J	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044	0.000199	U	0.000125	J	0.000142	J	0.000041	J	0.000046	J	0.0002	U	0.0002	U
Perfluorooctanoic Acid (PFOA)	0.00066	0.033	0.000077	J	0.000062	J	0.0002	U	0.000199	U	0.000199	U	0.000168	J	0.000036	J
Perfluoropentanesulfonic Acid (PFPeS)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluoropentanoic Acid (PFPeA)	~	~	0.000399	U	0.000398	U	0.0004	U	0.000398	U	0.000399	U	0.000399	U	0.000399	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	~	~	0.000199	U	0.000199	U	0.0002	U	0.000199	U	0.000199	U	0.0002	U	0.0002	U

Table 8A
Per- and Poly-Fluoroalkyl Substances (PFAS) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-9 (0-2)		25SB-9 (11-12)		25SB-10 (0-2)		25SB-10 (11-12)		25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-10		L2541375-11		L2541375-12		L2541375-13		L2541375-01		L2541375-02	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	0.00498	U	0.005	U	0.00496	U	0.00498	U	0.00499	U	0.00499	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	0.00498	U	0.005	U	0.00496	U	0.00498	U	0.00499	U	0.00499	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	0.000997	U	0.001	U	0.000992	U	0.000996	U	0.000998	U	0.000998	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000798	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	0.00199	U	0.002	U	0.00198	U	0.00199	U	0.002	U	0.002	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	0.00199	U	0.002	U	0.00198	U	0.00199	U	0.002	U	0.002	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	0.000399	U	0.0004	U	0.000397	U	0.000398	U	0.000399	U	0.000399	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	0.000399	U	0.0004	U	0.000397	U	0.000398	U	0.000399	U	0.000399	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	0.000399	U	0.0004	U	0.000397	U	0.000398	U	0.000399	U	0.000399	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	0.000399	U	0.0004	U	0.000397	U	0.000398	U	0.000399	U	0.000399	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	~	~	0.000797	U	0.0008	U	0.000794	U	0.000797	U	0.000799	U	0.000035	J
Perfluorodecanesulfonic Acid (PFDS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.000034	J
Perfluorohexanesulfonic Acid (PFHxS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorohexanoic Acid (PFHxA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.000031	JF
Perfluorononanesulfonic Acid (PFNS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorononanoic Acid (PFNA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000077	J	0.000023	J	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044	0.000199	U	0.000031	J	0.000198	U	**0.000873**		0.0002	U	0.000058	J
Perfluorooctanoic Acid (PFOA)	0.00066	0.033	0.000034	J	0.000174	J	0.000055	J	0.000064	J	0.00005	JF	**0.000379**	
Perfluoropentanesulfonic Acid (PFPeS)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluoropentanoic Acid (PFPeA)	~	~	0.000399	U	0.0004	U	0.000397	U	0.000398	U	0.000399	U	0.000399	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	~	~	0.000199	U	0.0002	U	0.000198	U	0.000199	U	0.0002	U	0.0002	U

Table 8A
Per- and Poly-Fluoroalkyl Substances (PFAS) in Soil Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-12 (0-2)		25SB-12 (11-12)		25SB-13 (0-2)		25SB-13 (11-12)		25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)		25SB-14 (11-12)	
Sampling Date			7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25		7/1/25	
Laboratory ID			L2541375-08		L2541375-09		L2541375-06		L2541375-07		L2541375-03		L2541375-04		L2541375-05		L2541710-05	
Sample Matrix			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	~	0.00496	U	0.00499	U	0.005	U	0.005	U	0.005	U	0.005	U	0.00499	U	0.00498	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	~	0.00496	U	0.00499	U	0.005	U	0.005	U	0.005	U	0.005	U	0.00499	U	0.00498	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	~	0.000992	U	0.000999	U	0.000999	U	0.001	U	0.001	U	0.001	U	0.000999	U	0.000996	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000801	U	0.0008	U	0.0008	U	0.000799	U	0.000797	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	~	0.00198	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.00199	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	~	0.00198	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.00199	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	~	0.000397	U	0.000399	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.000398	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	~	0.000397	U	0.000399	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.000398	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	~	0.000397	U	0.000399	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.000398	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	~	0.000397	U	0.000399	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.000398	U
Perfluorobutanesulfonic Acid (PFBS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorobutanoic Acid (PFBA)	~	~	0.000794	U	0.000799	U	0.0008	U	0.000037	J	0.000073	J	0.0008	U	0.000799	U	0.000797	U
Perfluorodecanesulfonic Acid (PFDS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorodecanoic Acid (PFDA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorododecanesulfonic Acid (PFDoS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorododecanoic Acid (PFDoA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluoroheptanoic Acid (PFHpA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.00005	J	0.000075	J	0.0002	U	0.000018	J	0.000199	U
Perfluorohexanesulfonic Acid (PFHxS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorohexanoic Acid (PFHxA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.000028	J	0.0002	U	0.0002	U	0.000199	U
Perfluorononanesulfonic Acid (PFNS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorononanoic Acid (PFNA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000046	J	0.0002	U	0.000039	J
Perfluorooctanesulfonamide (PFOSA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.000014	JF	0.0002	U	0.0002	U	0.000199	U
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044	0.000198	U	0.000034	J	0.0002	U	0.0002	U	0.000043	J	0.000083	JF	0.000054	J	0.000188	J
Perfluorooctanoic Acid (PFOA)	0.00066	0.033	0.000096	J	0.000163	J	0.00005	J	**0.000647**		0.00031		0.000191	J	**0.000523**		0.00016	J
Perfluoropentanesulfonic Acid (PFPeS)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluoropentanoic Acid (PFPeA)	~	~	0.000397	U	0.000399	U	0.0004	U	0.000038	J	0.0004	U	0.0004	U	0.0004	U	0.000398	U
Perfluorotetradecanoic Acid (PFTeDA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluorotridecanoic Acid (PFTrDA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U
Perfluoroundecanoic Acid (PFUnA)	~	~	0.000198	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.000199	U

Table 8B
PFAS in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q
PFAS	ug/kg	ug/kg	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
N-EtFOSAA	~	~	0.29	U	0.26	U	0.31	U	0.32	U
N-MeFOSAA	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorodecanoic acid (PFDA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorododecanoic acid (PFDoA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorohexanoic acid (PFHxA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorononanoic acid (PFNA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorooctanesulfonic acid (PFOS)	0.88	8.8	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorooctanoic acid (PFOA)	0.66	6.6	0.29	U	0.26	U	0.31	U	**1.62**	
Perfluoropentanoic acid (PFPeA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.29	U	0.26	U	0.31	U	0.32	U

Table 8B
PFAS in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)	
Sample Date			9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PFAS	ug/kg	ug/kg	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
N-EtFOSAA	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
N-MeFOSAA	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorodecanoic acid (PFDA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorododecanoic acid (PFDoA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.26	U	**0.31**		0.31	U	6.81	U	8.10	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorohexanoic acid (PFHxA)	~	~	0.26	U	**0.36**		0.31	U	6.81	U	8.10	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.26	U	0.28	U	0.31	U	**9.84**		8.10	U
Perfluorononanoic acid (PFNA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorooctanesulfonic acid (PFOS)	0.88	8.8	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorooctanoic acid (PFOA)	0.66	6.6	0.26	U	**0.31**		0.31	U	6.81	U	8.10	U
Perfluoropentanoic acid (PFPeA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U

Table 8B
PFAS in Soil Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)	
Sample Date			9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022	
Sample Matrix			Soil		Soil		Soil		Soil		Soil	
Compounds			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PFAS	ug/kg	ug/kg	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	7.58	U	7.05	UJ	0.29	U	0.31	U	0.29	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
N-EtFOSAA	~	~	7.58	U	7.05	UJ	0.29	U	0.31	U	0.29	U
N-MeFOSAA	~	~	7.58	R	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorobutanesulfonic acid (PFBS)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorodecanoic acid (PFDA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorododecanoic acid (PFDoA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoroheptanoic acid (PFHpA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	7.58	UJ	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorohexanoic acid (PFHxA)	~	~	7.58	U	7.05	U	**0.31**		0.31	U	0.29	U
Perfluoro-n-butanoic acid (PFBA)	~	~	7.58	U	7.05	U	**0.33**	J	**0.53**		0.29	U
Perfluorononanoic acid (PFNA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorooctanesulfonic acid (PFOS)	0.88	8.8	7.58	U	7.05	R	0.29	U	0.31	U	0.29	U
Perfluorooctanoic acid (PFOA)	0.66	6.6	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoropentanoic acid (PFPeA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorotetradecanoic acid (PFTA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluorotridecanoic acid (PFTrDA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U
Perfluoroundecanoic acid (PFUnA)	~	~	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U

Table 9
Lead and Mercury Delineation
601-607 Union Street, Brooklyn, NY (C224392)

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-4 (0-2)		25SB-4X (6-7)		25SB-4 (7-9)		25SB-4X (9-10)		25SB-4 (12-13)		25SB-4X (13-15)		25SB-4X (15-17)		25SB-4X (19-21)		25SB-4X (21-23)		25SB-4X (23-25)		25SB-4X (25-27)		25SB-4X (29-30)	
Sampling Date				7/2/2025		8/21/25		7/2/2025		8/21/25		7/2/2025		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541710-08/L2544818-08		L2552999-30		L2541710-09/L2544818-09		L2552999-32		L2541710-10/L2544818-10		L2552999-33/L2554429-04		L2554429-10		L2555016-01		L2555017-01		L2555018-01		L2555020-01		L2555915-01/L2557973-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	563		1140		2570		435		10000		410		666		751		342		193	J	326		5.82	J
Mercury, Total	0.18	0.81	~	2.56		-	-	3.29		-	-	6.82		1.09		-	-	-	-	-	-	ND		-	-	ND	
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	2.63		38.6		7.04		12		2.1		1.4		2.81		3.22		0.187	J	0.499	J	3.36		0.033	J
Mercury, TCLP	~	~	0.2	-	-	-	-	-	-	-	-	ND		-	-	-	-	-	-	-	-	ND		-	-	ND	

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-5 (0-2)		25SB-5 (11-12)		25SB-5X (12-14)		25SB-5X (14-16)		25SB-5X (16-18)		25SB-5X (18-20)		25SB-5X (22-24)		25SB-5X (26-28)	
Sampling Date				7/2/2025		7/2/2025		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541710-11/L2544818-11		L2541710-12/L2544818-12		L2552999-42/L2554429-05		L2554429-11		L2555022-01		L2555023-01		555030-01/L2557964-01		L2555031-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	134		273		179		389		78.1		398		12.2		18.1	
Mercury, Total	0.18	0.81	~	0.354		3.68		1.1		-	-	-	-	-	-	ND		-	-
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	2.04		3.9		0.622		2.85		2.42		0.392	J	ND		0.14	
Mercury, TCLP	~	~	0.2	-	-	-	-	-	-	-	-	-	-	-	-	ND		-	-

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-6 (0-2)		25SB-6X (6-7)		25SB-6 (7-9)		25SB-6X (9-10)		25SB-6 (11-12)		25SB-6X (12-14)		25SB-6X (14-16)		25SB-6X (16-18)		25SB-6X (18-20)		25SB-6X (22-24)		25SB-6X (26-28)		25SB-6X (28-30)	
Sampling Date				7/2/2025		8/21/25		7/2/2025		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541710-13/L2544818-13		L2552999-17		L2541710-14/L2544818-14		L2552999-19		L2541710-15/L2544818-15		L2552999-21/L2554429-03		L2554429-09		L2554986-01		L2554992-01		L2555003-01		L2555982-01/L2557956-01		L2555989-01/L2557961-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	1360		128		244		1330		1350		745		404		424		411		815		25.2		10.5	
Mercury, Total	0.18	0.81	~	1.68		-	-	0.853		-	-	6.34		0.32		-	-	-	-	-	-	-	-	ND		ND	
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	1.8		2.05		5.47		3.24		0.165	J	14.2		2.06		2.9		2.95		2.4		0.668		ND	
Mercury, TCLP	~	~	0.2	-	-	-	-	-	-	-	-	ND		-	-	-	-	-	-	-	-	-	-	ND		ND	

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-9 (0-2)		25SB-9X (2-4)		25SB-9X (4-6)		25SB-9X (6-8)		25SB-9 (11-12)		25SB-9X (12-14)		25SB-9X (18-20)		25SB-9X (24-26)		25SB-9X (26-28)		25SB-9X (28-30)	
Sampling Date				7/1/2025		8/21/25		8/21/25		8/21/25		7/1/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541375-10/L2544872-10		L2552999-51		L2554429-12		L2555032-01		L2541375-11		L2552999-56/L2554429-06		L2554429-13		L2555935-01		L2555942-01/L2557941-01		L2555960-01/L2557953-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	498		211		892		318		97.2		425		346		1050		25.7		15.9	
Mercury, Total	0.18	0.81	~	0.576		-	-	-	-	-	-	0.919		0.665		-	-	-	-	ND		ND	
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	11.7		16		0.143	J	0.124	J	-	-	0.822		1.36		0.279		ND		ND	
Mercury, TCLP	~	~	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND		ND	

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-10 (0-2)		25SB-10X (7-8)		25SB-10 (11-12)		25SB-10X (12-14)		25SB-10X (14-16)		25SB-10X (16-18)		25SB-10X (18-20)		25SB-10X (24-26)		25SB-10X (26-28)		25SB-10X (28-30)	
Sampling Date				7/1/2025		8/21/25		7/1/2025		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541375-12/L2544872-11		L2552999-07		L2541375-13/L2544872-12		L2552999-08/L2554429-02		L2554429-08		L2554952-01		L2554961-01		L2554983-01		L2555834-01		L2555878-01/L2557924-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	745		516		3700		982		761		481		143		157		102		10.8	
Mercury, Total	0.18	0.81	~	0.915		-	-	7.47		-	-	-	-	-	-	-	-	-	-	-	-	ND	
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	0.336	J	41.2		0.0698	J	26.3		2.63		3.19		2.66		0.746		1.8		0.036	
Mercury, TCLP	~	~	0.2	-	-	-	-	ND		-	-	-	-	-	-	-	-	-	-	-	-	ND	

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	EPA Toxicity Characteristic (TCLP) Regulatory Levels	25SB-11 (0-2)		25SB-11X (7-8)		25SB-11 (11-12)		25SB-11X (12-14)		25SB-11X (14-16)		25SB-11X (16-18)		25SB-11X (18-20)	
Sampling Date				7/1/2025		8/21/25		7/1/2025		8/21/25		8/21/25		8/21/25		8/21/25	
Laboratory ID				L2541375-01/L2544872-01		L2552999-01		L2541375-02/L2544872-02		L2552999-02/L2554429-01		L2554429-07		L2554920-01		L2554938-01	
Sample Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Compound				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppm	ppm	~	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Lead, Total	63	400	~	1100		549		498		508		952		498		76.8	
Mercury, Total	0.18	0.81	~	0.968				8.83		-	-	-	-	-	-	-	-
TCLP Metals	~	~	mg/l	mg/l		mg/l		mg/l		mg/l		mg/l		mg/l		mg/l	
Lead, TCLP	~	~	5	1.68		11		99.1		2.1		2.9		0.609		0.303	J
Mercury, TCLP	~	~	0.2	-	-			ND		-	-	-	-	-	-	-	-

Table 10
SVOCs Delineation
601-607 Union Street, Brooklyn, NY (C224392)

Sample ID and Depth	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	25SB-4X (29'-30')		25SB-6X (26'-28')		25SB-10X (28'-30')	
Laboratory ID			L2560676-01		L2560703-01		L2560716-01	
Sampling Date			8/21/2025		8/21/2025		8/21/2025	
Sample Matrix			SOIL		SOIL		SOIL	
Compound			Conc	Q	Conc	Q	Conc	Q
SVOCs	ppm	ppm	ppm		ppm		ppm	
1,2,4,5-Tetrachlorobenzene	~	~	<0.13	U	<0.044	U	<0.03	U
1,2,4-Trichlorobenzene	~	~	<0.14	U	<0.048	U	<0.033	U
1,4-Dioxane	0.1	13	<0.056	U	<0.019	U	<0.013	U
2,3,4,6-Tetrachlorophenol	~	~	<0.24	U	<0.084	U	<0.058	U
2,4,5-Trichlorophenol	~	~	<0.23	U	<0.08	U	<0.055	U
2,4,6-Trichlorophenol	~	~	<0.23	U	<0.079	U	<0.055	U
2,4-Dichlorophenol	~	~	<0.2	U	<0.067	U	<0.046	U
2,4-Dimethylphenol	~	~	<0.4	U	<0.14	U	<0.095	U
2,4-Dinitrophenol	~	~	<0.56	U	<0.19	U	<0.13	U
2,4-Dinitrotoluene	~	~	<0.24	U	<0.083	U	<0.058	U
2,6-Dinitrotoluene	~	~	<0.21	U	<0.072	U	<0.05	U
2-Chloronaphthalene	~	~	<0.12	U	<0.041	U	<0.029	U
2-Chlorophenol	~	~	<0.14	U	<0.049	U	<0.034	U
2-Methylnaphthalene	~	~	<0.15	U	<0.05	U	<0.035	U
2-Methylphenol	0.33	100	<0.19	U	<0.065	U	<0.045	U
2-Nitroaniline	~	~	<0.23	U	<0.08	U	<0.056	U
2-Nitrophenol	~	~	<0.46	U	<0.16	U	<0.11	U
3,3'-Dichlorobenzidine	~	~	<0.32	U	<0.11	U	<0.077	U
3-Methylphenol/4-Methylphenol	0.33	100	<0.19	U	**0.22**	J	<0.045	U
3-Nitroaniline	~	~	<0.23	U	<0.079	U	<0.054	U
4,6-Dinitro-o-cresol	~	~	<0.58	U	<0.2	U	<0.14	U
4-Bromophenyl phenyl ether	~	~	<0.18	U	<0.064	U	<0.044	U
4-Chloroaniline	~	~	<0.22	U	<0.076	U	<0.053	U
4-Chlorophenyl phenyl ether	~	~	<0.13	U	<0.045	U	<0.031	U
4-Nitroaniline	~	~	<0.5	U	<0.17	U	<0.12	U
4-Nitrophenol	~	~	<0.5	U	<0.17	U	<0.12	U
Acenaphthene	20	100	<0.12	U	<0.043	U	<0.03	U
Acenaphthylene	100	100	<0.19	U	<0.064	U	<0.045	U
Acetophenone	~	~	<0.15	U	<0.052	U	<0.036	U
Anthracene	100	100	<0.24	U	<0.081	U	<0.056	U
Atrazine	~	~	<0.42	U	<0.14	U	<0.1	U
Azobenzene	~	~	<0.12	U	<0.04	U	<0.028	U
Benzaldehyde	~	~	<0.33	U	<0.11	U	<0.078	U
Benzidine	~	~	<1.3	U	<0.45	U	<0.31	U
Benzo(a)anthracene	1	1	<0.14	U	<0.047	U	**0.033**	J
Benzo(a)pyrene	1	1	<0.3	U	<0.1	U	<0.07	U
Benzo(b)fluoranthene	1	1	<0.2	U	<0.07	U	<0.049	U
Benzo(ghi)perylene	100	100	<0.14	U	<0.049	U	<0.034	U
Benzo(k)fluoranthene	0.8	3.9	<0.19	U	<0.067	U	<0.046	U
Benzoic Acid	~	~	<1.2	U	<0.42	U	<0.29	U
Benzyl Alcohol	~	~	<0.37	U	<0.13	U	<0.088	U
Biphenyl	~	~	<0.16	U	<0.054	U	<0.038	U
Bis(2-chloroethoxy)methane	~	~	<0.12	U	<0.042	U	<0.029	U
Bis(2-chloroethyl)ether	~	~	<0.16	U	<0.056	U	<0.039	U
Bis(2-chloroisopropyl)ether	~	~	<0.21	U	<0.071	U	<0.049	U
Bis(2-ethylhexyl)phthalate	~	~	<0.42	U	<0.14	U	<0.1	U
Butyl benzyl phthalate	~	~	<0.31	U	<0.1	U	<0.073	U
Caprolactam	~	~	<0.37	U	<0.13	U	<0.088	U
Carbazole	~	~	<0.12	U	<0.04	U	<0.028	U
Chrysene	1	3.9	<0.13	U	<0.043	U	<0.03	U
Di-n-butylphthalate	~	~	**0.23**	J	<0.079	U	<0.055	U
Di-n-octylphthalate	~	~	<0.41	U	<0.14	U	<0.098	U
Dibenzo(a,h)anthracene	0.33	0.33	<0.14	U	<0.048	U	<0.033	U
Dibenzofuran	7	59	<0.11	U	<0.039	U	<0.027	U
Diethyl phthalate	~	~	<0.11	U	<0.039	U	<0.027	U
Dimethyl phthalate	~	~	<0.26	U	<0.088	U	<0.061	U
Fluoranthene	100	100	<0.14	U	<0.048	U	**0.064**	J
Fluorene	30	100	<0.12	U	<0.04	U	<0.028	U
Hexachlorobenzene	0.33	1.2	<0.14	U	<0.047	U	<0.032	U
Hexachlorobutadiene	~	~	<0.18	U	<0.061	U	<0.042	U
Hexachlorocyclopentadiene	~	~	<1.1	U	<0.38	U	<0.26	U
Hexachloroethane	~	~	<0.2	U	<0.067	U	<0.047	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	<0.17	U	<0.058	U	<0.04	U
Isophorone	~	~	<0.16	U	<0.054	U	<0.038	U
n-Nitrosodi-n-propylamine	~	~	<0.19	U	<0.064	U	<0.045	U
n-Nitrosodimethylamine	~	~	<0.23	U	<0.08	U	<0.055	U
Naphthalene	12	100	<0.15	U	<0.051	U	<0.035	U
NDPA/DPA	~	~	<0.14	U	<0.047	U	<0.033	U
Nitrobenzene	~	~	<0.18	U	<0.062	U	<0.043	U
p-Chloro-m-cresol	~	~	<0.18	U	<0.062	U	<0.043	U
Pentachlorophenol	0.8	6.7	<0.27	U	<0.092	U	<0.064	U
Phenanthrene	100	100	<0.15	U	<0.051	U	**0.039**	J
Phenol	0.33	100	<0.18	U	<0.063	U	<0.044	U
Pyrene	100	100	<0.12	U	<0.041	U	**0.05**	J

Table 11
VOCs in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-4		25MW-5	
Sampling Date		7/14/2025		7/14/2025		7/15/2025		7/16/2025		7/14/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2544658-01		L2543949-03	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS	ppb	ppb		ppb		ppb		ppb		ppb	
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	~	5	U	5	U	5	U	5	UJ	5	U
Acetone	50	3	U	3.8	U	4.1	J	**8.5**		2.3	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.2	J
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U	1.6	J	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	~	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Freon-113	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	~	2	U	2	U	2	U	**5.3**		2	U
Methyl cyclohexane	~	10	U	10	U	10	U	10	U	10	U
Methyl tert butyl ether	10	2.5	U	0.82	J	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U

Table 11
VOCs in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-6		25MW-7		25MW-8		B8DW		B10D	
Sampling Date		7/15/2025		7/15/2025		7/16/2025		7/16/2025		7/16/2025	
Laboratory ID		L2544316-01		L2544316-02		L2544658-02		L2544658-03		L2544658-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS	ppb	ppb		ppb		ppb		ppb		ppb	
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	~	5	UJ	5	U	5	UJ	5	UJ	5	U
Acetone	50	4.2	J	**13**		**7.9**		5	U	4.2	J
Benzene	1	0.5	U	0.5	U	**1.7**		0.5	U	0.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	**3.7**		**29**	
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	~	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Freon-113	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	~	2	U	2	U	2	U	2	U	2	U
Methyl cyclohexane	~	10	U	10	U	10	U	10	U	10	U
Methyl tert butyl ether	10	0.24	J	2.5	U	2.5	U	**4**		0.22	J
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	0.5	U	**6.2**		**22**	
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	**4.3**	
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U	**3.8**		**10**	
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U

Table 11
VOCs in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25FB-1		TRIP BLANK		TRIP BLANK	
Sampling Date		7/14/2025		7/14/2025		7/16/2025	
Laboratory ID		L2543949-04		L2543949-05		L2544658-05	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS	ppb	ppb		ppb		ppb	
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U
4-Methyl-2-pentanone	~	5	U	5	U	5	U
Acetone	50	3.8	J	2.3	J	5	U
Benzene	1	0.5	U	0.5	U	0.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U
Chloromethane	~	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U
Cyclohexane	~	10	U	10	U	10	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U
Freon-113	5	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U
Methyl Acetate	~	2	U	2	U	2	U
Methyl cyclohexane	~	10	U	10	U	10	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U

Table 12
SVOCs in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-4		25MW-5		25MW-6		25MW-7		25MW-8		B8DW		B10D		25FB-1	
Sampling Date		7/14/25		7/14/25		7/15/25		7/16/2025		7/14/2025		7/15/2025		7/15/2025		7/16/2025		7/16/2025		7/16/2025		7/14/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2544658-01		L2543949-03		L2544316-01		L2544316-02		L2544658-02		L2544658-03		L2544658-04		L2543949-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS	ppb	ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	~	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	~	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
3-Methylphenol/4-Methylphenol	~	5	U	5	U	5	U	**8.2**		5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	~	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	~	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	~	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	~	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	7.5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzaldehyde	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Biphenyl	~	2	U	2	U	2	U	2	U	2	U	2	U	0.36	J	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	3	U	2.3	J	3	U	3	U	3	U	**3.3**		2.9	J	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	~	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	**80**		**45**		10	U
Carbazole	~	2	U	2	U	2	U	**3.1**		2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U
Dibenzofuran	~	2	U	2	U	2	U	1.3	J	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	0.84	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U	4.6	J	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Nitrosodi-n-propylamine	~	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
p-Chloro-m-cresol	~	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	1.5	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Semivolatile Organics by GC/MS-SIM	ppb	ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb	
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1	U	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene	~	0.1	U	0.03	J	0.1	U	**0.85**		0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U	0.1	U
Acenaphthene	20	0.1	U	0.07	J	0.06	J	**3**		**0.42**		0.1	U	**2.2**		**1.5**		0.1	U	0.1	U	0.1	U
Acenaphthylene	~	0.1	U	0.1	U	0.1	U	**0.49**		0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U	0.1	U
Anthracene	50	0.1	U	0.1	U	0.1	U	**1.2**		0.06	J	0.1	U	0.07	J	0.5	U	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	0.002	0.04	U	0.05	U	0.1	U	**0.9**		**0.23**		0.1	U	**0.03**	J	**0.55**		0.1	U	0.1	U	0.04	U
Benzo(a)pyrene	0.002	0.1	U	0.1	U	0.1	U	**0.93**		**0.25**		0.1	U	0.1	U	0.43	J	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	**1.2**		**0.32**		0.1	U	0.1	U	0.45	J	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	~	0.1	U	0.1	U	0.1	U	**0.68**		**0.18**		0.1	U	0.1	U	0.43	J	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	**0.32**		0.1	J	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.1	U	**0.92**		**0.19**		0.1	U	0.1	U	0.22	J	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	~	0.05	U	0.1	U	0.1	U	**0.18**		0.08	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U	0.05	U
Fluoranthene	50	0.03	J	0.06	J	0.04	J	**2.3**		**0.35**		0.03	J	**0.38**		**0.96**		0.1	U	0.1	U	0.1	U
Fluorene	50	0.1	U	0.04	J	0.03	J	**1.8**		0.04	J	0.1	U	0.71		0.18	J	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.05	J	0.8	U	0.8	U	0.8	U	4	U	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	4	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	J	**0.7**		**0.18**	J	0.1	U	0.1	U	0.31	J	0.05	J	0.1	U	0.1	U
Naphthalene	10	0.05	J	**0.11**		0.1	U	**1.6**		0.05	J	0.1	U	0.03	J	7.6		0.1	U	0.06	J	0.1	U
Pentachlorophenol	1	0.22	U	0.19	U	0.8	U	0.8	U	0.18	U	0.8	U	0.8	U	4	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.06	J	**0.11**		0.07	J	**5.6**		**0.19**		0.07	J	0.07	J	0.5	U	0.1	U	0.05	J	0.1	U
Pyrene	50	0.1	U	0.05	J	0.04	J	**2.1**		**0.38**		0.1	U	**0.54**		**0.88**		0.1	U	0.1	U	0.1	U

Table 13
Herbicides and Pesticides in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-4		25MW-5		25MW-6		25MW-7		25MW-8		88DW		810D		25FB-1	
Sampling Date		7/14/25		7/14/25		7/15/25		7/16/2025		7/14/2025		7/15/2025		7/15/2025		7/16/2025		7/16/2025		7/16/2025		7/14/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2544658-01		L2543949-03		L2544316-01		L2544316-02		L2544658-02		L2544658-03		L2544658-04		L2543949-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
Chlorinated Herbicides	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
2,4-D	50	10	U	10	U	10	U	-	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-T	35	2	U	2	U	2	U	-	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-TP (Silvex)	~	2	U	2	U	2	U	-	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Organochlorine Pesticides	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.016	JP	0.041	IP	0.029	U
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	0.004	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	~	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	~	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	~	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	5	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	0.06	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-Chlordane	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

Table 14
PCBs in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-4		25MW-5		25MW-6		25MW-7		25MW-8		B8DW		B10D		25FB-1	
Sampling Date		7/14/25		7/14/25		7/15/25		7/16/2025		7/14/2025		7/15/2025		7/15/2025		7/16/2025		7/16/2025		7/16/2025		7/14/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2544658-01		L2543949-03		L2544316-01		L2544316-02		L2544658-02		L2544658-03		L2544658-04		L2543949-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls	ppb	ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb		ppb	
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
PCBs, Total	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U

Table 15
Total and Dissolved Metals in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-4		25MW-5		25MW-6		25MW-7		25MW-8		B8DW		B10D		25FB-1	
Sampling Date		7/14/25		7/14/25		7/15/25		7/16/2025		7/14/2025		7/15/2025		7/15/2025		7/16/2025		7/16/2025		7/16/2025		7/14/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2544658-01		L2543949-03		L2544316-01		L2544316-02		L2544658-02		L2544658-03		L2544658-04		L2543949-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
Aluminum, Total	~	**14.6**		**97**		**255**		**5540**		**32600**		**34.9**		**51.6**		**2690**		**948**		**1270**		4.52	J
Antimony, Total	3	4	U	4	U	4	U	2.08	J	1.41	J	4	U	0.81	J	0.76	J	4	U	4	U	4	U
Arsenic, Total	25	**3.1**		**3.12**		**2.54**		**18.54**		**48.64**		**1.64**		**16.86**		**23.26**		**9.26**		**1.3**		0.5	U
Barium, Total	1000	**313.8**		**711.9**		**217.8**		**553.6**		**1073**		**316**		**101.8**		**351.4**		**125.7**		**156.5**		0.18	J
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	0.35	J	**2.97**		0.5	U	0.5	U	0.2	J	0.5	U	0.1	J	0.5	U
Cadmium, Total	5	0.2	U	0.2	U	0.2	U	**0.32**		**3.21**		0.2	U	0.2	U	0.19	J	0.2	U	0.2	U	0.2	U
Calcium, Total	~	**238000**		**244000**		**171000**	J+	**266000**		**141000**		**186000**	J+	**73500**	J+	**83200**		**114000**		**95100**		42	J
Chromium, Total	50	0.39	J	0.58	J	0.72	J	**17.31**		**64.72**		0.27	J	0.46	J	**7.35**		**10.38**		**6.86**		1	U
Cobalt, Total	~	**1.15**		**0.66**		**0.51**		**11.49**		**40.29**		**0.57**		**1.29**		**3.26**		**1.89**		**2.03**		0.5	U
Copper, Total	200	0.52	J	**4.08**		**2.76**		**40.01**		**384.9**		0.61	J	**1.67**		**19.61**		**3.56**		**6.7**		1	U
Iron, Total	300	**35100**		**55300**		**21400**		**25200**		**59800**		**32100**		**3730**		**16200**		**5160**		**3050**		50	U
Lead, Total	25	**4.46**		**15.36**		**26.84**		**579.9**		**2707**		**4.58**		**9.24**		**312.6**		**6.32**		**4.23**		0.37	J
Magnesium, Total	35000	**49000**	J	**29400**	J	**16600**		**46400**	J-	**37000**	J	**40100**		**10500**		**14300**	J-	**62800**	J-	**69100**	J-	70	U
Manganese, Total	300	**920.5**		**2667**		**1253**		**1488**		**3698**		**1148**		**379.5**		**678.1**		**1175**		**239.5**		0.57	J
Mercury, Total	0.7	0.2	U	0.2	U	0.13	J	**3**		**9.92**		0.2	U	0.2	U	**1.1**		0.2	U	0.2	U	0.2	U
Nickel, Total	100	1.11	J	**2.08**		0.66	J	**22.84**		**104**		0.94	J	**2.48**		**7.11**		**4.86**		**6.22**		2	U
Potassium, Total	~	**32800**	J+	**36300**	J+	**14600**		**58100**		**29400**	J+	**24200**		**5900**		**21000**		**17600**		**19200**		100	U
Selenium, Total	10	5	U	5	U	5	U	4.07	J	**19.8**		5	U	5	U	2.28	J	5	U	5	U	5	U
Silver, Total	50	0.4	U	0.4	U	0.4	U	**1.12**		**1.36**		0.4	U	**0.54**		**0.87**		0.4	U	0.4	U	0.4	U
Sodium, Total	20000	**188000**		**543000**		**117000**		**540000**		**392000**		**324000**		**22200**		**369000**		**198000**		**234000**		200	J
Thallium, Total	0.5	1	U	1	U	1	U	0.22	J	**0.81**	J	1	U	1	U	0.16	J	2	U	2	U	1	U
Vanadium, Total	~	5	U	5	U	1.66	J	**18.41**		**147.4**		5	U	2.53	J	9.82		2.51	J	4.79	J	5	U
Zinc, Total	2000	6.85	J	7.22	J	**13.05**		**281.9**		**1561**		3.41	J	**14.7**		**166.4**		**13.54**		**24.71**		10	U
Dissolved Metals	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
Aluminum, Dissolved	~	4.85	J	5.33	J	9.6	J	NT		**206**		4.04	J	4.33	J	**23.6**		**33.9**		**129**		4.5	J
Antimony, Dissolved	3	4	U	4	U	4	U	NT		0.5	J	4	U	0.85	J	0.46	J	4	U	0.64	J	4	U
Arsenic, Dissolved	25	**0.81**		**0.78**		**0.7**		NT		**1**		**0.7**		**4.71**		**1.15**		**4.57**		**0.95**		0.5	U
Barium, Dissolved	1000	**167.6**		**309.8**		**128.3**		NT		**127**		**165.3**		**87.26**		**167.5**		**103.3**		**134.9**		**0.54**	
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	NT		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	0.2	U	0.2	U	0.2	U	NT		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Dissolved	~	**207000**		**197000**		**176000**		NT		**104000**		**172000**		**66700**		**69700**		**86800**		**80600**		93.4	J
Chromium, Dissolved	50	**1.03**		1	U	1	U	NT		0.52	J	1	U	0.25	J	0.24	J	**1.75**		**1.77**		1	U
Cobalt, Dissolved	~	**0.94**		0.47	J	**0.6**		NT		**4.91**		**0.67**		**1.24**		**1.48**		**0.62**		**0.85**		0.5	U
Copper, Dissolved	200	0.53	J	0.6	J	1	U	NT		**1.62**		0.66	J	0.78	J	**1.62**		0.95	J	**2.09**		1	U
Iron, Dissolved	300	**2120**		**1560**		**1960**		NT		**501**		**1330**		**921**		**116**		**1500**		**805**		27.2	J
Lead, Dissolved	25	1	U	0.63	J	0.74	J	NT		**8.21**		**2**		**1.41**		**3.17**		**1.19**		**1.1**		1	U
Magnesium, Dissolved	35000	**56600**		25200		26100		NT		**25800**		**29700**		**9450**		**10400**		**60500**		**68900**		70	U
Manganese, Dissolved	300	**768.4**		**1798**		**1016**		NT		**1643**		**932.1**		**311.5**		**462.5**		**822.9**		174		1	U
Mercury, Dissolved	0.7	0.2	U	0.2	U	0.2	U	NT		0.2	U	0.2	U	0.4	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	2	U	1.84	J	2	U	NT		**5.88**		0.8	J	**2.13**		**2.41**		1.66	J	2.09		2	U
Potassium, Dissolved	~	**29800**		**29000**		**22700**		NT		**19500**		**19900**		**5000**		**17000**		**12900**		**13900**		100	U
Selenium, Dissolved	10	5	U	5	U	5	U	NT		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	0.4	U	NT		0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**203000**		**536000**		**188000**		NT		**341000**		**190000**		**19100**		**369000**		**185000**		**229000**		326	J
Thallium, Dissolved	0.5	1	U	1	U	1	U	NT		1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vanadium, Dissolved	~	5	U	5	U	5	U	NT		5	U	5	U	5	U	5	U	5	U	2.15	J	5	U
Zinc, Dissolved	2000	10	U	10	U	3.93	J	NT		**46.58**		10	U	6.71	J	**32.58**		10	U	5.65	J	10	U

Table 16
Total and Dissolved Metals in Groundwater Samples (2026 Confirmatory Sampling)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-4		25MW-5		25MW-5-DUP		25MW-7		FB-2.16.26	
Sampling Date		2/12/2026		2/12/2026		2/12/2026		2/16/26		2/16/26	
Laboratory ID		L2607998-01		L2607998-02		L2607998-03		L2608427-01		L2608427-02	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		WATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals	ppb	ppb		ppb		ppb		ppb		ppb	
Aluminum, Total	~	**23900**		**401**	J	**233**	J	**85.6**		11.8	U
Antimony, Total	3	2.55	J-	4	UJ	4	UJ	4	U	4	U
Arsenic, Total	25	**51.41**		**4.11**		**3.73**		**10.31**		0.5	U
Barium, Total	1000	**2797**	J-	**179.9**	J-	**169.4**	J-	**184**		0.5	U
Beryllium, Total	3	**1.67**		0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Total	5	**6.95**		0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Total	~	**366000**		**113000**		**109000**		**130000**		100	U
Chromium, Total	50	**79.03**		**1.18**		0.71	J	0.54	J	1	U
Cobalt, Total	~	**42.33**		**0.88**	J	**0.67**	J	**0.6**		0.5	U
Copper, Total	200	**271**		**4.54**	J	**2.81**	J	**1.24**		1	U
Iron, Total	300	**80600**		**8040**		**7660**		**15800**		50	U
Lead, Total	25	**2046**	J-	**27.26**	J-	**15.63**	J-	**4.15**		1	U
Magnesium, Total	35000	**42700**		**20200**		**19600**		**20000**		70	U
Manganese, Total	300	**2626**		**1773**		**1756**		**650.3**		1	U
Mercury, Total	0.7	**9.62**		0.2	U	0.15	J	**0.1**	J	0.2	U
Nickel, Total	100	**83.49**		**2.13**		1.66	J	2	U	2	U
Potassium, Total	~	**35400**		**19600**		**18900**		**10200**		100	U
Selenium, Total	10	**5.2**	J-	5	R	5	R	5	U	5	U
Silver, Total	50	**1.72**	J	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Total	20000	**354000**		**450000**		**433000**		**72300**		**162**	J
Thallium, Total	0.5	**0.67**	J	1	U	1	U	1	U	1	U
Vanadium, Total	~	**113.4**		2.54	J	1.71	J	1.59	J	5	U
Zinc, Total	2000	**3312**		**19.52**	J	**12.22**	J	**10.1**		**4.48**	J
Dissolved Metals	ppb	ppb		ppb		ppb		ppb		ppb	
Aluminum, Dissolved	~	**8.09**	J	10	U	10	U	10	U	10	U
Antimony, Dissolved	3	**2.57**	J	4	U	4	U	4	U	4	U
Arsenic, Dissolved	25	**2.11**		**2.55**		**2.33**		**5.83**		0.5	U
Barium, Dissolved	1000	**147.1**		**96.93**		**96.95**		**110.7**		0.5	U
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Dissolved	~	**345000**		**98700**		**99500**		**140000**		**42.4**	J
Chromium, Dissolved	50	**0.66**	J	**0.38**	J	**0.26**	J	**0.19**	J	**0.58**	J
Cobalt, Dissolved	~	**9.56**		**0.49**	J	**0.45**	J	**0.49**	J	0.5	U
Copper, Dissolved	200	1	U	1	U	1	U	1	U	**0.53**	J
Iron, Dissolved	300	**211**		**1720**		**1650**		**7230**		**32.4**	J
Lead, Dissolved	25	**0.46**	J	1	U	1	U	1	U	**0.42**	J
Magnesium, Dissolved	35000	**32800**		**19600**		**19700**		**22000**	J-	70	UJ
Manganese, Dissolved	300	**1257**		**1524**		**1504**		**648.7**		1	U
Mercury, Dissolved	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	**8.91**		1.03	J	0.99	J	2	U	2	U
Potassium, Dissolved	~	**35600**		**17800**		**18000**		**11100**	J-	**100**	UJ
Selenium, Dissolved	10	3.38	J	1.96	J	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**365000**		**426000**		**408000**		**75600**		**187**	J
Thallium, Dissolved	0.5	1	U	1	U	1	U	1	U	1	U
Vanadium, Dissolved	~	5	U	5	U	5	U	5	U	5	U
Zinc, Dissolved	2000	**7.32**	J	**5.3**	J	10	U	10	U	10	U

Table 17
PFAS in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-1		25MW-2		25MW-3		25MW-5		25MW-6	
Sampling Date		7/14/25		7/14/25		7/15/25		7/14/2025		7/15/2025	
Laboratory ID		L2543949-01		L2543949-02		L2544316-03		L2543949-03		L2544316-01	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,4 Dioxane by 8270E-SIM	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
1,4-Dioxane	0.35	0.144	U	**0.381**		0.144	U	0.139	U	0.144	U
Perfluorinated Alkyl Acids by EPA 1633	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	0.00481	J	0.00494	J	0.005	U	0.00282	J	0.005	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	-	-	-	-	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	-	-	-	-	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	-	-	-	-	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	-	-	-	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	-	-	-	-	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	-	-	-	-	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	-	-	-	-	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	-	-	-	-	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	~	0.00218	J	0.00742		0.0023	J	**0.00505**		0.00318	J
Perfluorobutanoic Acid (PFBA)	~	**0.00845**		**0.0123**		**0.00563**		**0.0392**		**0.00979**	
Perfluorodecanesulfonic Acid (PFDS)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluorodecanoic Acid (PFDA)	~	0.005	U	0.005	U	0.005	U	0.00092	J	0.005	U
Perfluorododecanesulfonic Acid (PFDoS)	~	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluoroheptanoic Acid (PFHpA)	~	**0.00829**		**0.0168**		**0.00665**		**0.00896**		**0.00817**	
Perfluorohexanesulfonic Acid (PFHxS)	~	0.005	U	**0.00759**	J	0.005	U	0.00167	JF	0.00241	J
Perfluorohexanoic Acid (PFHxA)	~	**0.0107**		**0.0185**		**0.0101**		**0.096**		**0.0146**	
Perfluorononanesulfonic Acid (PFNS)	~	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	~	0.005	U	0.005	U	0.005	U	0.0021	J	0.005	U
Perfluorooctanesulfonamide (PFOSA)	~	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.005	U	0.005	U	0.005	U	**0.0292**		0.0013	JF
Perfluorooctanoic Acid (PFOA)	0.0067	**0.032**		**0.107**		**0.0364**		**0.0236**		**0.0484**	
Perfluoropentanesulfonic Acid (PFPeS)	~	**0.0124**		**0.0226**		**0.0104**		**0.155**		**0.0198**	
Perfluoropentanoic Acid (PFPeA)	~	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	~	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluoroundecanoic Acid (PFUnA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluorinated Alkyl Acids by Isotope Dilution	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
Perfluorooctanesulfonamide (FOSA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U
Perfluorotetradecanoic Acid (PFTA)	~	0.005	U	0.005	U	0.005	U	0.00333	U	0.005	U

Table 17
PFAS in Groundwater Samples (2025 RI)
601-607 Union Street, Brooklyn, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values	25MW-7		25MW-8		B8DW		B10D		25FB-1	
Sampling Date		7/15/2025		7/16/2025		7/16/2025		7/16/2025		7/14/2025	
Laboratory ID		L2544316-02		L2544658-02		L2544658-03		L2544658-04		L2543949-04	
Sample Matrix		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
Compound		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,4 Dioxane by 8270E-SIM	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
1,4-Dioxane	0.35	0.15	U	**0.37**		0.139	U	0.134	U	0.139	U
Perfluorinated Alkyl Acids by EPA 1633	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	~	-	-	0.00576	U	0.00591	U	0.00583	U	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~	0.00184	U	0.00576	U	0.00591	U	0.00583	U	0.00173	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	~	-	-	0.00576	U	0.00591	U	0.00583	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~	**0.0019**	J+	0.00576	U	0.00591	U	0.00583	U	0.00173	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	~	-	-	0.036	U	0.0369	U	0.0364	U	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	~	-	-	0.036	U	0.0369	U	0.0364	U	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	~	-	-	0.0072	U	0.00739	U	0.00729	U	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	~	-	-	0.00576	U	0.00591	U	0.00583	U	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	~	-	-	0.00576	U	0.00591	U	0.00583	U	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	~	-	-	0.00211	J	0.00591	U	0.00583	U	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	~	-	-	0.00144	U	0.00148	U	0.00146	U	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	~	-	-	0.0144	U	0.0148	U	0.0146	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~	0.00184	U	0.00144	U	0.00148	U	0.00146	U	0.00173	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	~	-	-	0.00144	U	0.00148	U	0.00146	U	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	~	-	-	0.0144	U	0.0148	U	0.0146	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~	0.00184	U	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	~	-	-	0.00288	U	0.00296	U	0.00292	U	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	~	-	-	0.00288	U	0.00296	U	0.00292	U	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	~	-	-	0.00288	U	0.00296	U	0.00292	U	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	~	-	-	0.00288	U	0.00296	U	0.00292	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	~	**0.00219**		**0.00544**		**0.00201**		**0.00265**		0.00173	U
Perfluorobutanoic Acid (PFBA)	~	**0.064**		**0.0125**		**0.00638**		**0.00652**		0.00173	U
Perfluorodecanesulfonic Acid (PFDS)	~	0.00184	U	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Perfluorodecanoic Acid (PFDA)	~	0.000668	J	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Perfluorododecanesulfonic Acid (PFDoS)	~	-	-	0.00144	U	0.00148	U	0.00146	U	-	-
Perfluorododecanoic Acid (PFDoA)	~	0.00184	U	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Perfluoroheptanesulfonic Acid (PFHpS)	~	0.00184	U	0.000374	J	0.00148	U	0.00146	U	0.00173	U
Perfluoroheptanoic Acid (PFHpA)	~	**0.0034**		**0.00667**		**0.00532**		**0.0103**		0.00173	U
Perfluorohexanesulfonic Acid (PFHxS)	~	0.00158	J	**0.00212**		**0.00448**		**0.00482**		0.00173	U
Perfluorohexanoic Acid (PFHxA)	~	**0.00668**		**0.015**		**0.00479**		**0.0109**		0.00173	U
Perfluorononanesulfonic Acid (PFNS)	~	-	-	0.00144	U	0.00148	U	0.00146	U	-	-
Perfluorononanoic Acid (PFNA)	~	0.00129	J	**0.00344**		0.00034	J	0.00024	J	0.00173	U
Perfluorooctanesulfonamide (PFOSA)	~	-	-	0.000086	JF	0.00148	U	0.00146	U	-	-
Perfluorooctanesulfonic Acid (PFOS)	0.0027	**0.00474**		**0.00967**		**0.0036**		**0.00254**		0.00173	U
Perfluorooctanoic Acid (PFOA)	0.0067	**0.0114**		**0.0361**		**0.0386**		**0.0573**		0.00173	U
Perfluoropentanesulfonic Acid (PFPeS)	~	**0.00333**		0.00144	U	0.00112	J	0.00109	J	0.00173	U
Perfluoropentanoic Acid (PFPeA)	~	-	-	**0.0211**		**0.00407**		**0.00886**		-	-
Perfluorotetradecanoic Acid (PFTeDA)	~	-	-	0.00144	U	0.00148	U	0.00146	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	~	0.00184	U	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Perfluoroundecanoic Acid (PFUnA)	~	0.000251	J	0.00144	U	0.00148	U	0.00146	U	0.00173	U
Perfluorinated Alkyl Acids by Isotope Dilution	ppb	**ppb**		**ppb**		**ppb**		**ppb**		**ppb**	
Perfluorooctanesulfonamide (FOSA)	~	0.00184	U	-	-	-	-	-	-	0.00173	U
Perfluorotetradecanoic Acid (PFTA)	~	0.00184	U	-	-	-	-	-	-	0.00173	U

Table 18A
VOCs in Soil Vapor and Outdoor Air (2025 RI)
601-607 Union Street, Brooklyn, NY

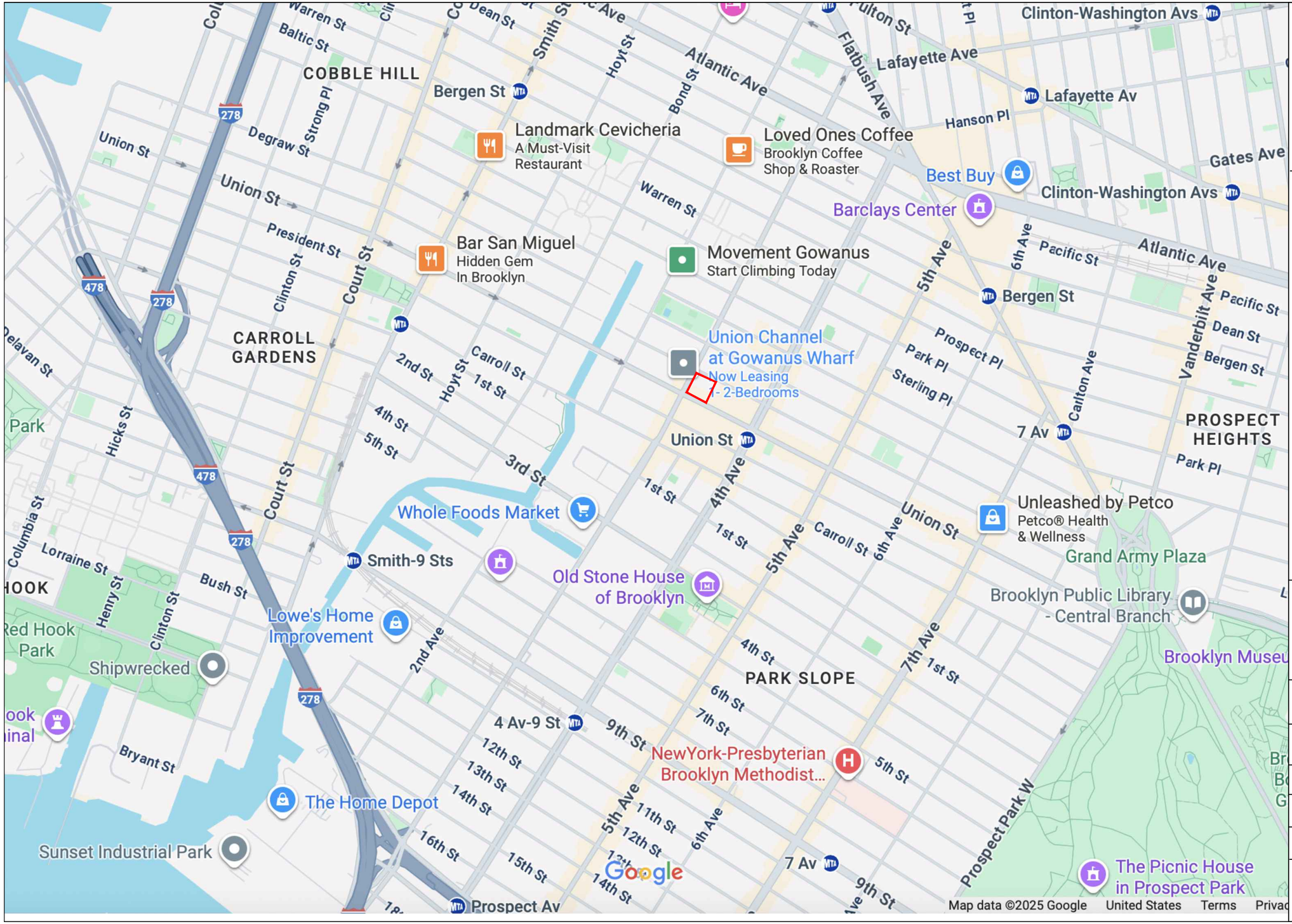
SAMPLE ID	25SV-1 (10')		25SV-2 (10')		25DUP-1		25SV-3 (10')		25SV-4 (10')		25SS-1		25AI-1	
SAMPLING DATE	7/8/2025		7/8/2025		7/8/2025		7/8/2025		7/8/2025		7/8/2025		7/8/2025	
LAB SAMPLE ID	L2542672-01		L2542672-02		L2542672-07		L2542672-03		L2542672-04		L2542672-05		L2542672-06	
SAMPLE TYPE	SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SUB-SLAB VAPOR		INDOOR AIR	
REPORTING UNIT	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
VOCs	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,1-Trichloroethane	23.7	U	**23.4**		**27.7**		1.09	U	**1.26**		**31.1**		0.109	U
1,1,2,2-Tetrachloroethane	29.9	U	2.75	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
1,1,2-Trichloroethane	23.7	U	2.18	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
1,1-Dichloroethane	17.6	U	1.62	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene	17.2	U	1.59	U	0.793	U	0.793	U	0.793	U	0.793	U	0.079	U
1,2,4-Trichlorobenzene	32.3	U	2.97	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
1,2,4-Trimethylbenzene	21.4	U	**14.8**		**14.5**		**3.3**		**2.89**		**12.4**		**1.79**	
1,2-Dibromoethane	33.4	U	3.07	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
1,2-Dichlorobenzene	26.2	U	2.4	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichloroethane	17.6	U	1.62	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,2-Dichloropropane	20.1	U	1.85	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
1,3,5-Trimethylbenzene	21.4	U	**4.44**		**4.31**		**1.76**		**1.3**		**3.15**		0.983	U
1,3-Butadiene	9.62	U	**5.49**	J	**7.88**	J	0.442	U	0.442	U	**0.6**		**0.546**	
1,3-Dichlorobenzene	26.2	U	2.4	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,4-Dichlorobenzene	26.2	U	2.4	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,4-Dioxane	15.7	U	1.44	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2,2,4-Trimethylpentane	**4500**		1.87	U	**5.51**		0.934	U	0.934	U	0.934	U	**4.1**	
2-Butanone	32.1	U	**15**	J	**24.2**	J	**44.8**		**34.8**		**31.6**		**5.78**	
2-Hexanone	17.8	U	**3.34**	J	**5.33**	J	**9.34**		**9.92**		**6.43**		0.82	U
3-Chloropropene	13.6	U	1.25	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
4-Ethyltoluene	21.4	U	**2.48**		**2.41**		2.64		0.983	U	**2.16**		0.983	U
4-Methyl-2-pentanone	**98.4**		4.1	U	**2.48**		2.05	U	2.05	U	**3.18**		2.05	U
Acetone	51.8	U	**107**	J	**184**	J	**568**		**632**		**161**		**30.2**	
Benzene	13.9	U	**20.3**	J	**7.67**	J	**56.2**		0.639	U	**2.44**		**4.54**	
Benzyl chloride	22.5	U	2.07	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane	29.1	U	2.68	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
Bromoform	45	U	4.14	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Bromomethane	16.9	U	1.55	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Carbon disulfide	**23.9**		**386**	J	**9.03**	J	**21**		**0.713**		**2.05**		0.623	U
Carbon tetrachloride	27.4	U	2.52	U	1.26	U	1.26	U	1.26	U	1.26	U	**0.447**	
Chlorobenzene	20	U	1.84	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Chloroethane	11.5	U	1.06	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U
Chloroform	21.2	U	1.95	U	**2.12**		0.977	U	**2.65**		**1.15**		0.977	U
Chloromethane	8.98	U	0.826	U	**0.832**		**0.458**		0.413	U	0.413	U	**1.43**	
cis-1,2-Dichloroethene	17.2	U	1.59	U	0.793	U	0.793	U	0.793	U	0.793	U	0.079	U
cis-1,3-Dichloropropene	19.7	U	1.82	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
Cyclohexane	**164**		**3.2**	J	**5.89**	J	**8.85**		0.688	U	**1.41**		**1.13**	
Dibromochloromethane	37.1	U	3.41	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Dichlorodifluoromethane	21.5	U	**2.22**		**2.11**		**1.05**		**2.39**		**2.17**		**2.32**	
Ethanol	205	U	18.8	U	**13.5**		**21.1**		**23.7**		**10.4**		**37.3**	
Ethyl Acetate	39.3	U	3.6	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Ethylbenzene	18.9	U	**6.17**		**5.95**		**21.6**		**1.91**		**4.43**		**1.68**	
Freon-113	33.3	U	3.07	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
Freon-114	30.4	U	2.8	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Heptane	**23.4**		**9.67**		**10.5**		**14.1**		**3.11**		**16.3**		**1.72**	
Hexachlorobutadiene	46.4	U	4.27	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U
Isopropanol	53.6	U	**5.48**	J	**25.8**	J	**7.2**		**7.4**		**17**		**5.8**	
Methyl tert butyl ether	15.7	U	1.44	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Methylene chloride	37.9	U	3.47	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
n-Hexane	**161**		**11.5**		**12.5**		**25.5**		**1.39**		**32.3**		**3.91**	
Naphthalene	21.7	U	**3.68**		**4.01**		0.996	U	0.996	U	**4.21**		**1.64**	
o-Xylene	**22.5**		**9.56**		**8.9**		**13.9**		**5.21**		**8.38**		**2.23**	
p/m-Xylene	**50.8**		**19.6**		**20.8**		**26.1**		**9.21**		**17.5**		**5.39**	
Styrene	18.5	U	1.7	U	**1.36**		0.852	U	0.852	U	**1.03**		0.852	U
Tertiary butyl Alcohol	**40.3**		**78.5**	J	**147**	J	**272**		**330**	J	**47.9**		1.52	U
Tetrachloroethene	29.5	U	**46.8**	J	**14.2**	J	1.36	U	**7.8**		**27.7**		**0.746**	
Tetrahydrofuran	32.1	U	2.95	U	1.47	U	1.47	U	1.47	U	**1.7**		1.47	U
Toluene	**24.3**		**23.4**		**20.2**		**37**		**1.68**		**10.9**		**19.7**	
trans-1,2-Dichloroethene	17.2	U	1.59	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
trans-1,3-Dichloropropene	19.7	U	1.82	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
Trichloroethene	23.4	U	2.15	U	1.07	U	1.07	U	1.07	U	1.07	U	**0.193**	
Trichlorofluoromethane	24.4	U	2.25	U	**1.48**		1.12	U	**1.88**		**1.48**		**1.2**	
Vinyl bromide	19	U	1.75	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Vinyl chloride	11.1	U	1.02	U	0.511	U	0.511	U	0.511	U	0.511	U	0.051	U
VOCs by SIM	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	0.109	U
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	0.079	U
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	0.447	
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	0.079	U
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	0.746	
Trichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	0.193	
Vinyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	0.051	U

Notes:
1. 25DUP-1 was collected from 25SV-2

Table 18B
VOCs in Soil Vapor Samples (2022 Phase II)
601-607 Union Street, Brooklyn, NY

SAMPLE ID	SV-1 (10')		SV-2 (10')		SSB-1		SSB-2		SSB-3		SSB-4		SSB-5		SSB-6	
SAMPLING DATE	9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022	
SAMPLE TYPE	SOIL VAPOR		SOIL VAPOR		SUB-SLAB VAPOR		SUB-SLAB VAPOR		SUB-SLAB VAPOR		SUB-SLAB VAPOR		SUB-SLAB VAPOR		SUB-SLAB VAPOR	
REPORTING UNIT	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
VOCs	Results	Qual	Results	Qual	Results	Qua	Results	Qual	Results	Qual	Results	Qua	Results	Qual	Results	Qual
1,1,1,2-Tetrachloroethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.10	U
1,1,1-Trichloroethane	1.00	U	0.94	U	0.91	U	1.10	U	0.96	U	0.91	U	1.30	U	4.10	U
1,1,2,2-Tetrachloroethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.10	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.50	U	1.30	U	1.30	U	1.50	U	1.40	U	1.30	U	1.80	U	5.70	U
1,1,2-Trichloroethane	1.00	U	0.94	U	0.91	U	1.10	U	0.96	U	0.91	U	1.30	U	4.10	U
1,1-Dichloroethane	0.77	U	0.70	U	**0.68**	**J**	0.82	U	0.71	U	0.67	U	**3.90**	**D**	3.00	U
1,1-Dichloroethylene	0.19	U	0.17	U	0.17	U	0.20	U	0.17	U	0.16	U	0.23	U	0.74	U
1,2,4-Trichlorobenzene	1.40	U	1.30	U	1.20	U	1.50	U	1.30	U	1.20	U	1.80	U	5.50	U
1,2,4-Trimethylbenzene	**1.40**	**D**	**2.50**	**D**	**24.0**	**D**	**5.80**	**D**	**33.0**	**D**	**9.60**	**D**	**12.0**	**D**	**11.0**	**D**
1,2-Dibromoethane	1.50	U	1.30	U	1.30	U	1.50	U	1.40	U	1.30	U	1.80	U	5.70	U
1,2-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,2-Dichloroethane	0.77	U	0.70	U	0.68	U	0.82	U	0.71	U	0.67	U	0.95	U	3.00	U
1,2-Dichloropropane	0.88	U	0.80	U	0.77	U	0.93	U	0.82	U	0.77	U	1.10	U	3.40	U
1,2-Dichlorotetrafluoroethane	1.30	U	1.20	U	1.20	U	1.40	U	1.20	U	1.20	U	1.60	U	5.20	U
1,3,5-Trimethylbenzene	0.94	U	**0.85**	**J**	**7.90**	**D**	**1.40**	**D**	**11.0**	**D**	**2.90**	**D**	**5.30**	**D**	**9.10**	**D**
1,3-Butadiene	**1.30**	**J**	**1.10**	**J**	**1.10**	**J**	**1.30**	**J**	**1.20**	**J**	**1.10**	**J**	1.60	U	**4.90**	**J**
1,3-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,3-Dichloropropane	0.88	U	0.80	U	0.77	U	0.93	U	0.82	U	0.77	U	1.10	U	3.40	U
1,4-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,4-Dioxane	1.40	U	1.20	U	**1.20**	**J**	1.50	U	**1.30**	**J**	1.20	U	**1.70**	**J**	5.40	U
2-Butanone	**23.0**	**D**	**7.00**	**D**	**3.90**	**D**	**0.89**	**D**	**7.80**	**D**	**1.50**	**D**	**19.0**	**D**	**150**	**D**
2-Hexanone	**5.70**	**D**	**2.60**	**D**	**4.50**	**D**	**1.70**	**J**	**5.70**	**D**	**1.40**	**J**	1.90	U	**12.0**	**D**
3-Chloropropene	3.00	U	2.70	U	2.60	U	3.20	U	2.80	U	2.60	U	3.70	U	12.00	U
4-Methyl-2-pentanone	0.78	U	**1.10**	**D**	**1.40**	**D**	0.83	U	**5.70**	**D**	**0.68**	**J**	**2.20**	**D**	**11.0**	**D**
Acetone	**99.0**	**D**	**53.0**	**D**	**51.0**	**D**	**6.20**	**D**	**77.0**	**D**	**14.0**	**D**	**110**	**D**	**1,700**	**D**
Acrylonitrile	**0.54**	**D**	**0.83**	**D**	0.36	U	0.44	U	**0.38**	**J**	0.36	U	**2.90**	**D**	1.60	U
Benzene	**1.70**	**D**	**3.00**	**D**	**2.20**	**D**	**1.70**	**D**	**9.10**	**D**	**1.40**	**D**	**2.80**	**D**	**12.0**	**D**
Benzyl chloride	0.99	U	0.90	U	0.87	U	1.00	U	0.91	U	0.86	U	1.20	U	3.80	U
Bromodichloromethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.00	U
Bromoform	2.00	U	1.80	U	1.70	U	2.10	U	1.80	U	1.70	U	2.40	U	7.70	U
Bromomethane	0.74	U	0.67	U	0.65	U	0.78	U	**0.68**	**D**	0.64	U	0.92	U	2.90	U
Carbon disulfide	**23.0**	**D**	**0.75**	**D**	**0.68**	**D**	0.63	U	**3.80**	**D**	**1.60**	**D**	**28.0**	**D**	**11.0**	**D**
Carbon tetrachloride	0.30	U	0.27	U	0.26	U	0.32	U	0.28	U	**0.31**	**D**	0.37	U	1.20	U
Chlorobenzene	0.88	U	0.80	U	0.77	U	0.93	U	0.81	U	0.76	U	1.10	U	3.40	U
Chloroethane	0.50	U	0.46	U	**0.44**	**J**	0.53	U	0.47	U	0.44	U	0.62	U	2.00	U
Chloroform	0.93	U	0.85	U	**1.80**	**D**	**4.20**	**D**	0.86	U	0.81	U	1.20	U	3.60	U
Chloromethane	**0.87**	**D**	0.36	U	**1.40**	**D**	**0.46**	**D**	**1.30**	**D**	**1.40**	**D**	**0.88**	**D**	**2.30**	**D**
cis-1,2-Dichloroethylene	0.19	U	0.17	U	**7.20**	**D**	**0.40**	**D**	0.17	U	0.16	U	0.23	U	0.74	U
cis-1,3-Dichloropropylene	0.87	U	0.79	U	0.76	U	0.92	U	0.80	U	0.75	U	1.10	U	3.40	U
Cyclohexane	**8.50**	**D**	**2.10**	**D**	**5.40**	**D**	**1.70**	**D**	**28.0**	**D**	**0.91**	**D**	**49.0**	**D**	**8.70**	**D**
Dibromochloromethane	1.60	U	1.50	U	1.40	U	1.70	U	1.50	U	1.40	U	2.00	U	6.30	U
Dichlorodifluoromethane	**1.30**	**D**	0.86	U	**2.10**	**D**	**2.10**	**D**	**1.90**	**D**	**2.00**	**D**	**1.90**	**D**	3.70	U
Ethyl acetate	**1.40**	**J**	**1.60**	**D**	**1.20**	**J**	**1.50**	**J**	**2.40**	**D**	1.20	U	**3.80**	**D**	5.40	U
Ethyl Benzene	**2.10**	**D**	**1.10**	**D**	**8.60**	**D**	**1.80**	**D**	**20.0**	**D**	**3.50**	**D**	**7.30**	**D**	**13.0**	**D**
Hexachlorobutadiene	2.00	U	1.80	U	1.80	U	2.20	U	1.90	U	1.80	U	2.50	U	7.90	U
Isopropanol	**3.70**	**D**	**3.10**	**D**	**18.0**	**D**	**1.80**	**D**	**10.0**	**D**	**1.80**	**D**	**5.10**	**D**	**17.0**	**D**
Methyl Methacrylate	0.78	U	0.71	U	**0.82**	**D**	**0.83**	**J**	**4.30**	**D**	0.68	U	0.97	U	**3.00**	**J**
Methyl tert-butyl ether (MTBE)	0.69	U	0.62	U	0.60	U	0.73	U	**0.76**	**D**	0.60	U	**40.0**	**D**	2.70	U
Methylene chloride	**1.30**	**J**	**1.30**	**D**	**1.80**	**D**	**1.40**	**D**	**1.30**	**D**	**1.20**	**J**	**1.60**	**J**	**5.20**	**J**
n-Heptane	**6.60**	**D**	**28.0**	**D**	**8.60**	**D**	**1.20**	**D**	**38.0**	**D**	**1.90**	**D**	**35.0**	**D**	**13.0**	**D**
n-Hexane	**19.0**	**D**	**35.0**	**D**	**6.00**	**D**	**1.10**	**D**	**27.0**	**D**	**1.20**	**D**	**74.0**	**D**	**7.30**	**D**
o-Xylene	**1.90**	**D**	**1.60**	**D**	**14.0**	**D**	**2.50**	**D**	**26.0**	**D**	**5.50**	**D**	**9.40**	**D**	**21.0**	**D**
p- & m- Xylenes	**4.20**	**D**	**3.50**	**D**	**30.0**	**D**	**7.30**	**D**	**60.0**	**D**	**16.0**	**D**	**22.0**	**D**	**38.0**	**D**
p-Ethyltoluene	**0.94**	**J**	**1.40**	**D**	**26.0**	**D**	**5.10**	**D**	**40.0**	**D**	**9.60**	**D**	**13.0**	**D**	**18.0**	**D**
Propylene	**67.0**	**D**	**57.0**	**D**	**9.40**	**D**	**2.40**	**D**	**53.0**	**D**	**4.10**	**D**	**93.0**	**D**	**11.0**	**D**
Styrene	0.81	U	**0.74**	**D**	0.71	U	**0.86**	**J**	0.75	U	**0.71**	**J**	**1.20**	**D**	**3.80**	**D**
Tetrachloroethylene	**1.30**	**D**	**4.80**	**D**	**92.0**	**D**	**550**	**D**	**150.0**	**D**	**17.0**	**D**	**5.30**	**D**	**5.00**	**J**
Tetrahydrofuran	1.10	U	1.00	U	**2.10**	**D**	1.20	U	**9.20**	**D**	**0.98**	**J**	**13.0**	**D**	**4.40**	**J**
Toluene	**3.10**	**D**	**5.90**	**D**	**13.0**	**D**	**4.60**	**D**	**37.0**	**D**	**5.30**	**D**	**7.50**	**D**	**48.0**	**D**
trans-1,2-Dichloroethylene	0.76	U	0.69	U	**2.20**	**D**	0.80	U	0.70	U	0.66	U	0.94	U	2.90	U
trans-1,3-Dichloropropylene	0.87	U	0.79	U	0.76	U	0.92	U	0.80	U	0.75	U	1.10	U	3.40	U
Trichloroethylene	**0.51**	**D**	**0.47**	**D**	**21.0**	**D**	**240**	**D**	**2.60**	**D**	**0.71**	**D**	**2.50**	**D**	**2.00**	**D**
Trichlorofluoromethane (Freon 11)	1.10	U	0.97	U	**1.20**	**D**	**1.20**	**D**	**1.10**	**D**	**1.20**	**D**	1.30	U	4.20	U
Vinyl acetate	0.67	U	0.61	U	0.59	U	0.71	U	0.62	U	0.58	U	0.83	U	2.60	U
Vinyl bromide	0.84	U	0.76	U	0.73	U	0.88	U	0.77	U	0.73	U	1.00	U	3.20	U
Vinyl Chloride	0.24	U	0.22	U	**0.60**	**D**	0.26	U	0.23	U	**0.21**	**D**	0.30	U	0.95	U

FIGURES



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Legend:

SITE BOUNDARY

Notes:

1. BASE MAP PROVIDED BY GOOGLE MAPS

Scale:

0 500' 1000'

Figure No.	1
Figure Name:	SITE LOCATION MAP
Report:	RIR
Date:	8/14/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NY (C224392)

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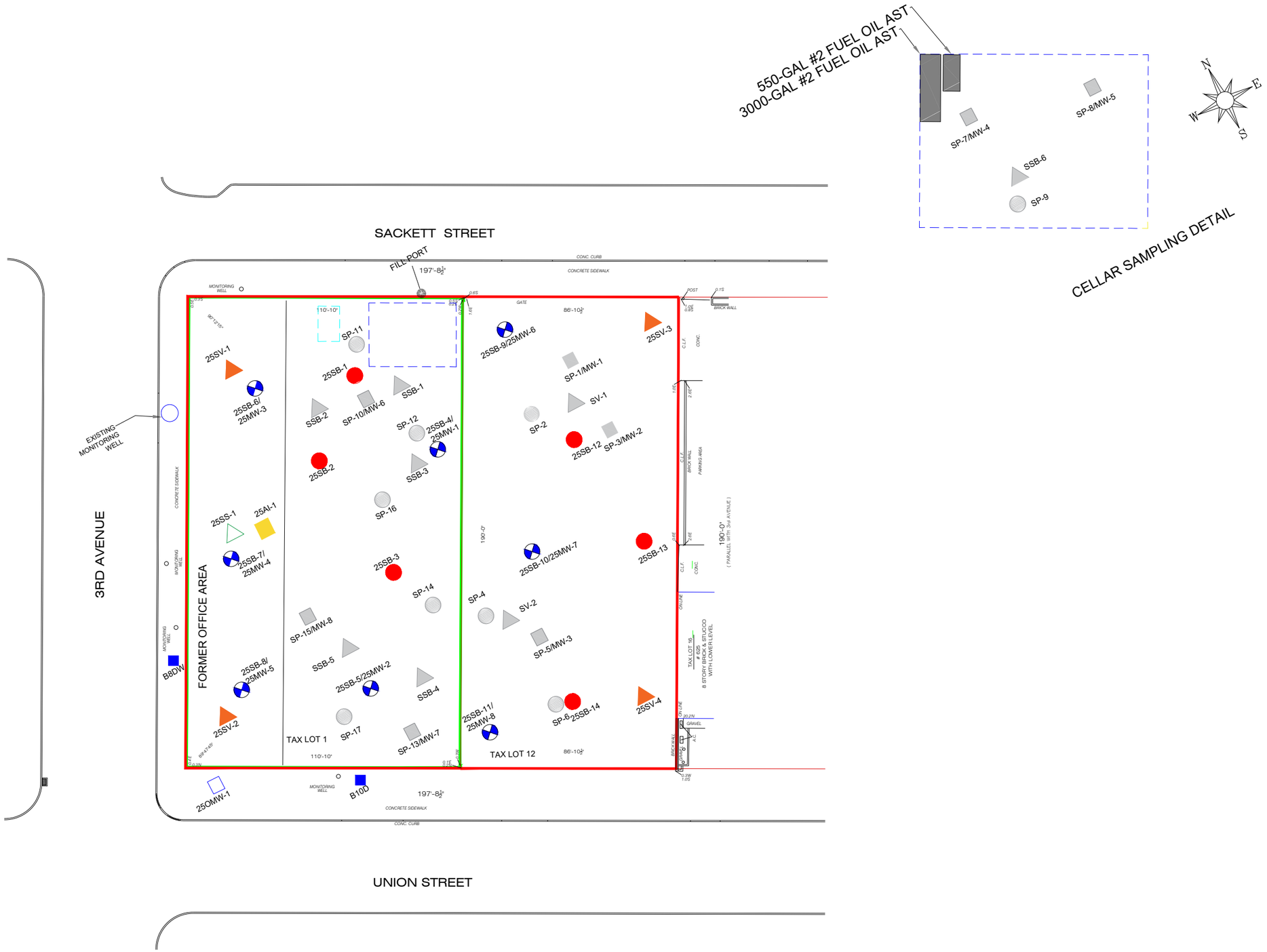
Legend:

- ONE AND TWO FAMILY BUILDINGS
- MULTI-FAMILY WALK-UP BUILDINGS
- MULTI-FAMILY ELEVATOR BUILDINGS
- MIXED RESIDENTIAL AND COMMERCIAL BUILDINGS
- COMMERCIAL AND OFFICE BUILDINGS
- INDUSTRIAL AND MANUFACTURING
- TRANSPORTATION AND UTILITY
- PUBLIC FACILITIES AND INSTITUTIONS
- OPEN SPACE AND OUTDOOR RECREATION
- PARKING FACILITIES
- VACANT LAND
- OTHER
- MANDATORY INCLUSIONARY HOUSING AREAS
- SITE BOUNDARY

BASE MAP PROVIDED BY NYC PLANNING

Scale: 0 50' 100'

Figure No.	2
Figure Name:	SITE BOUNDARY AND SURROUNDING USE
Report:	RIR
Date:	8/14/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET BROOKLYN, NY (C224392)



CELLAR SAMPLING DETAIL

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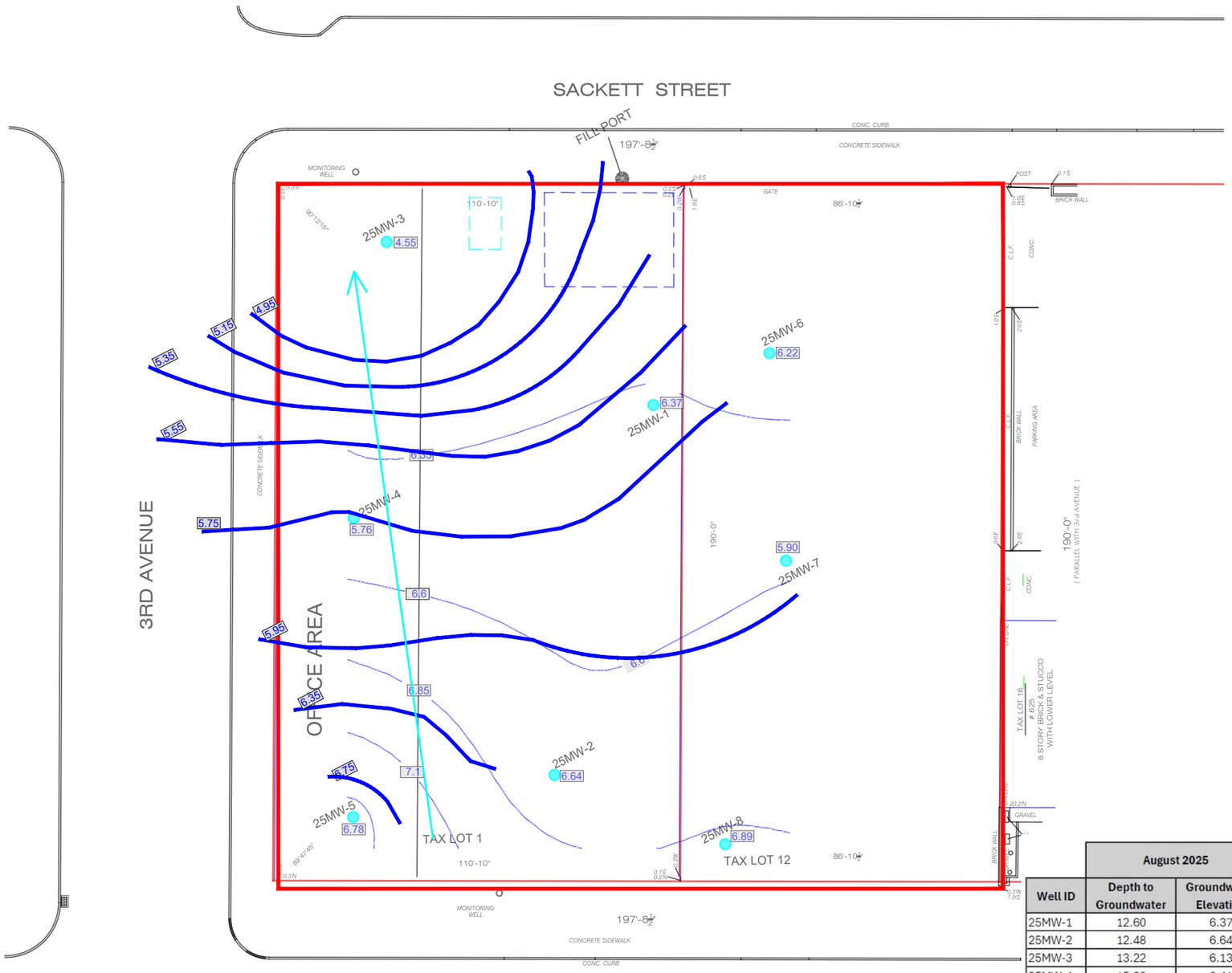
Legend:

- BCP Site Boundary
- Current Tax Lot Line
- 25SB-X/25MW-X — Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X — Soil Vapor Point Location and Designated ID (2025)
- 25SB-X — Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale: 0 — 50' — 100'

Figure No.	3
Figure Name:	SITE & SAMPLING PLAN
Report:	RIR
Date:	2/25/2026
Drawn By:	KB
Site Address:	601-607 UNION STREET BROOKLYN, NEW YORK (C224392)



Well ID	August 2025		February 2026	
	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation
25MW-1	12.60	6.37	11.83	7.1
25MW-2	12.48	6.64	-	-
25MW-3	13.22	6.13	14.70	4.55
25MW-4	15.28	6.41	14.06	5.76
25MW-5	12.72	7.42	13.12	6.78
25MW-6	13.15	6.22	-	-
25MW-7	12.52	6.58	13.35	5.95
25MW-8	12.63	6.89	-	-

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Legend:

- Property Boundary
- Monitoring Well
- 15.08 Groundwater Elevation (feet)
- Groundwater Elevation Contour Line 2026 Contour Interval = 0.5 feet
- Groundwater Elevation Contour Line 2025 Contour Interval = 0.5 feet
- Flow Direction

Notes:

1. Groundwater elevation data from 25MW-1 (February 2026) is not used in the generation of the contour map.

Scale: 0 50' 100'

Figure No.	4
Figure Name:	GROUNDWATER CONTOUR PLAN
Report:	RIR
Date:	2/26/2026
Drawn By:	KB
Site Address:	601-607 UNION STREET BROOKLYN, NY (C224392)

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Legend:

- Property Boundary
- Current Tax Lot Line
- 25SB-X/25MW-X — Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X — Soil Vapor Point Location and Designated ID (2025)
- 25SB-X — Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Notes:

1. All results are reported in parts per million (ppm)
2. SCO: Soil Cleanup Objectives
3. UUSCO: Unrestricted Use SCOs
4. RRSCO: Restricted Residential Use SCOs
5. PGWSCO: Protection of Groundwater SCOs

Scale: 0 — 50' — 100'

Figure No.	5
Figure Name:	SOIL EXCEEDANCES
Report:	RIR
Date:	2/26/2026
Drawn By:	KB
Site Address:	601-607 UNION STREET BROOKLYN, NY (C224392)

Sample ID and Depth	25SB-6 (0-2)		25SB-6 (7-9)		25SB-6 (11-12)	
Sampling Date	7/2/2025		7/2/2025		7/2/2025	
VOCs	Results	Q	Results	Q	Results	Q
2-Butanone	0.049		0.012		0.28	J
Acetone	0.14		0.059		0.27	J
SVOCs	Results	Q	Results	Q	Results	Q
Benzo(a)anthracene	1.7		3		6.3	
Benzo(a)pyrene	1.5		2.6		5.5	
Benzo(b)fluoranthene	1.4		3.1		7	
Benzo(k)fluoranthene	0.4		0.97		2	
Chrysene	1.7		3		6.1	
Dibenzo(a,h)anthracene	0.28		0.39	J	0.93	
Indeno(1,2,3-cd)pyrene	1		1.4		3.2	
Herbicides	ND		ND		ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Total Metals	Results	Q	Results	Q	Results	Q
Arsenic	7.6		5.46		18.4	
Copper	64.8		16		181	
Lead	1360		244		1350	
Mercury	1.68		0.853		6.34	
Zinc	91.5		87.9		278	
PFAS	NE		ND		ND	

Sample ID and Depth	SP-12 (10-12)	
Sample Date	9/8/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)anthracene	4.31	
Benzo(a)pyrene	4.41	
Benzo(b)fluoranthene	2.62	
Benzo(k)fluoranthene	2.55	
Chrysene	4.12	
Dibenzo(a,h)anthracene	0.52	
Indeno(1,2,3-cd)pyrene	1.49	
PCBs	ND	
Total Metals	Results	Q
Arsenic	20.7	J
Barium	677	
Copper	57.7	J+
Lead	740	
Zinc	236	J+
Mercury	10.8	
Pesticides	ND	
PFAS	NE	

Sample ID and Depth	25SB-3 (0-2)		25SB-3 (12-13)	
Sampling Date	7/2/2025		7/2/2025	
VOCs	Results	Q	Results	Q
Acetone	0.064		0.13	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	0.92		2.2	
Benzo(a)pyrene	0.87		1.9	
Benzo(b)fluoranthene	1.1		2.4	
Benzo(k)fluoranthene	0.39		0.88	
Chrysene	0.94		2.2	
Indeno(1,2,3-cd)pyrene	0.4		0.9	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Lead	228		140	
Mercury	1.37		0.69	
Zinc	112		53.7	
PFAS	ND		ND	

Sample ID and Depth	25SB-2 (0-2)		25SB-2 (12-13)	
Sampling Date	7/2/2025		7/2/2025	
Compound	Results	Q	Results	Q
VOCs	NE		NE	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	9.8		0.15	
Benzo(a)pyrene	12		0.14	J
Benzo(b)fluoranthene	14		0.18	
Benzo(k)fluoranthene	4.1		0.067	J
Chrysene	9.5		0.14	
Dibenzo(a,h)anthracene	1.4		0.027	J
Indeno(1,2,3-cd)pyrene	9.2		0.19	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Lead	513		122	
Mercury	0.905		0.126	
Zinc	163		68	
PFAS	ND		ND	

Sample ID and Depth	25SB-7 (0-2)		25SB-7 (12-13)	
Sampling Date	7/8/2025		7/8/2025	
VOCs	Results	Q	Results	Q
Acetone	0.011	U	0.092	
SVOCs	Results	Q	Results	Q
2-Methylphenol	0.18	U	0.48	J
Benzo(a)anthracene	1.2		20	
Benzo(a)pyrene	1		17	
Benzo(b)fluoranthene	1.3		22	
Benzo(k)fluoranthene	0.33		5.1	
Chrysene	1.1		20	
Dibenzo(a,h)anthracene	0.14		2.4	
Indeno(1,2,3-cd)pyrene	0.6		9.2	
Phenol	0.18	U	0.53	J
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	5.38		27.8	
Barium	107		418	
Copper	33.6		60.1	
Lead	5100		941	
Mercury	0.634		2.21	
Selenium	0.841	J	17.3	
Zinc	48.8		288	
PFAS	ND		ND	

Sample ID and	SP-16 (8-10)	
Sample Date	9/8/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)anthracene	30.3	
Benzo(a)pyrene	25.2	
Benzo(b)fluoranthen	17	
Benzo(k)fluoranthen	20.4	
Chrysene	26.8	
Dibenzo(a,h)anthrac	3.77	
Indeno(1,2,3-	12.8	
PCBs	ND	
Total Metals	Results	Q
Lead	296	
Mercury	12	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	SP-10 (8-10)	
Sample Date	9/7/2022	
VOCs	Results	Q
1,2,4-	3.7	J+
n-Propylbenzene	5.4	
SVOCs	NE	
PCBs	NE	
Total Metals	Results	Q
Lead	1870	J+
Zinc	977	J+
Mercury	6.22	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	SP-11 (10-12)	
Sample Date	9/8/2022	
VOCs	Results	Q
1,4-Dichlorobenzene	3.4	
n-Butylbenzene	25	
n-Propylbenzene	29	
sec-Butylbenzene	22	
Xylenes, Total	1.1	J
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Copper	111	J+
Lead	446	J+
Zinc	101	J+
Mercury	0.99	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	SP-2 (8-10)	
Sample Date	9/7/2022	
VOCs	Results	Q
Methylene chloride	0.11	
SVOCs	Results	Q
Benzo(a)anthracene	2.98	
Benzo(a)pyrene	2.69	
Benzo(b)fluoranthene	2.49	
Benzo(k)fluoranthene	2.21	
Chrysene	3.16	
Dibenzo(a,h)anthracen	0.49	
Indeno(1,2,3-	1.41	
PCBs	ND	
Total Metals	Results	Q
Nickel	48.5	J-
Mercury	0.66	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	25SB-9 (0-2)		25SB-9 (11-12)	
Sampling Date	7/1/2025		7/1/2025	
VOCs	Results	Q	Results	Q
SVOCs	NE		NE	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	15.5		2.72	
Copper	102		34	
Lead	498		97.2	
Mercury	0.576		0.919	
Nickel	16.8		35.2	
Selenium	5.97		1.89	U
Zinc	151		80.6	
PFAS	ND		ND	

Sample ID and Depth	SP-1 (8-10)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)anthracene	3.79	
Benzo(a)pyrene	2.85	
Benzo(b)fluoranthene	2.25	
Benzo(k)fluoranthene	2.34	
Chrysene	3.72	
Dibenzo(a,h)anthracene	0.45	
Indeno(1,2,3-cd)pyrene	1.13	
PCBs	ND	
Total Metals	Results	Q
Lead	196	
Mercury	3.29	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	25SB-12 (0-2)		25SB-12 (11-12)	
Sampling Date	7/1/2025		7/1/2025	
Compound	Results	Q	Results	Q
VOCs	ND		NE	
SVOCs	Results	Q	Results	Q
Acenaphthene	0.25		34	
Benzo(a)anthracene	1.3		0.36	
Benzo(a)pyrene	1.1		0.3	
Benzo(b)fluoranthene	1.3		0.39	
Chrysene	1.2		0.37	
Indeno(1,2,3-cd)pyrene	0.59		0.16	
Naphthalene	0.26		44	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	14.1		5.3	
Copper	81.3		49.4	
Lead	636		336	
Mercury	1.27		0.604	
Zinc	226		113	
PFAS	ND		ND	

Sample ID and	SP-3 (10-12)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Arsenic	21.9	J+
Lead	1560	J+
Zinc	496	J+
Mercury	0.51	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	SP-7 (0-2)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Arsenic	106	J+
Barium	1090	J+
Copper	102	J+
Lead	1690	J+
Zinc	470	J+
Mercury	1.58	
Chromium, Trivalent	49.6	
Pesticides	ND	
PFAS	ND	

Sample ID and	SP-8 (1-3)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Lead	78.6	J+
Nickel	70.7	J-
Zinc	118	J+
Pesticides	ND	
PFAS	NE	

Sample ID and Depth	SP-9 (1-3)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)pyrene	1.53	
Benzo(b)fluoranthene	1.32	
Benzo(k)fluoranthene	1.33	
Dibenzo(a,h)anthracene	0.34	
Indeno(1,2,3-cd)pyrene	1.01	
PCBs	ND	
Total Metals	Results	Q
Arsenic	43.2	J+
Barium	550	J+
Copper	181	J+
Lead	688	J+
Nickel	451	J-
Zinc	425	J+
Mercury	47.1	
Chromium, Trivalent	109	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	25SB-4 (0-2)		25SB-4 (7-9)		25SB-4 (12-13)	
Sampling Date	7/2/2025		7/2/2025		7/2/2025	
Compound	Results	Q	Results	Q	Results	Q
VOCs	ND		ND		NE	
SVOCs	Results	Q	Results	Q	Results	Q
3-/4-Methylphenol	1.9	U	0.28	U	0.62	
Benzo(a)anthracene	17		1.1		2	
Benzo(a)pyrene	16		0.93		1.6	
Benzo(b)fluoranthene	18		1.1		1.9	
Benzo(k)fluoranthene	5.6		0.42		0.65	
Chrysene	16		1.1		2.1	
Dibenzo(a,h)anthracene	2		0.097	J	0.18	
Indeno(1,2,3-cd)pyrene	7.9		0.44		0.65	
Herbicides	ND		ND		ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Total Metals	Results	Q	Results	Q	Results	Q
Barium	92.3		148		647	
Copper	37.3		58.9		89.4	
Lead	563		2570		10000	
Mercury	2.56		3.29		6.82	
Zinc	95.4		151		266	
PFAS	ND		ND		ND	

Sample ID and Depth	SP-5 (6-8)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Nickel	46.5	J-
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	25SB-10 (0-2)		25SB-10 (11-12)	
Sampling Date	7/1/2025		7/1/2025	
VOCs	Results	Q	Results	Q
Acetone	0.011	U	0.067	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	2.2		4.6	
Benzo(a)pyrene	2.1		6.6	
Benzo(b)fluoranthene	2.6		5.7	
Benzo(k)fluoranthene	0.68		1.2	
Chrysene	2.2		4.4	
Dibenzo(a,h)anthracene	0.32		0.49	
Indeno(1,2,3-cd)pyrene	1.3		3.3	
Naphthalene	0.22		31	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	11.6		13.9	
Copper	93.8		93.9	
Lead	765		3700	
Mercury	0.915		7.47	
Nickel	40.3		18	
Zinc	898		242	
PFAS	NE		ND	

Sample ID and Depth	25SB-13 (0-2)		25SB-13 (11-12)	
Sampling Date	7/1/2025		7/1/2025	
Compound	Results	Q	Results	Q
VOCs	ND		ND	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	4.4		2	
Benzo(a)pyrene	3.7		1.7	
Benzo(b)fluoranthene	5.1		2.2	
Benzo(k)fluoranthene	1.1		0.57	
Chrysene	4		2	
Dibenzo(a,h)anthracene	0.62		0.26	
Indeno(1,2,3-cd)pyrene	2.3		1	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	35.2		5.42	
Copper	57.4		92.2	
Lead	1710		237	
Mercury	0.562		0.858	
Zinc	114		50.4	
PFAS	NE		ND	

Sample ID and	SP-15 (6-8)	
Sample Date	9/8/2022	
VOCs	Results	Q
Acetone	0.057	
SVOCs	Results	Q
Acenaphthene	23.8	
Benzo(a)anthracene	40.5	J-
Benzo(a)pyrene	54.8	J-
Benzo(b)fluoranthen	21.7	
Benzo(k)fluoranthen	28.2	
Chrysene	43	J-
Dibenzo(a,h)anthrac	4.41	
Fluoranthene	107	
Indeno(1,2,3-	24.9	
Pyrene	183	
PCBs	ND	
Total Metals	Results	Q
Silver	3.66	
Mercury	0.58	
Pesticides	ND	
PFAS	ND	

Sample ID and	SP-14 (6-8)	
Sample Date	9/8/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)anthracene	1.65	
Benzo(a)pyrene	1.56	
Benzo(b)fluoranthen	1.15	
Benzo(k)fluoranthen	1.23	
Chrysene	1.52	
Indeno(1,2,3-	0.68	
PCBs	ND	
Total Metals	Results	Q
Lead	763	J+
Mercury	2.04	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	SP-4 (4-6)	
Sample Date	9/7/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	Results	Q
Benzo(a)anthracene	1.4	J+
Benzo(a)pyrene	1.26	J+
Benzo(b)fluoranthene	1.01	J+
Benzo(k)fluoranthene	0.95	J+
Chrysene	1.38	J+
Indeno(1,2,3-cd)pyrene	0.58	J+
PCBs	ND	
Total Metals	Results	Q
Arsenic	14.3	J+
Copper	139	J+
Lead	743	J+
Nickel	76.3	J-
Silver	7.08	
Zinc	249	J+
Mercury	3.1	
Chromium, Trivalent	30.7	
Pesticides	ND	
PFAS	Results	Q
Perfluorooctanoic acid	1.62	

Sample ID and Depth	25SB-8 (1-3)		25SB-8 (11-12)	
Sampling Date	7/8/2025		7/8/2025	
Compound	Results	Q	Results	Q
VOCs	ND		NE	
SVOCs	Results	Q	Results	Q
3-/4-Methylphenol	0.22	J	0.69	
Benzo(a)anthracene	12		0.48	
Benzo(a)pyrene	9		0.42	
Benzo(b)fluoranthene	11		0.52	
Benzo(k)fluoranthene	4.3		0.16	
Chrysene	10		0.43	
Dibenzo(a,h)anthracene	1.4		0.065	J
Indeno(1,2,3-cd)pyrene	5.1		0.24	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Arsenic	5.22		30	
Copper	31.5		75.8	
Lead	254		2940	
Mercury	1.49		2.42	
Zinc	109		192	
PFAS	ND		ND	

Sample ID and	SP-17 (4-6)	
Sample Date	9/8/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Lead	103	
Mercury	3.28	
Pesticides	ND	
PFAS	ND	

Sample ID and Depth	25SB-5 (0-2)		25SB-5 (11-12)	
Sampling Date	7/2/2025		7/2/2025	
Compound	Results	Q	Results	Q
VOCs	NE		NE	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	1		0.69	
Benzo(a)pyrene	1		0.61	
Benzo(b)fluoranthene	1.2		0.8	
Chrysene	1.1		0.72	
Indeno(1,2,3-cd)pyrene	0.62		0.36	
Herbicides	ND		ND	
Pesticides	Results	Q	Results	Q
4,4'-DDD	0.00384		0.0018	U
Mercury	0.354		3.68	
Zinc	59.9		145	
PFAS	ND		ND	

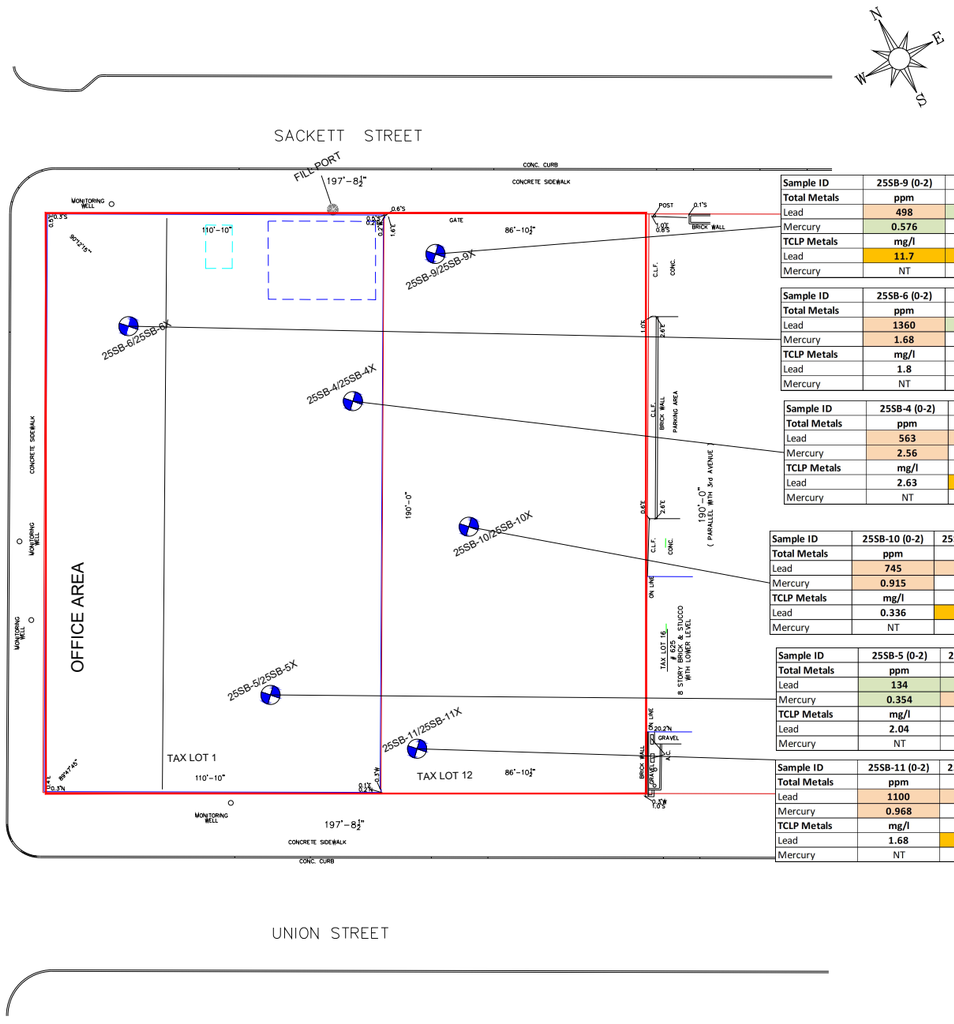
Sample ID and	SP-6 (2-4)	
Sample Date	9/7/2022	
VOCs	Results	Q
Methylene chloride	0.084	
SVOCs	Results	Q
Benzo(a)pyrene	1.43	
Benzo(k)fluoranthen	0.84	
Indeno(1,2,3-	0.62	
PCBs	ND	
Total Metals	Results	Q
Arsenic	13.3	J+
Barium	4910	J+
Lead	2400	J+
Zinc	2980	J+
Mercury	0.4	
Pesticides	ND	
PFAS	NE	

Sample ID and Depth	25SB-14 (0-2)		25SB-14 (7-9)		25SB-14 (11-12)	
Sampling Date	7/1/2025		7/1/2025		7/1/2025	
Compound	Results	Q	Results	Q	Results	Q
VOCs	ND		ND		ND	
SVOCs	Results	Q	Results	Q	Results	Q
Benzo(a)anthracene	1.4		0.055	J	0.46	
Benzo(a)pyrene	1.3		0.08	J	0.38	
Benzo(b)fluoranthene	1.5		0.081	J	0.49	
Chrysene	1.4		0.052	J	0.44	
Indeno(1,2,3-cd)pyrene	0.77		0.056	J	0.21	
Herbicides	ND		ND		ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Total Metals	Results	Q	Results	Q	Results	Q
Barium	1270		46.7		127	
Lead	375		171		692	
Mercury	0.166		0.535		1.89	
Selenium	1.7	U	0.975	J	8.82	
Zinc	789		161		233	
PFAS	ND		NE		ND	

Sample ID and	SP-13 (10-12)	
Sample Date	9/8/2022	
Compound	Results	Q
VOCs	NE	
SVOCs	NE	
PCBs	ND	
Total Metals	Results	Q
Arsenic	19.6	J-
Copper	50.9	J+
Lead	377	J+
Zinc	296	J+
Mercury	2.31	
Pesticides	ND	
PFAS	NE	

Sample ID and Depth	25SB-11 (0-2)		25SB-11 (11-12)	
Sampling Date	7/1/2025		7/1/2025	
Compound	Results	Q	Results	Q
VOCs	ND		ND	
SVOCs	Results	Q	Results	Q
Benzo(a)anthracene	13		0.44	
Benzo(a)pyrene	20		0.55	
Benzo(b)fluoranthene	18		0.65	
Benzo(k)fluoranthene	3.8		0.22	
Chrysene	12		0.53	
Dibenzo(a,h)anthracene	1.8		0.083	J
Indeno(1,2,3-cd)pyrene	12		0.34	
Herbicides	ND		ND	
Pesticides	ND		ND	
PCBs	ND		ND	
Total Metals	Results	Q	Results	Q
Barium	434		142	
Lead	1100		498	
Mercury	0.968		8.83	
Zinc	651		137	
PFAS	NE		ND	

Compounds	NYSDEC Part 375 UUSCOs	NYSDEC Part 375 RRSCOs	NYSDEC Part 375 PGWSCOs
VOCs		ppm	
1,2,4-Trimethylbenzene	3.6	52	N/A
1,4-Dichlorobenzene	1.8	13	N/A
2-Butanone	0.12	100	N/A
Acetone	0.05	100	N/A
Methylene chloride	0.05	100	N/A
n-Butylbenzene	12	100	N/A
n-Propylbenzene	3.9	100	N/A
sec-Butylbenzene	11	100	N/A
Xylenes, Total	0.26	100	N/A
SVOCs		ppm	
3-/4-Methylphenol	0.33	100	N/A
Acenaphthene	20	100	N/A
Benzo(a)anthracene	1	1	N/A
Benzo(a)pyrene	1	1	N/A
Benzo(b)fluoranthene	1	1	N/A
Benzo(k)fluoranthene	0.8	3.9	N/A
Chrysene	1	3.9	N/A
Dibenzo(a,h)anthracene	0.33	0.33	N/A
Fluoranthene	100	100	N/A
Indeno(1,2,3-cd)pyrene	0.5	0.5	N/A
Naphthalene	12	100	N/A
Pyrene	100	100	N/A
Total Metals		ppm	
Arsenic	13	16	N/A
Barium	350	400	N/A
Copper	50	270	N/A
Lead	63	400	450
Nickel	30	310	N/A
Selenium	3.9	180	N/A
Silver	2	180	N/A
Zinc	109	10000	N/A
Mercury	0.18	0.81	0.73
Chromium, Trivalent	30	180	N/A
Zinc	109	10000	N/A
Pesticides		ppm	
4,4'-DDD	0.0033	13	N/A
Per- and Poly- Fluoroalkyl Substances (PFAS)		ppm	
Perfluorooctanoic acid (PFOA)	0.66	6.6	N/A



Sample ID	25SB-9 (0-2)	25SB-9X (2-4)	25SB-9X (4-6)	25SB-9X (6-8)	25SB-9 (11-12)	25SB-9X (12-14)	25SB-9X (18-20)	25SB-9X (24-26)	25SB-9X (26-28)	25SB-9X (28-30)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**498**	**211**	**892**	**318**	**97.2**	**425**	**346**	**1050**	**25.7**	**15.9**
Mercury	**0.576**	NT	NT	NT	**0.919**	**0.665**	NT	NT	ND	ND
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**11.7**	**16**	**0.143**	**0.124**	NT	**0.822**	**1.36**	**0.279**	ND	ND
Mercury	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND

Sample ID	25SB-6 (0-2)	25SB-6X (6-7)	25SB-6 (7-9)	25SB-6X (9-10)	25SB-6 (11-12)	25SB-6X (12-14)	25SB-6X (14-16)	25SB-6X (16-18)	25SB-6X (18-20)	25SB-6X (22-24)	25SB-6X (26-28)	25SB-6X (28-30)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**1360**	**128**	**244**	**1330**	**1350**	**745**	**404**	**424**	**411**	**815**	**25.2**	**10.5**
Mercury	**1.68**	NT	**0.853**	NT	**6.34**	**0.32**	NT	NT	NT	NT	ND	ND
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**1.8**	**2.05**	**5.47**	**3.24**	**0.165**	**14.2**	**2.06**	**2.9**	**2.95**	**2.4**	**0.668**	ND
Mercury	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	ND	ND

Sample ID	25SB-4 (0-2)	25SB-4X (6-7)	25SB-4 (7-9)	25SB-4X (9-10)	25SB-4 (12-13)	25SB-4X (13-15)	25SB-4X (15-17)	25SB-4X (19-21)	25SB-4X (21-23)	25SB-4X (23-25)	25SB-4X (25-27)	25SB-4X (29-30)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**563**	**1140**	**2570**	**435**	**10000**	**410**	**666**	**751**	**342**	**193**	**326**	**5.82**
Mercury	**2.56**	NT	**3.29**	NT	**6.82**	**1.09**	NT	NT	NT	ND	NT	ND
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**2.63**	**38.6**	**7.04**	**12**	**2.1**	**1.4**	**2.81**	**3.22**	**0.187**	**0.499**	**3.36**	**0.033**
Mercury	NT	NT	NT	NT	ND	NT	NT	NT	NT	ND	NT	ND

Sample ID	25SB-10 (0-2)	25SB-10X (7-8)	25SB-10 (11-12)	25SB-10X (12-14)	25SB-10X (14-16)	25SB-10X (16-18)	25SB-10X (18-20)	25SB-10X (24-26)	25SB-10X (26-28)	25SB-10X (28-30)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**745**	**516**	**3700**	**982**	**761**	**481**	**143**	**157**	**102**	**10.8**
Mercury	**0.915**	NT	**7.47**	NT	NT	NT	NT	NT	NT	ND
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**0.336**	**41.2**	**0.0698**	**26.3**	**2.63**	**3.19**	**2.66**	**0.746**	**1.8**	**0.036**
Mercury	NT	NT	ND	NT	NT	NT	NT	NT	NT	ND

Sample ID	25SB-5 (0-2)	25SB-5 (11-12)	25SB-5X (12-14)	25SB-5X (14-16)	25SB-5X (16-18)	25SB-5X (18-20)	25SB-5X (22-24)	25SB-5X (26-28)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**134**	**273**	**179**	**389**	**78.1**	**398**	**12.2**	**18.1**
Mercury	**0.354**	**3.68**	**1.1**	NT	NT	NT	ND	NT
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**2.04**	**3.9**	**0.622**	**2.85**	**2.42**	**0.392**	ND	**0.14**
Mercury	NT	NT	NT	NT	NT	NT	ND	NT

Sample ID	25SB-11 (0-2)	25SB-11X (7-8)	25SB-11 (11-12)	25SB-11X (12-14)	25SB-11X (14-16)	25SB-11X (16-18)	25SB-11X (18-20)
Total Metals	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Lead	**1100**	**549**	**498**	**508**	**952**	**498**	**76.8**
Mercury	**0.968**	NT	**8.83**	NT	NT	NT	NT
TCLP Metals	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
Lead	**1.68**	**11**	**99.1**	**2.1**	**2.9**	**0.609**	**0.303**
Mercury	NT	NT	ND	NT	NT	NT	NT

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Legend:

- Property Boundary
- Soil Boring Location and Designated ID (2025) 25SB-X/25SB-XX

Notes:

1. All feature locations are approximate
2. ppm: parts per million
3. mg/L: milligram per liter
4. SCO: Soil Cleanup Objectives
5. Bold values are detected concentrations
6. Green highlighted values are above Unrestricted Use SCOs
7. Pink highlighted values are above Restricted Residential SCOs
8. Orange highlighted values are above EPA Hazardous Waste Limits

Scale:

0 50' 100'

Figure No. 6

Figure Name: METALS DELINEATION PLAN

Report: RIR

Date: 10/9/2025

Drawn By: KB

Site Address: 601-607 UNION STREET
BROOKLYN, NEW YORK (C224392)

Sample ID	25MW-4			
Sampling Date	7/16/2025		2/12/2026	
VOCs	NE		NT	
SVOCs	Results	Q	NT	
Benzo(a)anthracene	0.9		-	
Benzo(a)pyrene	0.93		-	
Benzo(b)fluoranthene	1.2		-	
Benzo(k)fluoranthene	0.32		-	
Chrysene	0.92		-	
Herbicides	ND		NT	
Pesticides	ND		NT	
PCBs	ND		NT	
Total Metals	Results	Q	Results	Q
Arsenic	18.54		51.41	
Barium	553.6		2797	J-
Cadmium	0.32		6.95	
Chromium	17.31		79.03	
Copper	40.01		271	
Iron	25200		80600	
Lead	579.9		2046	J-
Magnesium	46400	J-	42700	
Manganese	1488		2626	
Mercury	3		9.62	
Sodium	540000		354000	
Thallium	0.22	J	0.67	J
Zinc	281.9		3312	
Dissolved Metals	Results	Q	Results	Q
Manganese	NT		1257	
Sodium	NT		365000	
1,4 Dioxane	NT		NT	
PFAS	NT		NT	

Sample ID	B8DW	
Sampling Date	7/16/2025	
VOCs	Results	Q
Tetrachloroethene	6.2	
SVOCs	NE	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	5160	
Magnesium	62800	J-
Manganese	1175	
Sodium	198000	
Dissolved Metals	Results	Q
Iron	1500	
Magnesium	60500	
Manganese	822.9	
Sodium	185000	
1,4 Dioxane	ND	
PFAS	Results	Q
PFOS	0.0036	
PFOA	0.0386	

Sample ID	25MW-3	
Sampling Date	7/15/2025	
VOCs	ND	
SVOCs	ND	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	21400	
Lead	26.84	
Manganese	1253	
Sodium	117000	
Dissolved Metals	Results	Q
Iron	1960	
Manganese	1016	
Sodium	188000	
1,4 Dioxane	ND	
PFAS	Results	Q
PFOA	0.0364	

Sample ID	25MW-1	
Sampling Date	7/14/2025	
VOCs	ND	
SVOCs	ND	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	35100	
Magnesium	49000	
Manganese	920.5	
Sodium	188000	
Dissolved Metals	Results	Q
Iron	2120	
Magnesium	56600	J
Manganese	768.4	
Sodium	203000	
1,4 Dioxane	ND	
PFAS	Results	Q
PFOA	0.032	

Sample ID	25MW-6	
Sampling Date	7/15/2025	
VOCs	ND	
SVOCs	ND	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	32100	
Magnesium	40100	
Manganese	1148	
Sodium	324000	
Dissolved Metals	Results	Q
Iron	1330	
Manganese	932.1	
Sodium	190000	
1,4 Dioxane	ND	
PFAS	Results	Q
PFOA	0.0484	

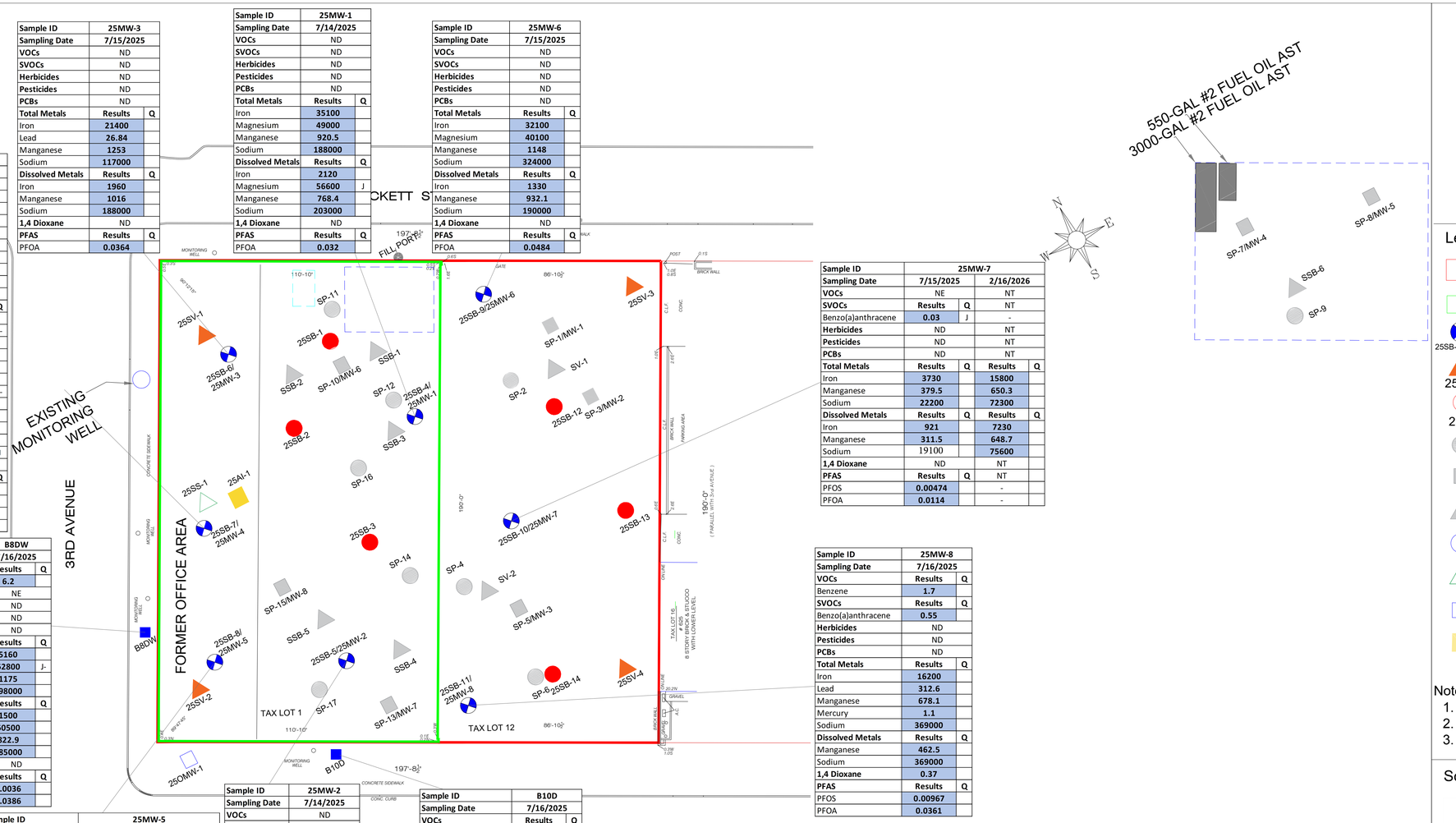
Sample ID	25MW-7			
Sampling Date	7/15/2025		2/16/2026	
VOCs	NE		NT	
SVOCs	Results	Q	NT	
Benzo(a)anthracene	0.03	J	-	
Herbicides	ND		NT	
Pesticides	ND		NT	
PCBs	ND		NT	
Total Metals	Results	Q	Results	Q
Iron	3730		15800	
Manganese	379.5		650.3	
Sodium	22200		72300	
Dissolved Metals	Results	Q	Results	Q
Iron	921		7230	
Manganese	311.5		648.7	
Sodium	19100		75600	
1,4 Dioxane	ND		NT	
PFAS	Results	Q	NT	
PFOS	0.00474		-	
PFOA	0.0114		-	

Sample ID	25MW-8	
Sampling Date	7/16/2025	
VOCs	Results	Q
Benzene	1.7	
SVOCs	Results	Q
Benzo(a)anthracene	0.55	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	16200	
Lead	312.6	
Manganese	678.1	
Mercury	1.1	
Sodium	369000	
Dissolved Metals	Results	Q
Manganese	462.5	
Sodium	369000	
1,4 Dioxane	0.37	
PFAS	Results	Q
PFOS	0.00967	
PFOA	0.0361	

Sample ID	25MW-5			
Sampling Date	7/14/2025		2/12/2026	
VOCs	ND		NT	
SVOCs	Results	Q	NT	
Benzo(a)anthracene	0.23		-	
Benzo(a)pyrene	0.25		-	
Benzo(b)fluoranthene	0.32		-	
Chrysene	0.19		-	
Herbicides	ND		NT	
Pesticides	ND		NT	
PCBs	ND		NT	
Total Metals	Results	Q	Results	Q
Arsenic	48.64		4.11	
Barium	1073		179.9	J-
Chromium	64.72		1.18	
Copper	384.9		4.54	J
Iron	59800		8040	
Lead	2707		27.26	J-
Magnesium	37000	J-	20200	
Manganese	3698		1773	
Mercury	9.92		0.2	U
Nickel	104		2.13	
Selenium	19.8		5	R
Sodium	392000		450000	
Dissolved Metals	Results	Q	Results	Q
Iron	501		1720	
Manganese	1643		1524	
Sodium	341000		426000	
1,4 Dioxane	ND		NT	
PFAS	Results	Q	NT	
PFOS	0.0292		-	
PFOA	0.0236		-	

Sample ID	25MW-2	
Sampling Date	7/14/2025	
VOCs	ND	
SVOCs	NE	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	55300	
Manganese	2667	
Sodium	543000	
Dissolved Metals	Results	Q
Iron	1560	
Manganese	1798	
Sodium	536000	
1,4 Dioxane	0.381	
PFAS	Results	Q
PFOA	0.107	

Sample ID	B10D	
Sampling Date	7/16/2025	
VOCs	Results	Q
cis-1,2-Dichloroethene	29	
Tetrachloroethene	22	
Trichloroethene	10	
SVOCs	NE	
Herbicides	ND	
Pesticides	ND	
PCBs	ND	
Total Metals	Results	Q
Iron	3050	
Magnesium	69100	J-
Sodium	234000	
Dissolved Metals	Results	Q
Iron	805	
Magnesium	68900	
Sodium	229000	
1,4 Dioxane	ND	
PFAS	Results	Q
PFOA	0.0573	



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Legend:

- Property Boundary
- Current Tax Lot Line
- 25SB-X/25MW-X — Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X — Soil Vapor Point Location and Designated ID (2025)
- 25SB-X — Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Notes:
1. All features are approximate.
2. All results are reported in parts per billion (ppb)
3. NT: Not Tested, ND: Non-Detect, NE: No Exceedance

Scale: 0 — 50' — 100'

Figure No. 7

Figure Name: GROUNDWATER EXCEEDANCES

Report: RIR

Date: 2/25/2026

Drawn By: KB

Site Address: 601-607 UNION STREET
BROOKLYN, NY (C224392)

SAMPLE ID	25SS-1		25AI-1	
VOCs	Results	Q	Results	Q
1,1,1-Trichloroethane	**31.1**		0.109	U
1,2,4-Trimethylbenzene	**12.4**		**1.79**	
1,3,5-Trimethylbenzene	**3.15**		0.983	U
1,3-Butadiene	**0.6**		**0.546**	
2,2,4-Trimethylpentane	0.934	U	**4.1**	
2-Butanone	**31.6**		**5.78**	
2-Hexanone	**6.43**		0.82	U
4-Ethyltoluene	**2.16**		0.983	U
4-Methyl-2-pentanone	**3.18**		2.05	U
Acetone	**161**		**30.2**	
Benzene	**2.44**		**4.54**	
Carbon disulfide	**2.05**		0.623	U
Carbon tetrachloride	1.26	U	**0.447**	
Chloroform	**1.15**		0.977	U
Chloromethane	0.413	U	**1.43**	
Cyclohexane	**1.41**		**1.13**	
Dichlorodifluoromethane	**2.17**		**2.32**	
Ethanol	**10.4**		**37.3**	
Ethylbenzene	**4.43**		**1.68**	
Heptane	**16.3**		**1.72**	
Isopropanol	**17**		**5.8**	
n-Hexane	**32.3**		**3.91**	
Naphthalene	**4.21**		**1.64**	
o-Xylene	**8.38**		**2.23**	
p/m-Xylene	**17.5**		**5.39**	
Styrene	**1.03**		0.852	U
Tertiary butyl Alcohol	**47.9**		1.52	U
Tetrachloroethene	**27.7**		**0.746**	
Tetrahydrofuran	**1.7**		1.47	U
Toluene	**10.9**		**19.7**	
Trichloroethene	1.07	U	**0.193**	
Trichlorofluoromethane	**1.48**		**1.2**	

SAMPLE ID	SSB-5
VOCs	Results
1,1-Dichloroethane	**3.901**
1,2,4-Trimethylbenzene	**12**
1,3,5-Trimethylbenzene	**5.3**
1,4-Dioxane	**1.7**
2-Butanone	**19**
4-Methyl-2-pentanone	**2.2**
Acetone	**110**
Acrylonitrile	**2.9**
Benzene	**2.8**
Carbon disulfide	**28**
Chloromethane	**0.88**
Cyclohexane	**49**
Dichlorodifluoromethane	**1.9**
Ethyl acetate	**3.8**
Ethyl Benzene	**7.3**
Isopropanol	**5.1**
MTBE	**40**
Methylene chloride	**1.6**
n-Heptane	**35**
n-Hexane	**74**
o-Xylene	**9.4**
p-&m-Xylenes	**22**
p-Ethyltoluene	**13**
Propylene	**93**
Styrene	**1.2**
Tetrachloroethylene	**5.3**
Tetrahydrofuran	**13**
Toluene	**7.5**
Trichloroethylene	**2.5**

SAMPLE ID	SSB-4
VOCs	Results
1,2,4-Trimethylbenzene	**9.6**
1,3,5-Trimethylbenzene	**2.9**
1,3-Butadiene	**1.1**
2-Butanone	**1.5**
2-Hexanone	**1.4**
4-Methyl-2-pentanone	**0.68**
Acetone	**14**
Benzene	**1.4**
Carbon disulfide	**1.6**
Carbon tetrachloride	**0.31**
Chloromethane	**1.4**
Cyclohexane	**0.91**
Dichlorodifluoromethane	**2**
Ethyl Benzene	**3.5**
Isopropanol	**1.8**
Methylene chloride	**1.2**
n-Heptane	**1.9**
n-Hexane	**1.2**
o-Xylene	**5.5**
p-&m-Xylenes	**16**
p-Ethyltoluene	**9.6**
Propylene	**4.1**
Styrene	**0.71**
Tetrachloroethylene	**17**
Tetrahydrofuran	**0.98**
Toluene	**5.3**
Trichloroethylene	**0.71**
Trichlorofluoromethane	**1.2**
Vinyl Chloride	**0.21**

SAMPLE ID	25DUP-1		SAMPLE ID	25SV-2 (10')	
VOCs	Results	Q	VOCs	Results	Q
1,1,1-Trichloroethane	**27.7**		1,1,1-Trichloroethane	**23.4**	
1,2,4-Trimethylbenzene	**14.5**		1,2,4-Trimethylbenzene	**14.8**	
1,3,5-Trimethylbenzene	**4.31**		1,3,5-Trimethylbenzene	**4.44**	
1,3-Butadiene	**7.88**	J	1,3-Butadiene	**5.49**	
2,2,4-Trimethylpentane	**5.51**		2-Butanone	**15**	
2-Butanone	**24.2**	J	2-Hexanone	**3.34**	J
2-Hexanone	**5.33**	J	4-Ethyltoluene	**2.48**	
4-Ethyltoluene	**2.41**		Acetone	**107**	
4-Methyl-2-pentanone	**2.48**		Benzene	**20.3**	J
Acetone	**184**	J	Carbon disulfide	**386**	
Benzene	**7.67**	J	Cyclohexane	**3.2**	J
Carbon disulfide	**9.03**		Dichlorodifluoromethane	**2.22**	
Chloroform	**2.12**		Ethylbenzene	**6.17**	
Chloromethane	**0.832**		Heptane	**9.67**	
Cyclohexane	**5.89**	J	Isopropanol	**5.48**	
Dichlorodifluoromethane	**2.11**		n-Hexane	**11.5**	
Ethanol	**13.5**		Naphthalene	**3.68**	
Ethylbenzene	**5.95**		o-Xylene	**9.56**	
Heptane	**10.5**		p/m-Xylene	**19.6**	
Isopropanol	**25.8**	J	Tertiary butyl Alcohol	**78.5**	
n-Hexane	**12.5**		Tetrachloroethene	**46.8**	J
Naphthalene	**4.01**		Toluene	**23.4**	
o-Xylene	**8.9**				
p/m-Xylene	**20.8**				
Styrene	**1.36**				
Tertiary butyl Alcohol	**147**	J			
Tetrachloroethene	**14.2**	J			
Toluene	**20.2**				
Trichlorofluoromethane	**1.48**				

SAMPLE ID	25SV-1 (10')	
VOCs	Results	Q
2,2,4-Trimethylpentane	**4500**	
4-Methyl-2-pentanone	**98.4**	
Carbon disulfide	**23.9**	
Cyclohexane	**164**	
Heptane	**23.4**	
n-Hexane	**161**	
o-Xylene	**22.5**	
p/m-Xylene	**50.8**	
Tertiary butyl Alcohol	**40.3**	
Toluene	**24.3**	

SAMPLE ID	SSB-2
VOCs	Results
1,2,4-Trimethylbenzene	**5.8**
1,3,5-Trimethylbenzene	**1.4**
1,3-Butadiene	**1.3**
2-Butanone	**0.89**
2-Hexanone	**1.7**
Acetone	**6.2**
Benzene	**1.7**
Chloroform	**4.2**
Chloromethane	**0.46**
cis-1,2-Dichloroethylene	**0.4**
Cyclohexane	**1.7**
Dichlorodifluoromethane	**2.1**
Ethyl acetate	**1.5**
Ethyl Benzene	**1.8**
Isopropanol	**1.8**
Methyl Methacrylate	**0.83**
Methylene chloride	**1.4**
n-Heptane	**1.2**
n-Hexane	**1.1**
o-Xylene	**2.5**
p-&m-Xylenes	**7.3**
p-Ethyltoluene	**5.1**
Propylene	**2.4**
Styrene	**0.86**
Tetrachloroethylene	**550**
Toluene	**4.6**
Trichloroethylene	**240**
Trichlorofluoromethane	**1.2**

SAMPLE ID	SSB-1
VOCs	Results
1,1-Dichloroethane	**0.68**
1,2,4-Trimethylbenzene	**24**
1,3,5-Trimethylbenzene	**7.9**
1,3-Butadiene	**1.1**
1,4-Dioxane	**1.2**
2-Butanone	**3.9**
2-Hexanone	**4.5**
4-Methyl-2-pentanone	**1.4**
Acetone	**51**
Benzene	**2.2**
Carbon disulfide	**0.68**
Chloroethane	**0.44**
Chloroform	**1.8**
Chloromethane	**1.4**
cis-1,2-Dichloroethylene	**7.2**
Cyclohexane	**5.4**
Dichlorodifluoromethane	**2.1**
Ethyl acetate	**1.2**
Ethyl Benzene	**8.6**
Isopropanol	**18**
Methyl Methacrylate	**0.82**
Methylene chloride	**1.8**
n-Heptane	**8.6**
n-Hexane	**6**
o-Xylene	**14**
p-&m-Xylenes	**30**
p-Ethyltoluene	**26**
Propylene	**9.4**
Tetrachloroethylene	**92**
Tetrahydrofuran	**2.1**
Toluene	**13**
trans-1,2-Dichloroethylene	**2.2**
Trichloroethylene	**21**
Trichlorofluoromethane	**1.2**
Vinyl Chloride	**0.6**

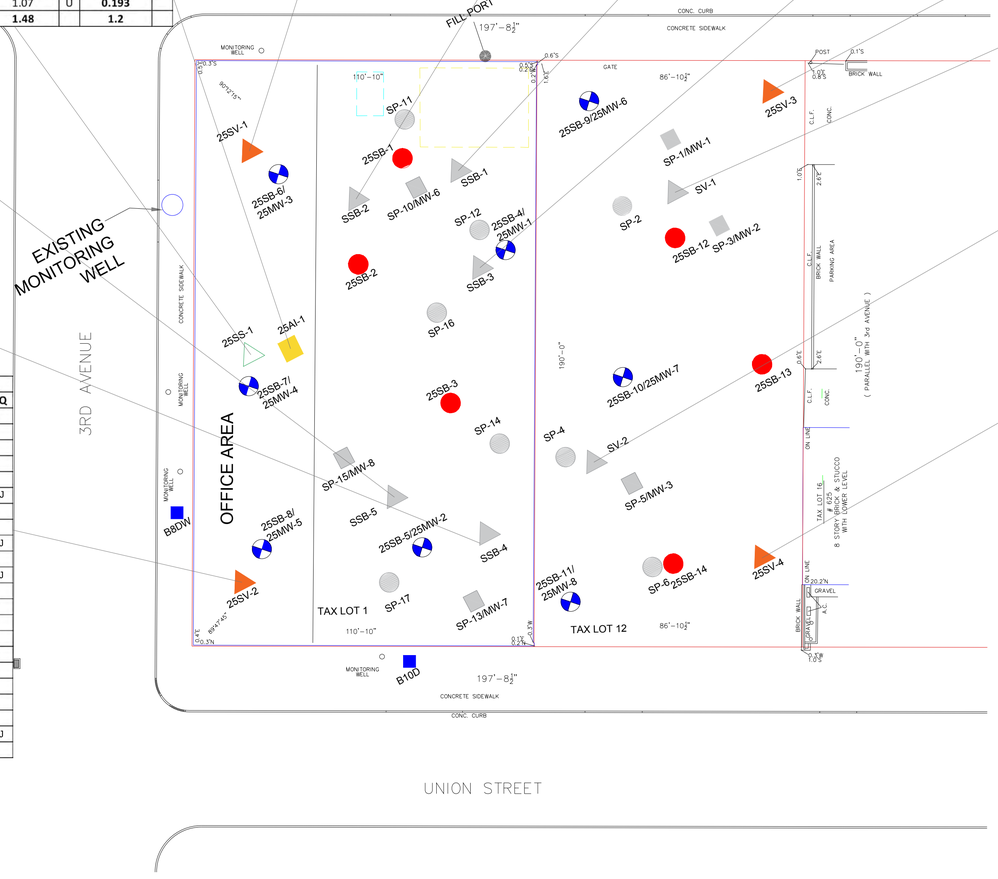
SAMPLE ID	SSB-3
VOCs	Results
1,2,4-Trimethylbenzene	**33**
1,3,5-Trimethylbenzene	**11**
1,3-Butadiene	**1.2**
1,4-Dioxane	**1.3**
2-Butanone	**7.8**
2-Hexanone	**5.7**
4-Methyl-2-pentanone	**5.7**
Acetone	**77**
Acrylonitrile	**0.38**
Benzene	**9.1**
Bromomethane	**0.68**
Carbon disulfide	**3.8**
Chloromethane	**1.3**
Cyclohexane	**28**
Dichlorodifluoromethane	**1.9**
Ethyl acetate	**2.4**
Ethyl Benzene	**20**
Isopropanol	**10**
Methyl Methacrylate	**4.3**
MTBE	**0.76**
Methylene chloride	**1.3**
n-Heptane	**38**
n-Hexane	**27**
o-Xylene	**26**
p-&m-Xylenes	**60**
p-Ethyltoluene	**40**
Propylene	**53**
Tetrachloroethylene	**150**
Tetrahydrofuran	**9.2**
Toluene	**37**
Trichloroethylene	**2.6**
Trichlorofluoromethane	**1.1**

SAMPLE ID	25SV-3 (10')	
VOCs	Results	Q
1,2,4-Trimethylbenzene	**3.3**	
1,3,5-Trimethylbenzene	**1.76**	
2-Butanone	**44.8**	
2-Hexanone	**9.34**	
Acetone	**568**	
Benzene	**56.2**	
Carbon disulfide	**21**	
Chloromethane	**0.458**	
Cyclohexane	**8.85**	
Dichlorodifluoromethane	**1.05**	
Ethanol	**21.1**	
Ethylbenzene	**21.6**	
Heptane	**14.1**	
Isopropanol	**7.2**	
n-Hexane	**25.5**	
o-Xylene	**13.9**	
p/m-Xylene	**26.1**	
Tertiary butyl Alcohol	**272**	
Toluene	**37**	

SAMPLE ID	SV-1 (10')
VOCs	Results
1,2,4-Trimethylbenzene	**1.4**
1,3-Butadiene	**1.3**
2-Butanone	**23**
2-Hexanone	**5.7**
Acetone	**99**
Acrylonitrile	**0.54**
Benzene	**1.7**
Carbon disulfide	**23**
Chloromethane	**0.87**
Cyclohexane	**8.5**
Dichlorodifluoromethane	**1.3**
Ethyl acetate	**1.4**
Ethyl Benzene	**2.1**
Isopropanol	**3.7**
Methylene chloride	**1.3**
n-Heptane	**6.6**
n-Hexane	**19**
o-Xylene	**1.9**
p-&m-Xylenes	**4.2**
p-Ethyltoluene	**0.94**
Propylene	**67**
Tetrachloroethylene	**1.3**
Toluene	**3.1**
Trichloroethylene	**0.51**

SAMPLE ID	SV-2 (10')
VOCs	Results
1,2,4-Trimethylbenzene	**2.5**
1,3,5-Trimethylbenzene	**0.85**
1,3-Butadiene	**1.1**
2-Butanone	**7**
2-Hexanone	**2.6**
4-Methyl-2-pentanone	**1.1**
Acetone	**53**
Acrylonitrile	**0.83**
Benzene	**3**
Carbon disulfide	**0.75**
Cyclohexane	**2.1**
Ethyl acetate	**1.6**
Ethyl Benzene	**1.1**
Isopropanol	**3.1**
Methylene chloride	**1.3**
n-Heptane	**28**
n-Hexane	**35**
o-Xylene	**1.6**
p-&m-Xylenes	**3.5**
p-Ethyltoluene	**1.4**
Propylene	**57**
Styrene	**0.74**
Tetrachloroethylene	**4.8**
Toluene	**5.9**
Trichloroethylene	**0.47**

SAMPLE ID	25SV-4 (10')	
VOCs	Results	Q
1,1,1-Trichloroethane	**1.26**	
1,2,4-Trimethylbenzene	**2.89**	
1,3,5-Trimethylbenzene	**1.3**	
2-Butanone	**34.8**	
2-Hexanone	**9.92**	
Acetone	**632**	
Carbon disulfide	**0.713**	
Chloroform	**2.65**	
Dichlorodifluoromethane	**2.39**	
Ethanol	**23.7**	
Ethylbenzene	**1.91**	
Heptane	**3.11**	
Isopropanol	**7.4**	
n-Hexane	**1.39**	
o-Xylene	**5.21**	
p/m-Xylene	**9.21**	
Tertiary butyl Alcohol	**330**	J
Tetrachloroethene	**7.8**	
Toluene	**1.68**	
Trichlorofluoromethane	**1.88**	



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Legend:

- Property Boundary
- Current Tax Lot Line
- 25SB-X/25MW-X — Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X — Soil Vapor Point Location and Designated ID (2025)
- 25SB-X — Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale: 0 — 50' — 100'

Figure No. 8

Figure Name: SOIL VAPOR DETECTIONS

Report: RIR

Date: 8/14/2025

Drawn By: KB

Site Address: 601-607 UNION STREET
BROOKLYN, NY (C224392)

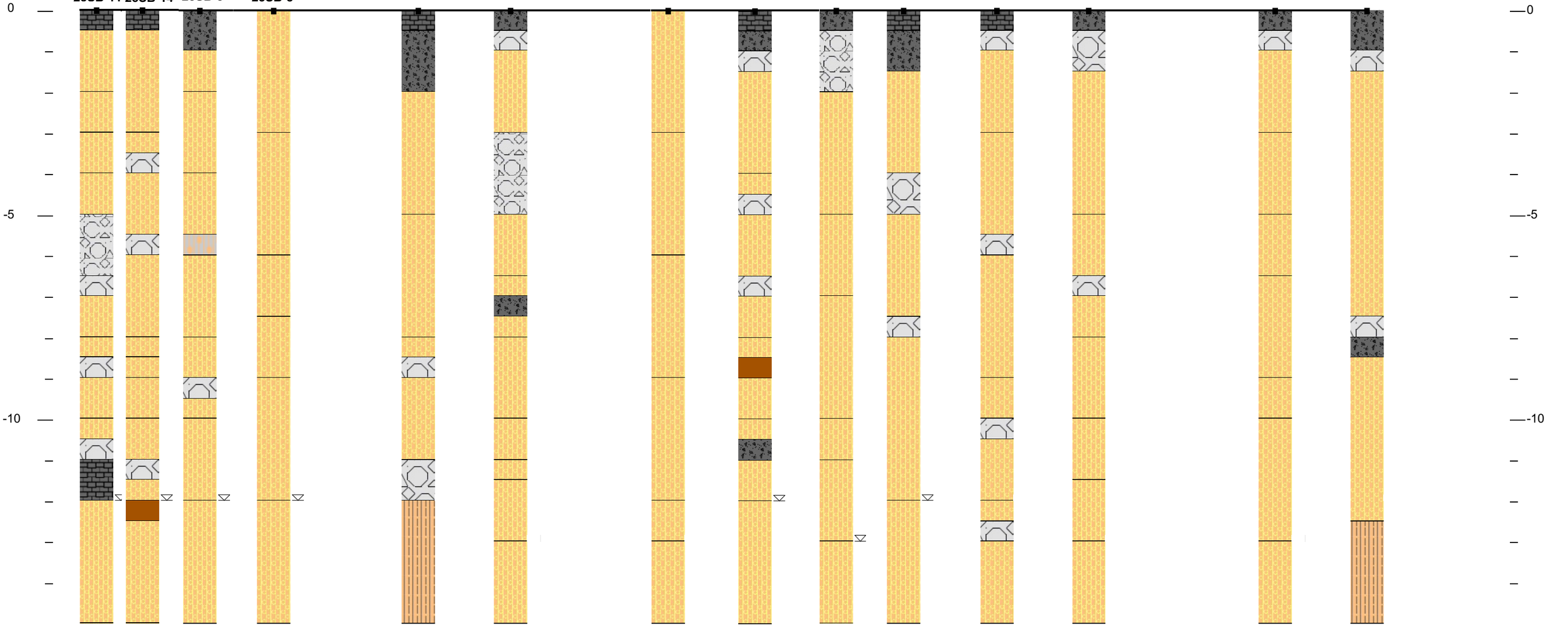
Elevation (ft)

0

-5

-10

25SB-11 25SB-14 25SB-5 25SB-8 25SB-10 25SB-3 25SB-7 25SB-4 25SB-12 25SB-9 25SB-2 25SB-1 25SB-6



Distance (ft)

S 0 — 190 N

Legend

- CONCRETE
- Silty SAND (SM)
- Silty GRAVEL (GM)
- FILL
- Organic SOIL (OL)
- ASPHALT

Water Level During Drilling

Water Level at End of Drilling

Built with Google Maps

vEKtor consultants

FIGURE No. 9

FIGURE NAME: GEOLOGIC CROSS SECTION (N-S)

REPORT: REMEDIAL INVESTIGATION REPORT

SITE: 601-607 UNION STREET
BROOKLYN, NY (C224392)

Elevation (ft)

25SB-13 | 25SB-12 | 25SB-14 | 25SB-10 | 25SB-11 | 25SB-9 | 25SB-3 | 25SB-4 | 25SB-5 | 25SB-2 | 25SB-1 | 25SB-7 | 25SB-8 | 25SB-6

0
-5
-10

190

Distance (ft)

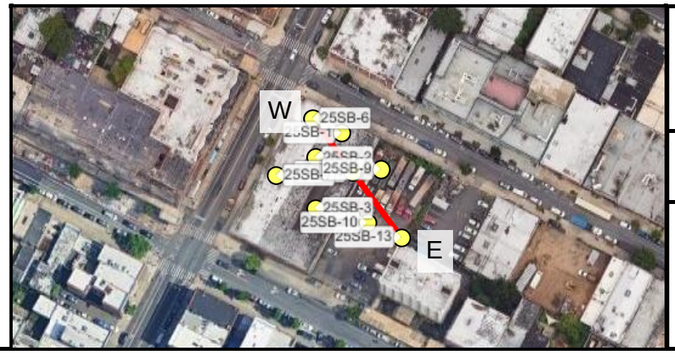
E 0 — 170 W

Legend

- ASPHALT
- CONCRETE
- FILL
- Silty SAND (SM)
- WOOD
- Organic SOIL (OL)

Water Level During Drilling
Water Level at End of Drilling

Built with Google Maps



vEKtor consultants

FIGURE No. 10

FIGURE NAME: GEOLOGIC CROSS SECTION (W-E)

REPORT: REMEDIAL INVESTIGATION REPORT

SITE: 601-607 UNION STREET
BROOKLYN, NY (C224392)

APPENDICES

APPENDIX A

PRIOR REPORTS

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants
A NYS AND NYC WBE COMPANY

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

601 Union Street
Brooklyn, NY 11215

ATHENICA PROJECT NUMBER

22-131-0500

PREPARED FOR:

Aniska Realty I, LLC
41-33 38th Street
Long Island City, NY 11101

July 11, 2022

45-09 Greenpoint Avenue · LIC, NY 11104 · Tel: (718) 784-7490 · Fax: (718) 784-4085 · www.athenica.com

TABLE OF CONTENTS

GENERAL INFORMATION 1
EXECUTIVE SUMMARY 2
1.0 INTRODUCTION 4
1.1 PURPOSE 4
1.2 SCOPE-OF-SERVICES 4
1.3 ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS 5
1.4 SPECIAL TERMS AND CONDITIONS (USER RELIANCE) 7
2.0 SITE DESCRIPTION 8
2.1 LOCATION AND LEGAL DESCRIPTION 8
2.2 SITE AND VICINITY GENERAL CHARACTERISTICS 8
2.3 CURRENT USE OF THE PROPERTY 8
2.4 DESCRIPTION OF SITE IMPROVEMENTS 8
2.5 CURRENT USE OF ADJOINING PROPERTIES 8
2.6 PHYSICAL SETTING SOURCE 9
2.6.1. Topography 9
2.6.2. Soils 9
2.6.3. Geology 9
2.6.4. Hydrology 9
2.6.5. Flood Zones and Wetlands 10
3.0 USER PROVIDED INFORMATION 11
3.1 TITLE RECORDS 11
3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS 11
3.3 SPECIALIZED KNOWLEDGE 11
3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 11
3.5 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION 12
3.6 REASON FOR PERFORMING PHASE I 12
4.0 RECORDS REVIEW 13
4.1 FEDERAL ENVIRONMENTAL RECORDS 13
4.2 STATE AND TRIBAL ENVIRONMENTAL RECORDS 15
4.3 ADDITIONAL ENVIRONMENTAL RECORDS AND OTHER ASCERTAINABLE/EDR PROPRIETARY RECORDS 20
4.4 HISTORICAL USE INFORMATION 30
4.4.1 Sanborn Fire Insurance Maps 30
4.4.2 City Directory 34
4.4.3 Other Historical Information 35
4.5 PRIOR REPORTS AND AGENCY REVIEW RESULTS 36
4.5.1 Prior Reports Review 36
4.5.2 Agency Review Results 36
4.6 VAPOR ENCROACHMENT EVALUATION 37
5.0 SITE RECONNAISSANCE 38
5.1 INTERIOR & EXTERIOR DESCRIPTION 38
5.2 METHODOLOGY AND LIMITING CONDITIONS 38
5.3 HAZARDOUS SUBSTANCE USE/STORAGE 39
5.4 UNDERGROUND AND ABOVEGROUND STORAGE TANKS 39

5.5 OTHER PETROLEUM PRODUCTS 39
5.6 POLYCHLORINATED BIPHENYLS (PCBS) 39
5.7 WASTE GENERATION, STORAGE AND DISPOSAL 39
5.8 SEPTIC SYSTEMS 40
5.9 STORM WATER MANAGEMENT/SURFACE AREAS 40
5.10 WELLS 40
6.0 INTERVIEWS 41
6.1 INTERVIEW SUMMARY 41
7.0 ADDITIONAL SERVICES 42
7.1 WETLANDS 42
7.2 SUSPECT ASBESTOS-CONTAINING MATERIAL (ACM) 42
7.3 RADON 42
7.4 LEAD BASED PAINT 42
7.5 MOLD OBSERVATION 42
8.0 FINDINGS AND OBSERVATIONS 43
9.0 CONCLUSIONS AND RECOMMENDATIONS 44
10.0 DEVIATIONS AND DATA GAPS 45

Appendix A Site Location Map
Appendix B Site Photographs
Appendix C EDR Regulatory Database Report
Appendix D Historical Sanborn Maps
Appendix E Historical City Directory
Appendix F Historical Aerial Photographs & Other Historical Information
Appendix G Local Records
Appendix H Freedom of Information Act (FOIA) Request and Responses
Appendix I Vapor Encroachment Evaluation
Appendix J User Questionnaire

GENERAL INFORMATION

Athenica Project Number:
22-131-0500

Consultant Information:
Athenica Environmental Services Inc.
45-09 Greenpoint Avenue
Long Island City, NY 11104
Phone: 718-784-7490
Fax: 718-784-4085
Email: info@athenica.com
Inspection Date: June 7, 2022
Report Date: July 11, 2022

Client Information:
Aniska Realty I, LLC
41-33 38th Street
Long Island City, NY 11101

Site Information:
601 Union Street
Brooklyn, NY 11215
Borough: Brooklyn
Latitude, Longitude: 40.678554, -73.98492
Block 434 and Lots 1 and 12

Site Assessor: _____

Evan Greenberg, EIT
Project Engineer

Senior Reviewer: _____

Kenneth P. Wenz, Jr., PG, LEP
Senior Project Manager/Senior Reviewer

Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Kenneth P. Wenz, Jr., PG, LEP –Senior Project Manager /QEP

EXECUTIVE SUMMARY

On behalf of Aniska Realty I, LLC, Athenica Environmental Services, Inc. (Athenica) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 601 Union Street, herein referred to as "the Site". The location of the Site is shown on Figure 1 in Appendix A. This assessment was conducted in substantial compliance with the American Society for Testing and Materials (ASTM) Practice Designation E1527-13: Standard Practice for ESAs: Phase I ESA Process.

The purpose of this ESA is to identify, to the extent feasible, any recognized environmental conditions (RECs), historic RECs (HRECs), controlled RECs (CRECs), or *de minimis* conditions in connection with the Site. According to the current ASTM Standard, a REC is defined as the presence or likely presence of any hazardous substance or petroleum product in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. A HREC is a past release of any hazardous substance or petroleum product that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. A CREC is a REC that has been addressed to the satisfaction of the applicable regulatory authority or meeting risk-based criteria established by regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. A *de minimus* condition is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *De minimis* conditions are not recognized environmental conditions. The Phase I ESA was performed at the request of Aniska Realty I, LLC as part of their typical environmental due diligence prior to acquisition of the property.

The Site consists of two parcels comprising 37,553 total square-feet fronting Union Street to the south, Third Avenue to the west, and Sackett Street to the north. The western parcel (Lot 1) is 21,055 square feet and is completely occupied by a 1-story industrial building. The eastern parcel (Lot 12) is 16,498 square feet in area, is undeveloped, and is currently utilized as a parking lot and storage yard. The Site building maintains a warehouse and offices for a petroleum trucking and management company. Lot 12 is currently being utilized as a parking lot and storage yard. Most of the building is slab-on grade, with a partial cellar (approximately 500 square feet in area) in the northeastern portion of the building. This portion of the building also maintains a mezzanine area, which is occupied by offices. The building is concrete block and brick construction, with concrete floors, brick and concrete block interior walls, concrete partial cellar, metal frame interior; and wood-frame roof. The office portion of the Site maintains tiled floors, plaster interior walls, and drop-tiled and plaster ceilings.

The office area of the building is heated and cooled by a ducted natural gas-fired HVAC system with equipment on the roof. Portions of the building are also heated by a ducted No. 2 fuel oil-fired HVAC system with boiler and ASTs in the cellar. The office area is also cooled by individual electric wall-mounted air conditioners. The warehouse portion of the building is heated by overhead natural gas-fired unit heaters and a natural gas-fired ducted system; this portion of the building is not cooled. Solid waste generated by the building is removed regularly from the Site by private waste removal contractors for off-Site disposal. Wastewater and sewage from the building is discharged to the municipal sewer system for treatment at an off-Site wastewater treatment facility serving the community.

The current use of the Site is industrial. The building is occupied by a petroleum storage and trucking company, which receives and transports fuel oil, diesel, and gasoline. The building stores multiple trucks inside, and maintains a parking lot with several petroleum transport vehicles. The western portion of the building maintains office space.

The north-adjacent properties maintain 1-, 2-, and 3-story industrial buildings. The east-adjacent property maintains an 8-story hotel. The west-adjacent property maintains a vacant lot, currently under redevelopment (most recently developed with a 1-story industrial building). The south-adjacent properties maintain a 2-story residential building, two 4-story residential buildings, a 1-story office building and warehouse, and a 4-story residential building.

This assessment has revealed evidence of the following RECs in connection with the Site:

- The E-Designation for the Site represents a REC since it pertains to potential hazardous materials;
- The historic and current industrial, manufacturing, auto repair, and fuel oil storage/handling uses of the Site;
- The historic and/or current industrial, automotive service, and gasoline station uses of the surrounding properties;
- Open Spill Number 2009932 was reported on March 9, 2021, approximately 50 feet west of the Site at 585 Union Street. Investigations identified contamination in soil and groundwater;
- Open Spill Number 9605719 was reported on August 2, 1996, approximately 315 feet east of the Site at 204-222 4th Avenue. Investigations identified contamination in soil vapor and groundwater; and
- The potential for vapor intrusion from Site operations, and off-Site properties with documented releases to soil vapor and groundwater.

Based on the findings of the Phase I ESA, Athenica recommends the following:

- A Phase II Investigation should be conducted to evaluate subsurface conditions as a result of the identified RECS. The Phase II should include, at minimum, the collection of soil and soil vapor samples beneath the Site;
- Any unregistered petroleum bulk storage tanks should be properly registered with the NYSDEC; and
- If redevelopment of the Site is planned, all “E” Designation requirements must be addressed to the satisfaction of OER.

1.0 INTRODUCTION

On behalf of Aniska Realty I, LLC, Athenica Environmental Services, Inc. (Athenica) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 601 Union Street, herein referred to as "the Site". The location of the Site is shown on Figure 1 in Appendix A. This assessment was conducted in substantial compliance with the American Society for Testing and Materials (ASTM) Practice Designation E1527-13: Standard Practice for ESAs: Phase I ESA Process.

1.1 Purpose

The purpose of this ESA is to identify, to the extent feasible, any recognized environmental conditions (RECs), historic RECs (HRECs), controlled RECs (CRECs), or *de minimis* conditions in connection with the Site. According to the current ASTM Standard, a REC is defined as the presence or likely presence of any hazardous substance or petroleum product in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. A HREC is a past release of any hazardous substance or petroleum product that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. A CREC is a REC that has been addressed to the satisfaction of the applicable regulatory authority or meeting risk-based criteria established by regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. A *de minimus* condition is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *De minimis* conditions are not recognized environmental conditions.

1.2 Scope-of-Services

This Phase I ESA was conducted utilizing a standard of good residential and customary practice that was consistent with the ASTM Standard Practice E 1527-13. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-13 are included in appropriate sections of this report. In accordance with the above-referenced agreement, Athenica performed walk-through observations of the Site, noted the use of adjacent properties, and conducted a search of readily available historical and regulatory records. More specifically, the scope of services included the following:

- Site and Adjacent Property Observations
  Visual observations of the Site, structures, and surrounding properties were made to identify potential sources or indications of chemical and/or petroleum impacts such as underground storage tanks (USTs), aboveground storage tanks (ASTs), potential sources of polychlorinated biphenyls (PCBs), chemicals and hazardous materials, and areas with surface stains or distressed vegetation. In addition, the immediately adjacent properties were observed, without being entered, for possible sources of impacts or environmental impairment that could migrate to the site via surface water runoff, groundwater transport, or other pathways. Photographs documenting Site and adjacent property observations are included in Appendix B.
- Federal, State, Tribal and Local Regulatory Review
  A Federal, State, Tribal and Local regulatory database review was completed and supplied to Athenica by Environmental Data Resources, Inc. (EDR). A complete listing of all of the databases included in the review is available in Section 4.0 of this report. A copy of the full EDR database report in included in Appendix C.

- Historical Review
  Reviews of available historical Sanborn Fire Insurance maps, City Directories, historical aerial photographs, and historical topographic maps for the Site and adjacent properties were conducted to evaluate previous land use. Copies of the available historical Sanborn Fire Insurance maps, City Directories, historical aerial photographs, and historical topographic maps are included in Appendix D, E, and F, respectively.

- Geological Information
  Published geological and groundwater information for the Site was obtained from the United States Geological Survey (USGS) Hydrogeologic Investigations Atlas: Hydrogeologic Framework of Long Island, New York (1989).

- Interviews
  Interviews were conducted with persons familiar with the Site regarding possible past or present use of potentially hazardous materials at the Site, and other issues of potential interest relative to potential environmental conditions.

- Local Building and Tax Information Records Review
  Local building and tax information records were obtained from New York City via NYC online databases and reviewed to identify potential environmental issues of concern. Copies of the local records obtained from local agencies are included in Appendix G.

- Regulatory Agency File and Records Review
  A regulatory agency file or records review was conducted for the Site or adjacent properties unless not warranted by the findings of the database search report or the opinion of the environmental professional.

- Freedom of Information Act (FOIA) Requests
  For the Regulatory Agency File and Records Review, Freedom of Information Act (FOIA) requests were submitted to federal, state, and local regulatory agencies to obtain records of environmental issues of concern. Copies of FOIA letter requests by Athenica and responses from regulatory agencies are included in Appendix H.

- Vapor Encroachment Screening
  Vapor encroachment screening was performed to evaluate the potential for migration of vapors onto the Site. The vapor encroachment screening was conducted in accordance with the ASTM Standards E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". A copy of the vapor encroachment screening report is included in Appendix I.

Please note that the scope of work for this Phase I ESA does NOT include collection of samples or materials for testing, including testing of soils, groundwater, vapor, lead-based paint, lead in drinking water, asbestos-containing materials (ACMs), etc.

1.3 Assumptions, Limitations and Exceptions

Athenica has prepared this Phase I ESA using reasonable efforts in each phase of its work to identify RECs associated with hazardous substances or petroleum products at the Site. The scope-of-work for this Phase I ESA was consistent with the ASTM Practice E 1527-13. Findings within this report are based on information collected from observations made on the day of the Site investigation and from reasonably ascertainable information obtained from governing public agencies and referenced sources.

Athenica's professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. Athenica is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, site observations, field exploration, and laboratory test data presented in this report.

This report is intended for the sole use of the Client. It should be noted that environmental evaluations are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and Site evaluations. For these types of evaluations, it is often necessary to use information prepared by others, and Athenica cannot be responsible for the accuracy of such information. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit and is not intended to satisfy the requirements of any state, federal, or local real estate transfer laws.

As per the United States Environmental Protection Agency (USEPA) final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquires) that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E 1527-13 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in conformance with the ASTM E 1527-13 standard, persons attempting to utilize this ESA while seeking one of the Comprehensive Environmental Response, Compensation, and Liability Act's (CERCLA's) Limited Liability Protections (LLPs) must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E 1527-13) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Athenica before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

Subsurface conditions were not field investigated, as this was outside the scope of this study, and may differ from the conditions implied by the surficial observations. This study is not intended to assess or otherwise determine if soil impacts, waste emplacement, or groundwater impacts exist. These data are accessible only by subsurface material and groundwater sampling through the completion of soil borings and the installation of monitoring wells. The scope of work, in accordance with our agreement, did not include these activities.

It must be noted that no evaluation, no matter how thorough, can absolutely rule out the existence of hazardous materials at a given Site. This assessment has been based on prior Site history and observable conditions. Existing hazardous materials and hazardous substances can escape detection using these methods. Therefore, if a higher level of confidence is required than can be defined by the Phase I scope of work, additional evaluation would, of course, be required.

Our conclusions regarding the potential environmental impact of nearby, off-site facilities on the Site are based on readily available information from the environmental databases listed and the presumed groundwater flow direction based on surface topography and localized knowledge. A detailed file review of each facility was beyond the scope of work. Actual groundwater conditions, including direction of flow, can only be determined through the installation of monitoring wells.

Athenica does not warrant the correctness, completeness, relevancy, merchantability, or fitness of any information related to records review provided in this report. Such information is not the product of an independent review conducted by Athenica, but is only publicly available environmental information maintained by federal, state, and local government agencies.

Deviations from ASTM Standard Practice E 1527-13 are described in Section 10.

1.4 Special Terms and Conditions (User Reliance)

This report may be relied upon by the undersigned or by any purchaser or assignee. In addition, the report may be relied upon by any rating agency involved in rating securities secured by, or representing an interest in, the Property Note. This report may be used in connection with materials offering for sale the Property Note, or an interest in the Property Note, and in presentations to any rating agency. With respect to the foregoing, the report speaks only as of the origination date of the report unless specifically updated through a supplemental report.

Athenica makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied. Athenica's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a maximum of no more than our contract price.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Site is located at 601 Union Street in the Borough of Brooklyn, New York. It is defined on the New York City Department of Finance Tax Map as Block 434 and Lots 1 and 12.

2.2 Site and Vicinity General Characteristics

The Site is located within a primarily mixed use, residential, commercial and industrial area of Brooklyn, New York. The Site is zoned as M1-2/R7-A, denoting it as a manufacturing zone typically generating light industrial uses and often serving as a buffer zone between commercial or residential and heavier manufacturing zones, as well as a moderate density apartment house district with a maximum building height of 75 feet. The neighborhood is historically industrial, with some residential areas. However, the surrounding area is subject to a November 23, 2021 zoning action (The Gowanus Plan), which allows more residential uses. As a result, the character of the neighborhood is likely to change to encourage more residential development. More recent redevelopment of properties throughout the neighborhood have trended towards mid- to high-rise residential and mixed-use commercial and residential buildings.

2.3 Current Use of the Property

The Site consists of two parcels comprising a total of 37,553 square-feet, fronting Union Street to the south, Third Avenue to the west, and Sackett Street to the north. The western parcel (Lot 1) is 21,055 square feet in area and is completely occupied by a 1-story industrial building. The eastern parcel (Lot 12) is 16,498 square feet in area, is undeveloped, and is currently utilized as a parking lot and storage yard. The Site building maintains a warehouse area and offices for a petroleum trucking and management company, including on-Site truck repair and maintenance. Most of the building is slab-on grade, with a small partial cellar (approximately 500 square feet in area) located in the northeastern portion of the building. This portion of the building also maintains a mezzanine area, which is occupied by offices. The office area of the building is heated and cooled by a ducted natural gas-fired HVAC system with equipment on the roof. Portions of the building are also heated by a ducted No. 2 fuel oil-fired HVAC system with boiler and ASTs in the cellar. The office area is also cooled by individual electric wall-mounted air conditioners. The warehouse portion of the building is heated by overhead natural gas-fired unit heaters and a natural gas-fired ducted system; this portion of the building is not cooled.

2.4 Description of Site Improvements

According to historic Sanborn Fire Insurance Maps, the current building at the Site was constructed circa 1951. Sanborn maps depict a 2-story lumber shed and several 4-story residential buildings from as early as 1906 to as recently as 1926; and a 1-story building depicted in 1965.

2.5 Current Use of Adjoining Properties

Direction	Address	Description
North	215 3rd Avenue 597 Sackett Street 601 Sackett Street	2-story industrial building 1-story industrial building 3-story industrial building

South	251 3rd Avenue	2-story residential building
	570 Union Street	4-story residential building
	572 Union Street	4-story residential building
	576 Union Street	1-story office/warehouse building
	578 Union Street	4-story residential building
	580 Union Street	1-story warehouse building
East	625-628 Union Street	8-story commercial building (hotel)
West	585 Union Street	Vacant property, recently demolished 1-story industrial building

2.6 Physical Setting Source

2.6.1. Topography

According to the United States Geological Survey (USGS) Topographic Quadrangle for Brooklyn, New York, the elevation of the Site is approximately 18 feet above mean sea level (amsl). The Site slopes gently downward to the west, towards the Gowanus Canal.

2.6.2. Soils

According to the U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS), which is included in the EDR GeoCheck Report, the soils in the area of the Site are classified as Urban Land.

2.6.3. Geology

According to the USGS Hydrogeologic Investigations Atlas: Hydrogeologic Framework of Long Island, New York (1989), the borough of Brooklyn is generally underlain by the following geological deposits: Upper Glacier formation, Gardiner's Clay, Magothy formation, Raritan Confining Unit, Lloyd formation, and bedrock. The Upper Glacial formation is present throughout Brooklyn; however, as further explained, the Gardiner's Clay and Raritan Confining Unit are not present throughout Brooklyn and therefore may not be present beneath the Site.

The Upper Glacial formation typically consists of poorly-permeable glacial outwash deposits and till composed of clay, sand, gravel and boulders. The Upper Glacier Aquifer also is comprised of moderately to highly permeable outwash deposits consisting of fine to very coarse quartzose sand and gravels, as well as glaciolacustrine, marine, and reworked deposits. The glaciolacustrine and marine clay deposits exhibit mostly poor permeability but, locally, have thin moderately permeable layers of sand and gravel.

The Gardiner's Clay, if present, underlies the Upper Glacial formation and consists of poorly permeable grayish-green and brown clay and silt, with a few layers of sand, and includes marine shells and glauconite. The formation pinches out in the southernmost portions of the borough.

The Magothy formation is located in part directly below each of the above units and is comprised of fine to medium sand that is clayey in part, interbedded with lenses of and layers of coarse sand and sandy and solid clay.

The Raritan Confining Unit underlies the Gardiner's Clay, if present, and consists of poorly permeable silty clays with few lenses of sand. Lignite and pyrite are commonly found in the Raritan Confining Unit.

The Lloyd formation underlies the Raritan Confining Unit and consists of a poorly to moderately permeable, fine to coarse-grained sand. There are also some lenses of silty clay found in the Lloyd Aquifer. In Brooklyn, the formation thins and pinches out in the northernmost portions of the borough.

Bedrock in Brooklyn generally consists of crystalline metamorphic rocks, muscovite-biotite schist or gneiss, and/or igneous rocks, such as granite.

2.6.4. Hydrology

The movement and direction of groundwater flow is influenced by many factors including, but not limited to, the aquifer's hydraulic characteristics, surface and bedrock topography, the presence of surface water bodies and the influence of pumping wells. Preliminary estimates of groundwater flow direction usually consider surface topography and the presence of nearby surface water bodies. Based on topography and localized knowledge, the inferred groundwater flow direction for the Site is to the west towards the Gowanus Canal, located approximately 900 feet to the west of the Site.

Local groundwater depth and flow direction can be influenced by additional factors (e.g., underground structures, seasonal fluctuations, soil and bedrock geology, and production wells), which are beyond the scope of this investigation. Groundwater is anticipated to be present at a depth of approximately 10 to 12 feet below ground surface (bgs).

2.6.5. Flood Zones and Wetlands

A regulatory agency database obtained from EDR was reviewed and included available Flood Insurance Rate Maps (FIRMS) obtained from the Federal Emergency Management Agency (FEMA). The Site lies outside the 100-year and 500-year flood zones. The National and State wetland inventories do not indicate any wetlands on the Site.

3.0 USER PROVIDED INFORMATION

As defined in ASTM E 1527-13 Standard, the User is the person or entity seeking to use this report. During the course of the Phase I ESA, the User Questionnaire provides specific information pertaining to the Subject Property.

The User Questionnaire was not completed at the time of this report. A copy of the User Questionnaire sent to the purchaser is provided in Appendix J.

The following section summarizes information provided by the User with regard to the Site.

3.1 Title Records

The User did not provide Athenica with Title Records for the Site.

Athenica accessed the New York City Department of Finance (NYCDOF) Office of the City Register for present and past recorded deeds. According to the NYCDOF, present and/or past owners of the Site include the following:

- Lot 1
  - 601 Union Street Realty Cp: 1989 – Present
  - Pasquale Vetrano: 1986 – 1989
  - Plaza Motor Plan Co: 1977 – 1986
  - Pomvet Realty Corp: 1972 – 1977
  - White Motor Corp: Unspecified – 1972
- Lot 12
  - 607 Union Street Realty Cp: 1990 – Present
  - Pasquale Vetrano: 1985 – 1990
  - Distinctive Devices Inc: 1975 – 1985
  - LMC Data Inc: 1972 – 1975
  - ESCO Packers Supply Co Inc: 1970 – 1972
  - Vincy Realty Corp:1966 – 1970
  - Anthony Cestari: 1966 – 1966
  - Marie Cestari: Unspecified – 1966

3.2 Environmental Liens or Activity and Use Limitations

Environmental liens and activity and use limitations (AULs) are indications of a past or present release of a hazardous substance of petroleum products. AULs are an explicit recognition by a federal, tribal, state, or local regulatory agency that residual levels of hazardous substances or petroleum products may be present on a property, and that unrestricted use of the property might not be acceptable.

As of the date of this report, an Environmental Lien and AUL Search Report for the Site has not been provided to Athenica.

3.3 Specialized Knowledge

The User indicated that it was aware that the Site has been assigned an “E” Designation for potential hazardous waste, which indicates that certain environmental requirements must be completed as part of redevelopment.

3.4 Valuation Reduction for Environmental Issues

The User indicated that it was not aware of information regarding valuation reduction for environmental issues.

3.5 Owner, Property Manager, and Occupant Information

The current owners of the Site parcels are 601 Union Street Realty Corp. (Lot 1) and 607 Union Street Realty Associates (Lot 12). Currently, the Site is occupied by a petroleum trucking and management company.

3.6 Reason for Performing Phase I

The Phase I ESA was performed at the request of Aniska Realty I, LLC as part of their typical environmental due diligence prior to acquisition of the property.

4.0 RECORDS REVIEW

A review of databases and files from federal, state and local environmental regulatory agencies was conducted to identify use, generation, storage, treatment or disposal of hazardous materials and chemicals, or release incidents of such materials, that may impact the site. EDR provided the federal and state environmental database information to Athenica.

Federal, state, tribal and local database records were reviewed for the Site and those properties surrounding the Site. Information on the improper storage, handling, and/or disposal of hazardous substances, wastes, or petroleum products, on or adjacent to the Site, is provided within these records. Following is a summary of the listings identified within applicable search radius. The potential for the facilities identified by the database review to cause an adverse impact on the environmental condition of the Site within the aforementioned search distances was evaluated solely on the distance and presumed topographic orientation (with respect to groundwater flow) of each facility relative to the Site (i.e., upgradient, downgradient, cross-gradient). Furthermore, each facility's presumed topographic elevation orientation was determined solely by a review of available USGS quadrangle topographic maps. No attempt was made to verify the actual groundwater flow direction or to access regulatory agency files regarding the identified facilities, as this was beyond the scope of work for this project.

There are no orphan sites (sites with inadequate information to be mapped) listed on the regulatory database report. The following subsections provide a summary of the listings identified within applicable ASTM search radii or adjusted minimum search distances.

4.1 Federal Environmental Records

This section presents the findings of the database search report for the Federal environmental records.

National Priorities List (NPL), Proposed NPL, NPL Liens and Delisted NPL

The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. Sites on the Proposed NPL have been proposed for listing through the issuance of a proposed rule in the Federal Register. The United States Environmental Protection Agency (USEPA) then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing. Sites that have established criteria that USEPA uses to delete sites from the NPL are listed on the Delisted NPL.

The Site is not listed on the NPL, Proposed NPL, NPL Liens, or Delisted NPL database. There is one listing within a 1-mile radius of the Site listed on the NPL database. This listing refers to the Gowanus Canal, which is not located in the immediate vicinity of the Site and is downgradient with respect to the presumed groundwater flow direction at the Site, and is therefore not considered to be a REC for the Site.

Superfund Enterprise Management System (SEMS) and SEMS ARCHIVE Lists

SEMS tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of USEPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the USEPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons. This list also contains sites which are either proposed to or on the NPL and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

The Site is not listed on the SEMS or SEMS-ARCHIVE database. There is one property within a ½-mile radius on the SEMS database, and there are two properties within a ½-mile radius of the Site listed on the SEMS-ARCHIVE

database. All three of these properties are downgradient or cross-gradient of the Site, and none are located in the immediate vicinity of the Site. Due to their relative locations, these listings are not considered to be RECs for the Site.

RCRA Corrective Action Report (CORRACTS), Treatment, Storage and/or Disposal Facilities (TSDF), Large Quantity Generator (LQGs), and Small Quantity Generators (SQG)

The 1976 Resource Recovery and Conservation Act (RCRA) program identifies and tracks hazardous wastes from the point of generation to the point of disposal. The RCRA database tracks those facilities that treat, store, and/or dispose of hazardous materials as defined by RCRA TSDF. The RCRA CORRACTS database identifies TSDF that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. The RCRA Generators database tracks large (LQG) and small quantity generators (SQG) of hazardous waste. LQGs generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. SQGs generate between 100 kg and 1,000 kg of hazardous waste per month.

Neither the Site nor any properties within a ½-mile radius of the Site are listed on the RCRA TSDF database. The Site is not listed on the RCRA CORRACTS database. There is one property within a 1-mile radius of the Site listed on the RCRA CORRACTS database. This property is not located in the immediate vicinity of the Site and is downgradient with respect to the presumed groundwater flow direction at the Site. Due to its relative location, this listing is not considered to be a REC for the Site.

The Site is not listed on the RCRA LQG or RCRA SQG database. There are six properties within a ⅛-mile radius of the Site listed on the RCRA LQG or RCRA SQG databases. All of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site, and five of these six properties are not located within the immediate vicinity of the Site. Due to their relative locations, these five properties are not considered to be RECs for the Site. The remaining property is discussed below.

- The "Con Edison – Excavation Oil-O-Static" facility located in the street near 232 3rd Avenue, approximately 50 feet to the west of, and downgradient with respect to the presumed groundwater flow direction at, the Site, is identified on the RCRA LQG database as a large quantity generator of petroleum, resulting from an excavation. This generator listing is likely associated with NYSDEC Spill Number 0012321, reported on February 16, 2001, and closed on June 23, 2003. There are no violations associated with the RCRA listing. Due to its regulatory status, this RCRA listing is not considered to be a REC for the Site. However, due to the documented release of petroleum at this property is considered to be a potential Vapor Encroachment Condition (pVEC) for the Site, as discussed further in Section 4.6. Additionally, this property is listed on the RCRA NONGEN / NLR, RCRA-LQG, FINDS, ECHO and the NY MANIFEST databases and is further discussed below.

RCRA Very Small Quantity Generators (RCRA-VSQG)

RCRA-VSQG, formerly known as Conditionally-Exempt Small Quantity Generator (RCRA-CESQG), is USEPA's comprehensive information system, providing access to data supporting RCRA and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the RCRA-VSQG. The listed facilities generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

The Site is not listed on the RCRA-VSQG database. There are three properties within a ⅛-mile radius of the Site listed on the RCRA-VSQG database. One of these properties is located downgradient of the Site and is not located

in the immediate vicinity of the Site, and therefore is not considered to be a REC for the Site. The remaining two listings on the RCRA-VSQG database are located upgradient of the Site, and are discussed below:

- The Speedway gasoline station located at 204-222 4th Avenue, approximately 350 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is identified on the RCRA VSQG database as a very small quantity generator of ignitable waste and benzene. There are no violations associated with the RCRA-VSQG listing, and due to its regulatory status, this listing is not considered to be a REC for the Site. This property is also listed on the NY SPILLS database for Spill Number 9713442, opened on March 4, 1998 and closed on August 4, 2017; and Spill Number 1608842, opened on December 17, 2016 and closed on March 3, 2017. Due to historic gasoline storage and the documented release of petroleum at this property, this listing is considered to be a pVEC for the Site, as discussed further in Section 4.6. Additionally, this property is also listed under the LTANKS, NY SPILLS, EDR Historical Auto Stations, UST, US AIRS, FINDS, ECHO, NY MANIFEST, and the NY BROWNFIELDS databases and is further discussed below.
- The BP gasoline station located at 164 4th Avenue, approximately 600 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is identified on the RCRA-VSQG database as a very small quantity generator of ignitable waste, pesticide residue, and benzene. There are no violations associated with the RCRA-VSQG listing, and due to its regulatory status, this listing is not considered to be a REC for the Site. This property is also listed on the NY SPILLS database for Spill Number 9713442, opened on March 4, 1998 and closed on August 4, 2017. Additionally, this property is also listed under the FINDS, NY MANIFEST, EDR Historical Auto Stations, UST, and the NY SPILLS databases and is further discussed below.

United States Institutional / Engineering Control Registries (US INST / ENG CONTROLS)

US INST CONTROLS is a listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on Site. Deed restrictions are generally required as part of the institutional controls. US ENG CONTROLS are a listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

The Site is not listed on the US Institutional Controls database or the US Engineering Controls database. There is one property within a ½-mile radius of the Site listed on the US Institutional Controls database and the US Engineering Controls database. This property refers to the Gowanus Canal, which is not located in the immediate vicinity of the Site and is downgradient with respect to the presumed groundwater flow direction at the Site. Due to its relative location, this listing is not considered to be a REC for the Site.

Emergency Response Notification System (ERNS)

The ERNS database records and stores information on reported releases of oil and hazardous substances.

The Site is not listed on the ERNS database.

4.2 State and Tribal Environmental Records

This Section presents the database search report findings for State and Tribal environmental records.

State Hazardous Waste Sites (SHWS)

SHWS are referred to as the State Superfund Program and are sites in the cleanup program from inactive hazardous waste sites, including hazardous substance sites.

The Site is not listed on the SHWS database. There are four properties within a 1-mile radius of the Site listed on the SHWS database. None of these properties are located in the immediate vicinity of the Site and all are downgradient with respect to the presumed groundwater flow direction at the Site. Due to their relative locations, these listings are not considered to be RECs for the Site.

Vapor Intrusion Legacy Site (Vapor Reopened)

The Vapor Intrusion Legacy Site database identifies previously investigated and/or remediated sites that have been reopened by the NYSDEC due to concerns for vapor intrusion. "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Neither the Site nor any properties within a 1-mile radius of the Site are listed on the Vapor Reopened database.

Solid Waste Facility (SWF) / State Landfill (SL)

SWF/SL type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

The Site is not listed on the SWF/SL database. There are 14 properties within a ½-mile radius of the Site listed on the SWF/SL database. Thirteen of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining property is upgradient of the Site and is further discussed below:

- The "Rinaldi Recycling Co. Inc." facility is located approximately 450 feet to the northeast of, and upgradient with respect to presumed groundwater flow direction at, the Site. This property is listed as an inactive facility and does not appear on any regulatory database indicating open spills or violations. Due to its regulatory status, this SWF/SL facility is not considered to be a REC for the Site. Additionally, this property is also listed under the NY SPILLS database.

Leaking Storage Tank Incident Reports (LTANKS)

These records contain an inventory of reported leaking storage tank incidents reported from April 1, 1986 through the most recent update. They can be either leaking underground storage tanks or leaking above-ground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

The Site is not listed on the LTANKS database. There are eight properties within a ⅛-mile radius of the Site listed on the LTANKS database. Five of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining three listings (associated with two properties) are upgradient of the Site and are further discussed below:

- A tank test failure was reported at "AJR Woodworking", located at 599 Degraw Street, approximately 330 feet to the northeast of the Site, and is listed on the LTANKS database as Spill No. 0500453, dated April 11, 2005. The NYSDEC entry for the spill indicates that a 550-gallon No. 2 fuel oil tank failed a tightness test due to disconnected pipe fittings on the top of the tank. The tank was cleaned and was abandoned in place by filling with concrete. NYSDEC issued a letter indicating no further action was required, and the spill case was closed by the NYSDEC on April 28, 2005.
- The property at 204-222 4th Avenue, located approximately 350 feet to the east of the Site, is listed on the LTANKS database for two spill cases, which are further discussed below:
    - Spill Number 9113310 was reported on March 31, 1994. According to the NYSDEC entry for the spill, an unleaded gasoline product line failed a tightness test. No further information is provided, and the spill case was closed by NYSDEC on August 3, 1994.
    - Spill Number 9515732 was reported on March 7, 1996. According to the NYSDEC entry for the spill, a piping line failed a tightness test. No further information is provided, and the spill case was closed by NYSDEC on June 11, 1997.

Due to regulatory status, these three upgradient LTANKS listings are not considered to be RECs for the Site. However, due to historic gasoline storage and the documented release of petroleum at this property, this property represents a pVEC for the Site, as discussed further in Section 4.6.

Underground Storage Tank (UST)

The UST database contains registered USTs. USTs are regulated under Subtitle I of RCRA. The data are derived from the NYSDEC Petroleum Bulk Storage (PBS) database.

The Site is not listed on the UST database. However, the Site is listed as a PBS facility with ID #2-601627. The specifics of the registration (number and contents of tanks) were redacted in the database report and on the NYSDEC PBS database, and are therefore not publicly available. Evidence of a suspect current or former UST (apparent vent pipe consistent with a UST located on the northern portion of the building's roof as well as a suspicious steel plate located in the northern portion of the building) was observed during Athenica's Site reconnaissance.

There are ten additional properties within a ⅛-mile radius of the Site listed on the UST database. Six of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining four properties are all located upgradient of the Site, and are further discussed below:

- The "617 Sackett Street Realty Corp" facility at 617 Sackett Street, located approximately 115 feet to the northeast of the Site, is listed on the UST database as an active facility under PBS Facility ID #2-069299. This listing is for one 1,080-gallon UST, which is used to store No. 2 fuel oil, installed on an unspecified date. There are no spills or violations associated with this property, and therefore this UST database listing is not considered to be a REC for the Site.
- The "A. Shamosh Realty LLC" facility at 620-628 Degraw Street, located approximately 175 feet to the northeast of the Site, is listed on the UST database as a closed facility under PBS Facility ID #2-611758. This listing includes one former 1,080-gallon gasoline UST, installed on an unspecified date and removed on January 5, 2012; and four 550-gallon gasoline USTs, installed on unspecified dates and all closed-in-place or removed by January 5, 2012. Due to its regulatory status, this UST database listing is not considered to be a REC for the Site. However, the historic storage of gasoline at this property is considered to be a pVEC for the Site, as discussed further in Section 4.6. This property is further listed on the NY SPILLS database for one closed spill case unrelated to the USTs at the property. Additionally, this property is also listed under the AST and the NY SPILLS databases and is further discussed below.

- The "Speedway" gasoline station at 204-222 4th Avenue, located approximately 350 feet east of the Site, is listed on the UST database as a closed facility under PBS Facility ID #2-297666. This listing is for nine 4,000-gallon USTs (eight storing gasoline and one storing diesel fuel), installed between the dates of July 1, 1979 and August 1, 1996 and removed between the dates of August 1, 1996 and October 4, 2019; three 2,000-gallon USTs (two storing gasoline and one storing No. 2 fuel oil), installed between the dates of July 1, 1979 and November 1, 1988 and removed between the dates of August 1, 1996 and October 4, 2019; and 37 550-gallon USTs (two storing an unspecified material and 35 storing gasoline) installed between the dates of January 1, 1965 and June 1, 1992 and closed in place or removed (two USTs were removed post-closure and the remaining 35 USTs were closed in-place) between the dates of December 1, 1979 and October 4, 2019.This property is further listed on the NY SPILLS database for two closed spill cases discussed in the NY SPILLS section. Since all tanks have been removed or closed-in-place, these UST listings are not considered to be RECs for the Site. However, due to documented groundwater and soil vapor contamination from releases associated with these USTs, this property represents a pVEC for the Site, as further discussed in Section 4.6.
- The "BP Service Station" at 164 4th Avenue, located approximately 500 feet to the northeast of the Site, is listed on the UST database as an active facility under PBS Facility ID #2-337722. This listing includes one 12,000-gallon gasoline UST, installed on September 1, 1997; two 10,000-gallon gasoline USTs installed September 1, 1997; four 4,000-gallon gasoline USTs, installed on December 1, 1981 and removed on September 1, 1997; one 550-gallon UST (contents not reported), installed on December 1, 1970 and removed on December 1, 1992; and one 550-gallon UST (contents not reported), installed on April 19, 1997 and closed-in-place on March 27, 1998. This property is further listed on the NY SPILLS database for one closed spill case, which is not pertaining to the USTs at the property. Due to its regulatory status this UST database listing is not considered to be a REC for the Site. However, this property represents a pVEC for the Site, further discussed in Section 4.6.

Major Oil Storage Facility Underground Storage Tanks (MOSF UST)

The MOSF UST database contains registered facilities that have petroleum storage capacities in excess of 400,000 gallons. The data are derived from the NYSDEC.

Neither the Site nor any properties within a ½-mile radius of the Site are listed on the MOSF UST database.

Above-ground Storage Tanks (ASTs)

The AST database contains registered ASTs. The data are derived from the NYSDEC PBS database.

The Site is not listed on the AST database. The Site is registered with NYSDEC for petroleum bulk storage, under PBS ID #2-601627. The specifics of the registration (number and contents of tanks) were redacted in the database report and on the NYSDEC PBS database, and are therefore not publicly available. Multiple ASTs were observed during Athenica's Site reconnaissance. Athenica observed three ASTs in the partial cellar. Two of these tanks were manifolded 500-gallon ASTs containing No. 2 fuel oil. A third tank in the cellar, labeled as a 3,000-gallon No. 2 fuel oil tank, is reportedly used to store diesel fuel. Remote fill and vent pipes were observed along the northern exterior wall of the Site building, and a dispenser nozzle was observed within the garage portion of the Site building. Athenica also observed four additional 275-gallon ASTs located throughout the Site building. Three of these were located in the northern portion of the warehouse area, and were not connected to any piping. Nearby signage indicated that these tanks are used for the storage of waste oil. The fourth 275-gallon AST was located in the central portion of the Site building, and was labeled as containing Mobil Delvac (a lubricant oil). All observed ASTs appeared to be intact, though minor staining was observed at the locations of several tanks. The FDNY FOIL response included records of only the three observed ASTs in the cellar.

There are eight properties within a ⅛-mile radius of the Site listed on the AST database. Six of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are

not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining two properties are upgradient of the Site and are further described below.

- The "Holyland Auto Repair" facility at 637 Union Street, located approximately 150 feet to the east of the Site, is listed on the AST database as an active facility under PBS ID #2-605796. This listing is for one 275-gallon waste oil AST, installed on March 1, 2003. This property is not listed on any database for spills or violations. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "A. Shamosh Realty LLC" facility at 620-628 Degraw Street, located approximately 175 feet to the northeast of the Site, is listed on the AST database as a closed facility under PBS ID #2-611758. This listing is for two 275-gallon No. 2 fuel oil ASTs. Both of these ASTs were installed on an unspecified date and removed on January 5, 2012. Due to its regulatory status, this listing is not considered to be a REC for the Site.

Major Oil Storage Facility Above-ground Storage Tanks (MOSF AST)

The MOSF AST database contains registered facilities that have petroleum storage capacities in excess of 400,000 gallons.

Neither the Site nor any properties within a ½-mile radius of the Site are listed on the MOSF AST database.

Chemical Bulk Storage (CBS) Database

The CBS database contains facilities that store hazardous substances listed in 6NYCRR Part 597 in ASTs with capacities of 185 gallons or greater or USTs of any size. The data are derived from the NYSDEC.

The Site is not listed on the CBS database. There is one property within a ¼-mile radius of the Site listed on the CBS database. This property is not located in the immediate vicinity of the Site and is downgradient with respect to the presumed groundwater flow direction at the Site. Due to its relative location, this listing is not considered to be a REC for the Site.

State Institutional/Engineering Control Registries (INST/ENG CONTROLS)

The INST/ENG CONTROLS is a database of properties that have institutional or engineering controls in place. The data are derived from the NYSDEC.

The Site is not listed on the Institutional Controls database or the Engineering Controls database. There are five properties within a ½-mile radius of the Site listed on the Institutional Controls database or the Engineering Controls database. None of these properties are located in the immediate vicinity of the Site and all are downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site. Due to their relative locations, these listings are not considered to be RECs for the Site.

Voluntary Cleanup Program (VCP)

The VCP database lists properties that were investigated and/or remediated under the State's Voluntary Cleanup Program (VCP). The VCP was a voluntary remedial program established to address the environmental, legal, and financial barriers that hinder the redevelopment and reuse of contaminated properties. The VCP was developed to enhance private sector cleanup of contaminated properties by allowing parties to remediate properties using private rather than public funds and to reduce the need for development of undeveloped parcels (greenfields).

The Site is not listed on the VCP database. There are 13 properties within a ½-mile radius of the Site listed on the VCP database. None of these properties are located in the immediate vicinity of the Site and all are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site. Due to their relative locations, these listings are not considered to be RECs for the Site.

Environmental Restoration Program (ERP) Listing and Brownfield (BROWNFIELDS) Site List

The ERP and BROWNFIELD databases list properties in New York State's ERP and Brownfield programs. Under the Environmental Restoration Program, New York State provides grants to municipalities to reimburse up to 90 percent of the eligible on-site costs and 100 percent of the off-site costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential, or public uses. A brownfield is any real estate property where redevelopment or re-use may be complicated by the present or potential presence of hazardous waste, petroleum, pollutants, or contamination. The data for this database are derived from the NYSDEC.

The Site is not listed on the ERP or BROWNFIELDS database. There are 24 properties within a ½-mile radius of the Site listed on the BROWNFIELDS database. Twenty-two of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The two remaining properties are further discussed below.

- The "Matthews International Casket Division" facility, located 585 Union Street, approximately 50 feet to the west of the Site, is listed on the BROWNFIELDS database under Site Code 619763, HW Code C224329. Since remediation has not been completed, this listing represents a REC for the Site. There is currently one open spill associated with this listing, further discussed in the NY SPILLS section. Additionally, this property is also listed under the NY SPILLS and the RCRA-NONGEN / NLR databases and is further discussed below. Additionally, since investigation identified groundwater impacts, this property also represents a pVEC, further discussed in Section 4.6.
- The "Speedway" gasoline station at 204-222 4th Avenue, approximately 350 feet to the east of the Site, is listed on the BROWNFIELDS database under Site Code 587854, HW Code C2244295. According to the Brownfield listing, investigations identified VOC, semi-volatile organic compound (SVOC), and metal contamination in soil and groundwater, and VOC contamination in soil vapor. There is currently one open spill associated with this property, further discussed in the NY SPILLS section. Although the groundwater flow direction was reported to be north to northwest, the regional groundwater flow direction is towards the west. As a result, this BROWNFIELDS database listing is considered to be a REC for the Site. Additionally, this property represents a pVEC for the Site, further discussed in Section 4.6.

4.3 Additional Environmental Records and Other Ascertainable/EDR Proprietary Records

This section presents the findings of the database search report for additional environmental records and other ascertainable/EDR proprietary records.

Local Brownfield Lists (US BROWNFIELDS)

This database is a listing of brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without USEPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, USEPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under USEPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the USEPA. USEPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use USEPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Neither the Site nor any properties within a ½-mile radius of the Site are listed on the US BROWNFIELDS database.

Local Lists of Landfill/Solid Waste Disposal Sites: Open Dump Inventory (ODI), Registered Waste Tire Storage & Facility List (SWTIRE), and Solid Waste Registered Recycling Facility List (SWRCY)

This database is a listing of properties listed on the following: Open Dump Inventory (ODI), Solid Waste Tire Storage & Facility List (SWTIRE), and Solid Waste Registered Recycling Facility List (SWRCY).

The Site is not listed on the ODI, SWTIRE or SWRCY database. There are three properties within a ½-mile radius of the Site listed on the SWRCY database. Two of these properties are located cross-gradient with respect to the presumed groundwater flow direction at the Site. The remaining upgradient property is not located in the immediate vicinity of the Site. In addition, none of these properties is listed on any available database for open releases or violations. Due to their relative locations and regulatory status, none of these facilities are considered to be RECs for the Site.

Local Lists of Hazardous Waste Contaminated Sites: US Clandestine Drug Labs and Delisted Registry Sites

This database is a listing of properties identified on the Clandestine Drug Labs (CDL) and/or the Delisted Registry Sites (DEL SHWS) listings. The CDL listing contains addresses of some locations where law enforcement agencies reported chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. The DEL SHWS listing is a database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

The Site is not listed on the CDL database. There is one property located within a ½-mile radius of the Site, listed on the DEL SHWS database. This property is not located in the immediate vicinity of the Site and is downgradient of the Site, and is therefore not considered to be a REC for the Site.

Local Land Records (LIENS 2 and LUCIS)

This database includes properties on the CERCLA Lien Information and/or Land Use Control Information System (LUCIS) listings. A federal CERCLA lien can exist by operation of law at any site or property at which USEPA has spent Superfund monies. LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

The Site is not listed on the LIENS 2 database, and neither the Site nor any properties within a ½-mile radius of the Site are listed on the LUCIS database.

Hazardous Materials Incident Reporting System (HMIRS)

HMIRS contains hazardous material spill incidents reported to the Department of Transportation (DOT).

The Site is not listed on the HMIRS database.

New York State Spills (NY Spills)

The NY Spills database is a listing of spills reported to the NYSDEC, as required by Article 12 of the Navigation Law, 6 NYCRR Section 613.8, or 6 NYCRR Section 595.2. This database includes spills active as of April 1, 1986 as well as spills occurring since that date.

The Site is not listed on the NY SPILLS database. There are 31 properties within a ⅛-mile radius of the Site listed on the NY SPILLS database. Fifteen of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site, and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining 16 properties (representing 23 spill cases) within a ⅛-mile radius of the Site listed on the NY SPILLS database are further discussed below:

- Spill Number 2009932 was reported at the intersection of Union Street and 3rd Avenue, located approximately 40 feet to the south of, and downgradient with respect to the presumed groundwater flow direction at, the Site, on July 10, 2000. According to the NYSDEC entry for the spill, one quart of cable oil was released due to a defective cable joint. Cleanup was completed and the component was replaced. The spill case was closed by the NYSDEC on October 17, 2001. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. Additionally, this location is also listed under the RCRA NONGEN / NLR, FINDS, and the ECHO databases and is further discussed below
- Spill Number 0004302 was reported at 585 Union Street, located approximately 50 feet to the west of, and downgradient with respect to the presumed groundwater flow direction at, the Site, on March 9, 2021. According to the NYSDEC entry for the spill, contaminated soil and groundwater was discovered during Phase II investigation for potential redevelopment. The spill is currently open, and remediation is being managed under the New York State Brownfield Cleanup Program, HW Code C224329. This spill listing represents a REC for the Site. Additionally, since investigation identified groundwater impacts, this property also represents a pVEC, further discussed in section 4.6.
- The property at 615 Sackett Street, located approximately 50 feet to the north of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is listed on the NY SPILLS database with three individual spill cases (Spill Number 2005102 is a duplicate spill report for Spill Number 2005071); these spill cases are further described below:
    - Spill Number 2005071 and duplicate spill case number 2005102 were reported on September 2, 2020. According to the NYSDEC entry for the spill, an unknown quantity of waste denoted as "sludge" was anonymously reported as illegal dumping after contractors were observed removing small buckets of fuel oil and a strong smell was identified emanating from a container in front of the property. NYSDEC visited the property on September 4, 2020, and the container was found to be mostly empty, with no evidence of fuel oil, piping related to a fuel tank system, or petroleum odors. The spill cases were closed by the NYSDEC on October 14, 2020, and November 3, 2020 respectively, after waste sampling showed no elevated VOC concentrations. Due to their closed status, these NY SPILLS database listings are not considered to be a REC for the Site.
    - Spill Number 1809848 was reported on December 21, 2018. According to the NYSDEC entry for the spill, ten gallons of an unknown petroleum were detected in soil at a depth of 14 feet, leading to discovery of a 550-gallon UST. The UST was removed intact but showed evidence of degradation and minor holes. The spill case was closed by the NYSDEC on November 12, 2019. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
- The property at 225 3rd Avenue, located approximately 50 feet north of, and cross-gradient with respect to the presumed groundwater flow direction at, the Site, is listed on the NY SPILLS database with two spill cases; these spill cases are further described below:
    - Spill Number 0204259 was reported on July 24, 2002. According to the NYSDEC entry for the spill, 25 gallons of diesel fuel were released into a parking lot area from a broken hose on a transport truck. Following multiple attempts at remediation, the spill case was closed by the NYSDEC on March 30, 2009. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
    - Spill Number 0612588 was reported on February 20, 2007. According to the NYSDEC entry for the spill, 100 gallons of diesel fuel were released into a drain at the adjacent property, due to equipment failure. Following successful cleanup, the spill case was closed by the NYSDEC on March 30, 2009. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
- The property at 568A Union Street, located approximately 62 feet to the south of, and downgradient with respect to the presumed groundwater flow direction at, the Site, is listed on the NY SPILLS database with two spill cases; these spill cases are further described below:

  - Spill Number 0911340 was reported on January 21, 2010. According to the NYSDEC entry for the spill, an unspecified quantity of an unknown petroleum was identified. No further information was provided. The spill case was closed by the NYSDEC on January 25, 2010. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
  - Spill Number 9803217 was reported on June 12, 1998. According to the NYSDEC entry for the spill, an unspecified quantity of No. 2 fuel oil was identified. The spill case was closed by the NYSDEC on August 28, 2014, following investigation and redevelopment of the property under Spill Number 0911340. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

- Spill Number 0211682 was reported at 612 Degraw Street, located approximately 150 feet to the north of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on February 25, 2003. According to the NYSDEC entry for the spill, two gallons of No. 2 fuel oil were released onto concrete. This spill was cleaned and the spill case was closed by the NYSDEC on the same day. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

- Spill Number 0801906 was reported at 620-628 Degraw Street, located approximately 170 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on May 19, 2008. According to the NYSDEC entry for the spill, contaminated soil was identified below a UST detected during a Phase II investigation. Two 275-gallon ASTs and one 1,080-gallon UST were removed, and contaminated soil was excavated from below the UST. The spill case was closed on July 3, 2013. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. Additionally, this property is also listed under the AST and UST databases

- Spill Number 1205449 was reported at 651 Union Street, located approximately 250 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on August 29, 2012. According to the NYSDEC entry for the spill, an unknown quantity of unspecified petroleum was identified in groundwater monitoring wells. No further information was provided and the spill case was closed by the NYSDEC on March 26, 2013. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

- Spill Number 1411530 was reported at 635 Sackett Street, located approximately 275 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on March 10, 2015. According to the NYSDEC entry for the spill, 18 gallons of No. 2 fuel oil were identified on 100 gallons of water in a Con Edison service box. The spill was reportedly contained and cleaned, and the spill case was closed by the NYSDEC on April 24, 2015. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. Additionally, this property is also listed under the RCRA NONGEN / NLR, FINDS, ECHO, and the NY MANIFEST databases and is further discussed below.

- Spill Number 0411328 was reported at 654 Sackett Street, located approximately 315 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on January 19, 2005. According to the NYSDEC entry for the spill, one gallon of unknown oil was identified in a soil boring during Phase II testing. It was documented that no sewers or waterways were affected. The spill case was closed by the NYSDEC on July 21, 2007. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

- The property at 204-222 4th Avenue, located approximately 315 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is listed on the NY SPILLS database for two entries, representing four spill cases; these spill cases are further described below:

  - Spill Number 0602980 was reported on June 17, 2006. According to the NYSDEC entry for the spill, an unknown quantity of gasoline was released from a leaking spill bucket. Contaminated soil was removed, and this spill case was consolidated with Spill Number 9605719 (discussed below). This spill case was closed by the NYSDEC on September 12, 2006. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

  - Spill Number 0210654 was reported on January 23, 2003. According to the NYSDEC entry for the spill, seven gallons of diesel were released due a tank overfill. No further information was provided and this spill case was closed by the NYSDEC on November 3, 2003. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
  - Spill Number 9605719 was reported on August 2, 1996. According to the NYSDEC entry for the spill, an unknown quantity of diesel fuel and associated contaminated soil were identified during the removal of underground tanks. Further investigation identified impacts to soil vapor and groundwater. The spill is currently open, and remediation is being managed under the New York State Brownfield Cleanup Program, HW Code C2244295. Due to its open status with the NYSDEC, and documented impacts to soil vapor and groundwater this NY SPILLS database listing is considered to be a REC for the Site.
  - Spill Number 1608842 was reported on December 17, 2016. According to the NYSDEC entry for the spill, an unknown quantity of unknown hazardous material was identified due to an overflow of the storm drainage system at the property. Remediation was conducted, and this spill case was closed by the NYSDEC on March 3, 2017. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
  - Due to documented releases to soil vapor and groundwater from the above listed spills, this property represents a pVEC, further discussed in Section 4.6.

- Spill Number 1605774 was reported at 639 Degraw Street, located approximately 470 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on September 8, 2016. According to the NYSDEC entry for the spill, SVOCs were identified in soil and groundwater samples during a subsurface investigation. The spill case was closed by the NYSDEC on September 8, 2016 based on the available information. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
- Spill Number 0104798 was reported at the Union Street Station, located at the intersection of Union Street and 4th Avenue, approximately 475 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on August 3, 2001. According to the NYSDEC entry for the spill, an unknown petroleum product was discovered around old remote fill pipes located above a utility closet in the subway (for which petroleum impacts were being addressed under previous Spill Number 0201876, discussed below). Following remediation, the spill case was closed on February 5, 2004. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. Additionally, this location is also listed under the RCRA NONGEN / NLR, and the NY MANIFEST databases and is further discussed below.
- Spill Number 1108073 was reported at 196 4th Avenue, located approximately 480 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on September 23, 2011. According to the NYSDEC entry for the spill, automotive fluid mixed with water used to fight a fire was released into a sewer. The spill case was closed by the NYSDEC on December 1, 2011. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
- Spill Number 9713442 was reported at 164 4th Avenue, located approximately 500 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on March 4, 1998. According to the NYSDEC entry for the spill, an unknown quantity of methyl-tert-butyl ether (MTBE) was detected in groundwater during Phase II testing. Following groundwater remediation, the spill case was closed by the NYSDEC on August 4, 2017. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. This property also appears on the UST, RCRA-VSQG, FINDS, and Historic Auto Stations databases. Due to documented impacts to groundwater, this property represents a pVEC, further discussed in Section 4.6.
- Spill Number 0201876 was reported at the Union Street Subway, located at the intersection of Union Street and 4th Avenue, approximately 520 feet to the east of, and upgradient with respect to the presumed

groundwater flow direction at, the Site, on May 21, 2002. According to the NYSDEC entry for the spill, a complaint was made that there was oil leaking from a utility closet on the subway platform. No further information is provided and the spill case was closed on May 22, 2002. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site. Additionally, this location is also listed under the RCRA NONGEN / NLR, FINDS, ECHO, and the NY MANIFEST databases and is further discussed below.

- Spill Number 9911109 was reported at the intersection of Sackett Street and 4th Avenue, located approximately 535 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on December 20, 1999. According to the NYSDEC entry for the spill, one gallon of dielectric fluid was released to the floor of Con Edison vault #5491, due to equipment failure. No further information is provided, and the spill case was closed by the NYSDEC on March 28, 2002. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.
- Spill Number 0512890 was reported at 207 4th Avenue, located approximately 560 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, on February 7, 2006. According to the NYSDEC entry for the spill, five gallons of kerosene were spilled due to human error. This spill was cleaned up on the same day and the spill case was closed on March 28, 2002. Due to its closed status, this NY SPILLS database listing is not considered to be a REC for the Site.

RCRA Non Generators (RCRA-NonGen / NLR)

RCRA-NonGen is USEPA's comprehensive information system, providing access to data supporting RCRA and HSWA. The database includes selective information on sites which generated, transported, stored, treated, and/or disposed of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste.

The Site is listed on the RCRA-NonGen database under EPA ID #NYR000187302. The listing, attributed to "A 2 Z Environmental LLC" lists the site as a historic generator of unspecified wastes. This property is also listed on the FINDS and ECHO databases, with no violations listed. The "A 2 Z Environmental LLC" facility does not appear on any database for spills or violations. Since petroleum operations are currently active at the Site in the form of fuel usage, this listing is considered to be a REC for the Site.

There are 23 additional facilities within a ⅛-mile radius of the Site listed on the RCRA-NonGen/NLR database. Fourteen of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining nine facilities are further described below:

- The "Con Edison" facility, located at the intersection of Sackett Street and 3rd Avenue, approximately 35 feet to the west of, and downgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Con Edison" facility, located at the intersection of Union Street and 3rd Avenue, approximately 40 feet to the west of, and downgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Matthews International Casket Division" facility, located 585 Union Street, approximately 50 feet to the west of, and downgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen /NLR database as a historic generator of unspecified waste. There is currently one open spill associated with this listing, further discussed in the NY SPILLS section. However, since

hazardous waste operations have ended, and the property is being remediated and redeveloped with NYSDEC oversight, this RCRA-NonGen listing is not considered to be a REC for the Site. However, since remediation has not been completed, and investigation identified groundwater impacts, this property represents a pVEC, further discussed in Section 4.6.

- The "Con Edison" facility, located at 251 3rd Avenue, approximately 60 feet to the south of, and downgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site. Additionally, this property is also listed under the NY MANIFEST database and is further discussed below.
- The "Con Edison Service Box", located at 578 Union Street, approximately 60 feet to the south of, and cross-gradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Con Edison Service Box", located at 604 Union Street, approximately 275 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Semple Rieger Co." facility, located at 635 Sackett Street, approximately 280 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of ignitable waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Union Station" facility, located at the intersection of Union Street and 4th Avenue, approximately 480 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of lead. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.
- The "Con Edison Manhole", located at the intersection of Union Street and 4th Avenue, approximately 530 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the RCRA-NonGen/NLR database as a historic generator of unspecified waste. There are no open spills or violations associated with this listing. Due to its regulatory status, this listing is not considered to be a REC for the Site.

Toxic Release Inventory System (TRIS)

This database is a listing of facilities which release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. Information for the TRIS database is provided and maintained by the USEPA.

The Site is not listed on the TRIS database.

Toxic Substances Control Act (TSCA)

This database is a listing of manufacturers and importers of chemical substances on the TSCA chemical substances inventory lists and includes data on production volumes of these substances by plant location.

The Site is not listed on the TSCA database.

PCB Activity Database System (PADS)

This database identifies generators, transporters, commercial stores and/or brokers of PCBs who are required to notify the USEPA of such activities.

The Site is not listed on the PADS database.

Facility Index System/Facility Registry System (FINDS)

The FINDS database contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: Permit Compliance System (PCS), Aerometric Information Retrieval System (AIRS), Enforcement Docket (DOCKET) used to manage and track information on civil judicial enforcement cases for environmental statutes, Federal Underground Injection Control (FURS), Criminal Docket (C-DOCKET) used to track criminal enforcement actions for environmental statutes, Federal Facilities Information System (FFIS), State Environmental Laws and Statutes (STATE), and PCB Activity Data System (PADS).

The Site is listed on the FINDS database under Registry ID #110044830261, related to its status as a RCRA generator of hazardous waste. According to its ECHO listing, there have been no reported violations for at least 12 quarters. The FINDS listing does not necessarily represent a REC. However, the Site's historic use as a hazardous waste generator represents a REC for the Site.

RCRA Administrative Action Tracking System (RAATS)

The RAATS database contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the USEPA. For administrative actions after September 30, 1995, data entry in the RAATS database was discontinued due to decrease in agency resources.

The Site is not listed on the RAATS database.

Hazardous Substance Waste Disposal Site (HSWDS) Inventory

The HSWDS database is a listing of known or suspected hazardous substance waste disposal sites and includes sites that were delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that the USEPA had prepared a Preliminary Assessment (PA) or Site Investigation (SI) report.

The Site is not listed on the HSWDS database. There is one property within a ½-mile radius of the Site listed on the HSWDS database. This property is not located in the immediate vicinity of the Site and is cross-gradient with respect to the presumed groundwater flow direction at the Site. Due to its relative location, this listing is not considered to be a REC for the Site.

Facility and Manifest Data (MANIFEST)

This database is a listing of facilities that generate a manifest. A manifest is a document that lists and tracks hazardous waste from the generator through transporters to a Treatment, Storage, Disposal (TSD) facility. The information for this database is provided by the NYSDEC.

The Site is not listed on the NY MANIFEST database. There are 32 properties within a ⅛-mile radius of the Site listed on the NY MANIFEST database. Nineteen of these properties are located downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining six downgradient or cross-gradient properties are located in the immediate vicinity of the Site, but do not appear on any regulatory database for open spills or violations, and therefore are not considered to be RECs for the Site. The remaining seven listings are upgradient of the Site, and six of these are not located in the immediate vicinity of the Site and do not appear on

any regulatory database for open spills or violations. Due to their regulatory status, these six upgradient listings are not considered to be RECs for the Site. The remaining upgradient property is further described below:

- The "Speedway" gasoline station, located at 204-222 4th Avenue, approximately 315 feet to the east of the Site, is listed on the NY MANIFEST database. No further information is provided. Manifest listings do not necessarily represent RECs. However, this property is a historic auto service facility/gas station, and is listed on the NY SPILLS database for one open spill. This property is being redeveloped under NYSDEC oversight, and is enrolled in the NYS Brownfield Cleanup Program.

New York Drycleaners (NY Drycleaners)

The NY Drycleaners is a listing of registered drycleaners. The data are derived from the NYSDEC.

The Site is not listed on the HSWDS database. There is one property within a ½-mile radius of the Site listed on the HSWDS database. This property is not located in the immediate vicinity of the Site and is downgradient with respect to the presumed groundwater flow direction at the Site. Due to its relative location, this listing is not considered to be a REC for the Site.

State Pollutant Discharge Elimination System (SPDES)

New York State has a program approved by the USEPA for the control of waste water and storm water discharges in accordance with the Clean Water Act and is referred to as the State Pollutant Discharge Elimination System (SPDES). This program broader in scope than required by the USEPA in that SPDES controls point source discharges to groundwater as well as surface waters. This database is listing of SPDES properties.

The Site is not listed on the SPDES database.

E Designation

The "E" Designation database is a listing of properties in New York City that have an "E" zoning designation. An "E" designation is a zoning map designation notifying the potential for hazardous material contamination, noise, or air quality impacts for a particular tax lot. The information for this database is derived from the New York City Department of City Planning.

According to the EDR report, neither the Site nor any properties within a ⅛-mile radius of the Site are listed on the "E" Designation database. However, according to information from the New York City OASIS map, both Site parcels have been assigned "E" Designations, listed under E-601(The Gowanus Plan), effective November 23, 2021. The Site maintains "E" Designations for potential hazardous materials, noise, and air, all of which would have to be addressed to the satisfaction of the New York City Mayor's Office of Environmental Remediation (OER) upon redevelopment of the Site., The "E" Designation for potential hazardous materials is considered to be a REC (the "E" Designations for air and noise would be addressed through design components of any new building planned for the Site).

There are no properties within a ⅛-mile radius of the Site listed on the "E" Designation database. However, similar to the Site, there are multiple properties in the vicinity of the Site listed under E-601 for "E" Designations. For each of these properties, "E" Designation requirements must be addressed for any future redevelopments. These "E" Designations do not necessarily represent RECs for the Site.

Restrictive Declaration (RES DECL)

The RES DECL database lists properties with a restrictive declaration. A restrictive declaration is a covenant running with the land that binds the present and future owners of the property. As a condition of special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places

specialized conditions on the future use and development of the property. Certain restrictive declarations are indicated by the letter "D" on zone maps. The data for this database are derived from the New York City Department of Planning.

Neither the Site nor any properties within a ⅛-mile radius of the Site are listed on the RES DECL database.

Manufactured Gas Plants

The Manufactured Gas Plants database includes records of coal gas plants compiled by EDR's researchers. Manufactured gas plants were used in the United States from the 1800s to the 1950s to produce a gas that was distributed and used as a fuel. The plants typically utilized coal to produce gas and generated a significant amount of waste. Many of the waste byproducts from manufactured gas plants included coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds that are potentially hazardous to human health and the environment. The waste byproducts from manufactured gas plants were often disposed of at the facility and acted as a source of soil and groundwater contamination for the surrounding area.

The Site is not listed on EDR's Manufactured Gas Plant database. There is one Manufactured Gas Plant site within a 1-mile radius of the Site. The “Fulton Works” facility located at the intersection of Degraw Street and Nevins Street is approximately 400 feet to the west from the Site. This property is located along the Gowanus Canal and any releases from this property would be unlikely to affect the Site. Due to its relative location, this Manufactured Gas Plant site is not considered to be a REC for the Site.

EDR Historical Auto Stations and Cleaners (US Hist Auto Stat and US Hist Cleaners)

The EDR Historical Auto Stations and Historical Cleaners databases are listings of potential gasoline filling stations, auto repair stations, dry cleaners, laundries, and laundromats based on the findings of EDR researchers.

The Site is not listed on the EDR Historical Auto Stations database. There are six properties within a ⅛-mile radius of the Site listed on the EDR Historical Auto Stations database. Two of these properties are downgradient or cross-gradient with respect to the presumed groundwater flow direction at the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining four listings are further described below:

- "Speedway" gasoline station, located at 204-222 3rd Avenue, approximately 315 feet to the east of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is listed twice on the EDR Historical Auto Stations database. These listings include “Hess Corporation”, listed at the property as a historic auto station between 2001 and 2014 and “Merit Oil Corporation” is listed at the property as a historic auto station between 1994 and 2000. This property is listed on the NY SPILLS database for one open spill case. Due to the spill’s regulatory status, and the relative location of the property, these EDR Historical Auto Stations listings are considered to be RECs for the Site. Additionally, this property represents a pVEC for the Site, further discussed in section 4.6.
- The property located at 621 Degraw Street, approximately 410 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is listed on the EDR Historical Auto Stations database from 2011 to 2014. There are currently no open spills or violations associated with this property and therefor this listing is not considered to be a REC for the Site.
- The property located at 164 4th Avenue, approximately 500 feet to the northeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, and is listed on the EDR Historical Auto Stations database from 1973 to 1997. This property is identified on the RCRA-VSQG database as a very small quantity generator of ignitable waste, pesticide residue, and benzene. This property is also listed on the NY SPILLS database for Spill Number 9713442, opened on March 4, 1998 and closed on August 4, 2017. This property is also listed on the FINDS, NY MANIFEST, EDR and UST database. Due to its

regulatory status, this listing is not considered to be a REC. However, this property represents a pVEC, further discussed in Section 4.6.

The Site is not listed on the EDR Historical Cleaners database. There are three properties within a ⅛-mile radius of the Site listed on the EDR Historical Cleaners database. Two of these properties are located downgradient of the Site and are not located in the immediate vicinity of the Site, and therefore are not considered to be RECs for the Site. The remaining upgradient listing is further described below:

- The "BMT Stop Dry Cleaners Inc." facility located at 230 4th Avenue, approximately 400 feet to the southeast of, and upgradient with respect to the presumed groundwater flow direction at, the Site, is listed on the EDR Historical Cleaners database from the years of 1997 to 2014. There are no documented releases or violations associated with this property. Due to its regulatory status, this listing is not considered to be a REC for the Site. However, the historical use of this property as a dry-cleaning facility represents a pVEC for the Site, further discussed in Section 4.6

4.4 Historical Use Information

The Site history was researched by a review of information from the following sources:

- Sanborn Fire Insurance Maps
- City directories
- Historical aerial photographs
- Other historical sources

4.4.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were provided by EDR for the years 1886, 1888, 1904, 1906, 1915, 1922, 1926, 1928, 1938, 1950-1951, 1965, 1969, 1977-1982, 1985-1988, 1991-1996, and 2001-2007. The following table describes characteristics of the Site and adjoining properties and identifies notable environmental concerns in the vicinity of the Site for each individual year of Sanborn Fire Insurance map coverage. Copies of the Sanborn Fire Insurance Maps are included in Appendix D.

Year	Site Comments	Surrounding Area Comments
1886	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. The west-adjacent property is depicted as a timber yard.
1888	The Site maintains two vacant undeveloped lots.	The north-adjacent properties maintain vacant undeveloped land. The east-adjacent property maintains undeveloped vacant land. The south-adjacent properties maintain vacant undeveloped land. The west-adjacent property is not depicted on this Sanborn map.
1904	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map.

		There are no changes to the west-adjacent property since the 1886 Sanborn map.
1906	The western portion of the Site is depicted as a lumber yard. This portion is developed with a 1- to 2-story lumber shed building along the western edge of the property and a 1-story office building in the southwest corner. The southeast portion of the Site is developed with four 4-story residential buildings, the easternmost of which maintains a 2-story shed in the rear.	The north-adjacent properties maintain a lumber yard, and a junkyard, and a woodworking facility. The east-adjacent property maintains three 4-story residential buildings and a 2-story shed. The south-adjacent properties maintain a 4-story commercial building, and five 4-story residential buildings. The west-adjacent property is not depicted on this Sanborn map.
1915	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the 1904 Sanborn map.
1922	The Site is not depicted on this Sanborn map.	The surrounding properties are not depicted on this Sanborn map. A subway station is depicted further to the southwest of the Site.
1926	The Site is improved with a 1-story building depicted as “Planing”. The residential buildings are now depicted as flats	The north-adjacent properties are improved by several 1-story industrial buildings, including a laundry, printing ink manufacturing, painting, auto wrecking, a garage building, and a wheelwright. A gasoline tank is depicted at the north-adjacent garage property. The east-adjacent residential buildings are depicted as flats. A not-adjacent property approximately 50 feet to the east of the Site is depicted as a garage, with a gasoline tank shown. The south-adjacent commercial building is improved with a 2-story commercial building. The west-adjacent property is not depicted on this Sanborn map.
1928	The Site is not depicted on this Sanborn map.	The surrounding properties are not depicted on this Sanborn map.
1938	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. The west-adjacent property is redeveloped with a garage building, and a storehouse for a telegraph department. The eastern portion maintains an auto repair facility.
1950	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. The west-adjacent auto repair facility is no longer depicted. This area is shown as a carpentry shop.
1951	The western portion of the Site is depicted as an auto-repair facility. The Site has been improved with additional offices on the western and southern portions of the property and a 1-story building depicted as “Service Station for Trucks and Busses”.	The north-adjacent properties are improved by several 1-story industrial buildings, including auto repair, waste paper storage, metal slitting, and a filling station in the southwest corner of the property depicting two gasoline tanks.

	The eastern portion of the Site is improved with a 1-story office building in the northeast corner of the property and is now depicted as a "Railway Express Agency".	The east-adjacent properties are improved by a 1-story industrial building depicted as a "Paper Box Warehouse". Three of the 1-story residential flats have been demolished for additional space on the Site for the Railway Express Agency. There are no changes to the south-adjacent properties since the 1926 Sanborn map. The west-adjacent property is not depicted on this Sanborn map.
1965	The eastern portion of the Site is no longer depicted as a Railway Express Agency and the office building in the northeast corner of the Site is now listed as vacant and open.	The north-adjacent property is redeveloped with a warehouse; the gasoline tank in this section of the property is no longer depicted. The east-adjacent property is redeveloped with a woodworking facility. The gasoline tank is no longer depicted. The south-adjacent property has been redeveloped with a 1-story office building in the third (formerly vacant) flat. The first two flats and the 2-story commercial building are now depicted as residential buildings. The west-adjacent property is not depicted on this Sanborn map.
1969	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the 1950 Sanborn map.
1977	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the previous Sanborn map.
1978	The 1-story office building in the northeast corner of the Site is no longer depicted.	The filling station and auto repair facility in the north-adjacent property have been demolished. The woodworking facility in the east-adjoining property is now depicted as an electrical contracting facility. There are no changes to the south-adjacent property since the 1965 Sanborn map. The west-adjacent property is not depicted on this Sanborn map.
1979	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-adjacent property since the previous Sanborn map. The electrical contracting facility in the east-adjoining property is now depicted as an auto parts facility. There are no changes to the south-adjacent property since the previous Sanborn map. There are no changes to the west-adjacent property since the 1977 Sanborn map.

1980	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1981	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the previous Sanborn map.
1982	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1985	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, or south-adjacent properties since the previous Sanborn map. The west-adjacent property is not depicted on this Sanborn map.
1986	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the previous Sanborn map.
1987	There are no changes to the Site since the 1985 Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1988	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1991	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1992	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
1993	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, south-, or west-adjacent properties since the previous Sanborn map. The auto parts commercial building in the east-adjoining property is now depicted as a woodworks commercial building.
1995	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.

1996	The Site is not depicted on this Sanborn map.	The north-, east-, and south-adjacent properties are not depicted on this Sanborn map. There are no changes to the west-adjacent property since the previous Sanborn map.
2001	There are no changes to the Site since the previous Sanborn map.	The north-adjacent properties are redeveloped with a 2-story commercial building. It is noted that this construction occurred in 1999. There are no changes to the east-, south-, or west-adjacent properties since the previous Sanborn map.
2002	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
2003	The eastern portion of the Site is now depicted as truck parking.	There are no changes to the north-, south-, or west-adjacent properties since the previous Sanborn map. The east-adjacent property is now depicted as parking.
2004	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
2005	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.
2006	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, south-, or west-adjacent properties since the previous Sanborn map. The east-adjacent property is redeveloped with an 8-story hotel building.
2007	There are no changes to the Site since the previous Sanborn map.	There are no changes to the north-, east-, south-, or west-adjacent properties since the previous Sanborn map.

As indicated in the previous table, the western Site parcel (Lot 1) was developed with the current structure since at least 1951, and the eastern Site parcel (Lot 12) has been an open lot since at least 1966. The adjacent properties appear to have consisted of several commercial, industrial, and residential buildings. The historic industrial uses of the Site and surrounding properties represent RECs for the Site.

4.4.2 City Directory

EDR's City Directory Abstract is a screening report designed to assist the environmental professional in evaluating potential liability on a target property resulting from past activities. The Site is listed in EDR's historical city directory in 1928, 1934, 1940, 1960, 1965, 1970, 1973, 1980, 1985, 1994, 1997, 1999-2000, 2004-2005, 2009, 2014, and 2017. The occupants of the Site addresses include commercial oil, which is considered to be a REC.

Similarly, the occupants of the addresses for adjoining properties consist mainly of private residences and various commercial and industrial buildings, including an 8-story hotel, a funeral home, auto repair, and waste paper storage facility. The industrial uses of the surrounding properties represents a REC for the Site. A copy of the City Directory Abstract is included in Appendix E.

4.4.3 Other Historical Information

Historical Aerial Photographs

Available historical aerial photographs provided from EDR were reviewed for this Environmental Site Assessment. Copies of historical aerial photographs are included in Appendix F of this report. A summary of the historical aerial photography is provided below.

Year	Site Comments	Surrounding Area Comments
1924	The Site appears to maintain low- to mid-rise structures.	The north-adjacent property appears to maintain low- to mid-rise structures. The east-adjacent property appears to maintain low- to mid-rise structures. The south-adjacent property appears to maintain mid-rise structures. The west-adjacent property appears to maintain low-rise structures.
1940	The Site configuration is not discernable on this aerial photograph.	The surrounding properties cannot be discerned on this aerial photograph.
1943	The Site appears to be redeveloped with several low-rise structures.	The north-adjacent property appears to maintain low- to mid-rise structures. The east-adjacent property appears to maintain low- to mid-rise structures. The south-adjacent property appears to maintain mid-rise structures. The west-adjacent property appears to maintain mid- rise structures.
1951-1966	There are no changes to the Site since the previous aerial photograph.	There are no changes to the surrounding properties since the previous aerial photograph.
1971	The eastern portion of the Site appears to be razed, and now maintains a parking lot.	There are no changes to the surrounding properties since the previous aerial photograph.
1974-1994	There are no changes to the Site since the previous aerial photograph.	There are no changes to the surrounding properties since the previous aerial photograph.
2006	There are no changes to the Site since the previous aerial photograph.	The east-adjacent property appears to be redeveloped with a high-rise building.
2009-2017	There are no changes to the Site since the previous aerial photograph.	There are no changes to the surrounding properties since the previous aerial photograph.

As indicated in the previous table, the western Site parcel (Lot 1) was developed with the current structure since at least 1943, and the eastern Site parcel (Lot 12) has been vacant since at least 1971. Lot 12 previously maintained a

smaller low-rise structure. Several additional low-rise structures were visible from at least 1943 to as recently as 1971. The adjacent properties appear to have consisted of several low- to mid-rise structures and a high-rise structure. No RECs can be discerned from these aerial photographs.

Historical Topographic Maps

Historical topographic maps of moderately to densely populated urban areas provide little or no useful information regarding the historical use of properties located within these areas. Rather, comprehensive historical use information for the Site and surrounding area was obtained and reviewed by Athenica as part of this Phase I ESA. These information sources include, at the minimum, Sanborn Fire Insurance maps, city directories and historical aerial photographs.

Other Historical Sources

According to the New York City Department of Finance's Automated City Register Information System (ACRIS), there are records of deeds for the property, dated January 4, 1972; March 11, 1977; July 10, 1985; April 8, 1986; August 19, 1986; August 30, 1989; and March 19, 1990.

The New York City Department of Buildings on-line information includes several certificates of occupancy stating the following:

Block 434, Lot 1 and Lot 12:

- October 18, 1940:
  - Parking and storage
- September 12, 1946
  - Cellar: Ordinary Use
  - First Floor: One Family
  - Second Floor: One Family
- December 23, 1946
  - Cellar: Ordinary Use
  - First Floor: Fish Store and Light Manufacturing
  - Second Floor: Two Fans
- October 23, 1947
  - First Floor: Office, Loading Platform, and Boiler Room
- May 14, 1997
  - First Floor: Open Parking for 42 Cars

4.5 Prior Reports and Agency Review Results

4.5.1 Prior Reports Review

No prior environmental report was provided for review.

4.5.2 Agency Review Results

Freedom of Information Act (FOIA) requests were submitted to the New York State Department of Environmental Conservation (NYSDEC), New York City Department of Health (NYCDOH), the New York City Fire Department (FDNY), and the New York City Department of Environmental Protection (NYCDEP) to perform a file review of

petroleum storage tanks and spills for the Site. The response from NYSDEC indicated that the Site was registered for petroleum bulk storage. However, the details of the registration were redacted, and not publicly available. Since several RECs have been identified through other means, the lack of any regulatory agency file review is unlikely to affect the outcome of this report. If responsive records are identified which alter the findings or conclusions of this report, Athenica will provide a written update. Athenica also received a response from the FDNY, who indicated that they were aware of two 275-gallon No. 2 fuel oil ASTs, and one 3,000-gallon AST. These tanks were observed in the partial cellar of the Site building. Copies of the FOIA requests and the NYSDEC and FDNY responses, can be found in Appendix H.

4.6 Vapor Encroachment Evaluation

The ASTM standard requires evaluating the movement of hazardous substances or petroleum products in any form, including vapor in the subsurface. Vapor migration was evaluated in accordance with the ASTM Standard E2600-15, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". Evaluation of vapor migration utilizing the aforementioned ASTM Standard indicated that vapor migration represents a REC.

Multiple potential Vapor Encroachment Conditions (pVECs) were identified, including the following:

- The historic industrial use of the Site, including fuel oil storage, fuel truck storage and maintenance, and various other petroleum-related operations;
- The historic industrial and auto service/gasoline station uses of surrounding properties, including several facilities with documented releases to soil vapor and groundwater;

Due to these historic uses of the Site and the surrounding properties, and the documented petroleum and VOC impacts to groundwater and soil vapor from off-Site spills, these pVECs are considered to be a REC for the Site. The evaluation of vapor migration is documented in Appendix I.

5.0 SITE RECONNAISSANCE

Athenica's representative, Mr. Evan Greenberg conducted the Site reconnaissance on June 7, 2022. The Site reconnaissance consisted of observing conditions throughout accessible areas of the Site building and around the perimeter of the Site. Photographs documenting conditions of the Site and surrounding area are included in Appendix B.

5.1 Interior & Exterior Description

The Site consists of two parcels comprising a total of 37,553 square-feet, fronting Union Street to the south, Third Avenue to the west, and Sackett Street to the north. The western parcel (Lot 1) is 21,055 square feet in area and is completely occupied by a 1-story industrial building. The eastern parcel (Lot 12) is 16,498 square feet in area, is undeveloped, and is currently utilized as a parking lot and storage yard. The Site building maintains a warehouse area and offices for a petroleum trucking and management company. Most of the building is slab-on grade, with a small partial cellar (approximately 500 square feet in area) located in the northeastern portion of the building. This portion of the building also maintains a mezzanine area, which is occupied by offices. The building is concrete block and brick construction, with concrete floors, brick and concrete block interior walls, concrete partial cellar, metal frame interior; and wood-frame roof. The office portion of the Site maintains tiled floors, plaster interior walls, and drop-tiled and plaster ceilings. The office area of the building is heated and cooled by a ducted natural gas-fired HVAC system with equipment on the roof. Portions of the building are also heated by a ducted No. 2 fuel oil-fired HVAC system with boiler and ASTs in the cellar. The office area is also cooled by individual electric wall-mounted air conditioners. The warehouse portion of the building is heated by overhead natural gas-fired unit heaters and a natural gas-fired ducted system; this portion of the building is not cooled. Solid waste generated by the building is removed regularly from the Site by private waste removal contractors for off-Site disposal. Wastewater and sewage from the building is discharged to the municipal sewer system for treatment at an off-Site wastewater treatment facility serving the community.

The current use of the Site is industrial. The building is occupied by a petroleum trucking and management company, which receives and transports petroleum (including lubricants, fuel oil and diesel fuel), as well as provides storage for waste oil, lubricants, and miscellaneous chemicals associated with the tenant business. Several trucks are stored and maintained inside the building, and others are stored on Lot 12. The western portion of the building maintains office space.

The north-adjacent properties maintain 1-, 2-, and 3-story industrial buildings. The east-adjacent property maintains an 8-story hotel. The west-adjacent property maintains a vacant lot, currently under redevelopment (most recently developed with a 1-story industrial building). The south-adjacent properties maintain a 2-story residential building, two 4-story residential buildings, a 1-story office building and warehouse, and a 4-story residential building.

5.2 Methodology and Limiting Conditions

The Site reconnaissance consisted of visual and/or physical observations of the Site and improvements; adjoining sites as viewed from the Site; and, the surrounding area based on visual observations made during the trip to and from the Site. Unimproved portions of the Site (if any) were observed along the perimeter and in a general grid pattern in safely accessible areas. Building exteriors (if any) were observed along the perimeter from the ground, unless described otherwise. Building interiors were observed as they were made safely accessible, unless described otherwise. Access to the roof of the building was not provided.

5.3 Hazardous Substance Use/Storage

Athenica observed evidence of hazardous substance use and storage at the Site. Several oil drums and ASTs were stored in both the building on Lot 1, and throughout the parking lot on Lot 12. A dispenser nozzle was observed near the entrance of the building and is presumably used to fill trucks with gasoline. Additionally, a suspicious steel plate was observed inside the building and is suspected to have an unregistered UST buried beneath. Additionally, multiple 55-gallon drums, some labeled “acetone” and “antifreeze” were observed in the parking lot.

5.4 Underground and Aboveground Storage Tanks

Athenica observed evidence of seven ASTs at the Site, three of which are located in the partial cellar. Two of these tanks are manifolded 500-gallon No. 2 fuel oil ASTs, and the third is, labeled as a 3,000-gallon No. 2 fuel oil tank, but is reportedly used to store diesel fuel.

Athenica also observed four additional 275-gallon ASTs throughout the first floor of the Site building. Three of these were located in the northern portion of the warehouse, and were not connected to any piping. Signage in the area indicated these tanks are for the storage of waste oil. The fourth 275-gallon AST is located in the central portion of the Site, and is labeled Mobil Delvac (a lubricant oil). All seven tanks appeared to be intact, though minor staining was observed at the locations of four of the tanks. Additionally, Athenica observed remote fill and vent pipes along the northern exterior wall of the Site building, a dispenser nozzle within the garage portion of the Site building, and a vent pipe consistent with a UST on the northern portion of the building roof. Athenica did not observe a UST, but it is suspected that one may be present. The Site is registered with NYSDEC for petroleum bulk storage, under PBS ID #2-601627. However, the EDR report, NYSDEC tank database listing, and NYSDEC FOIL response were redacted to block out the specifics of the listing for the registration (number and contents of tanks), and this information is therefore not publicly available.

5.5 Other Petroleum Products

Athenica observed a significant quantity of petroleum-based chemicals at the time of the Site inspection such as several ASTs, several dozen 55-gallon drums (many unlabeled), and a fuel dispenser associated with a diesel AST. Additionally, several drums labeled as storing waste oil were observed on Site. The eastern portion of the Site (Lot 12) is also used for the storage of multiple fuel oil delivery trucks. The ASTs and oil drums appeared to be in fair to good condition, however minor to moderate staining around the several storage tanks and drums was observed. Oil was observed in several open containers located throughout the building.

5.6 Polychlorinated Biphenyls (PCBs)

PCBs are toxic coolants or lubricating oils used in some electrical transformers, light ballasts, electrical panels or other similar equipment. Athenica observed that potential PCB-containing fluorescent light ballasts were utilized throughout the warehouse of the building. In addition, there were multiple electrical panels located within the warehouse and office portions of the building. Additionally, the current Site occupant stores various waste oils, some of which may contain PCBs.

5.7 Waste Generation, Storage and Disposal

Refuse generated at the Site is currently stored in the warehouse and is disposed as needed by a private waste removal contractor.

5.8 Septic Systems

Athenica did not observe evidence of any on-Site septic system at the Site.

5.9 Storm Water Management/Surface Areas

Athenica did not observe any evidence of surface water, surface impoundments or retention ponds at the Site.

5.10 Wells

Athenica did not observe evidence of production wells or monitoring wells at the Site or in the vicinity of the Site.

6.0 INTERVIEWS

6.1 Interview Summary

During the course of the Phase I ESA, despite reasonable attempts to conduct such interviews, no past owners and/or occupants were interviewed by Athenica as none were readily available. Athenica does not believe that any such past owners and/or occupants would have provided additional pertinent information regarding the potential for contamination at the Subject Property that was not already obtained from other sources over the course of this investigation.

In addition to the FOIA request submitted to the NYCDEP, Athenica interviewed NYCDEP personnel regarding the potential historic use of fuel oil at the Site and any potentially available boiler records contained in the NYCDEP Clean Air Tracking System (CATS). NYCDEP personnel identified boiler records for the Site under the CATS, including historic records for No. 2 fuel oil-fired boilers used at the Site.

Athenica also attempted to contact the FDNY; however, no response was provided within the timeframe of this investigation. Local officials within New York City are typically not available for interview during a reasonable timeframe and would not add value to the results of the Phase I as they do not typically have knowledge of individual sites.

7.0 ADDITIONAL SERVICES

7.1 Wetlands

No evaluation of wetlands was performed since such an evaluation is considered to be outside the scope of a Phase I ESA according to the ASTM standard (i.e., non-scope consideration).

7.2 Suspect Asbestos-Containing Material (ACM)

No evaluation of asbestos-containing building materials (ACMs) was performed since such an evaluation is considered to be outside the scope of a Phase I ESA according to the ASTM standard (i.e., non-scope consideration).

7.3 Radon

No evaluation of radon was performed since such an evaluation is considered to be outside the scope of a Phase I ESA according to the ASTM standard (i.e., non-scope consideration).

7.4 Lead Based Paint

No evaluation of lead-based paint was performed since such an evaluation is considered to be outside the scope of a Phase I ESA according to the ASTM standard (i.e., non-scope consideration).

7.5 Mold Observation

No evaluation of mold was performed since such an evaluation is outside the scope of a Phase I ESA according to the ASTM standard (i.e., non-scope consideration).

8.0 FINDINGS AND OBSERVATIONS

The following summarizes known or suspected environmental conditions in connection with the Site based on information collected during the ESA. For each condition, Athenica provides an opinion of the impact on the Site based on an evaluation of the results of record reviews, site reconnaissance and interviews as discussed in this report. Athenica also provides a conclusion and rationale regarding whether or not an environmental condition is a recognized environmental condition.

This assessment has revealed evidence of the following RECs in connection with the Site:

- The E-Designation for the Site represents a REC since it pertains to potential hazardous materials;
- The historic and current industrial, manufacturing, auto repair, and fuel oil storage/handling uses of the Site;
- The historic and/or current industrial, automotive service, and gasoline station uses of the surrounding properties;
- Open Spill Number 2009932 was reported on March 9, 2021, approximately 50 feet west of the Site at 585 Union Street. Investigations identified contamination in soil and groundwater;
- Open Spill Number 9605719 was reported on August 2, 1996, approximately 315 feet east of the Site at 204-222 4th Avenue. Investigations identified contamination in soil vapor and groundwater; and
- The potential for vapor intrusion from Site operations, and off-Site properties with documented releases to soil vapor and groundwater.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Athenica Environmental Services has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of 601 Union Street in the Borough of Brooklyn, New York (Block 434 and Lots 1 and 12). Any exceptions to, or deletions from, this practice are described in Section 10 of this report. This assessment has revealed evidence of the following RECs in connection with the Site.

- The E-Designation for the Site represents a REC since it pertains to potential hazardous materials;
- The historic and current industrial, manufacturing, auto repair, and fuel oil storage/handling uses of the Site;
- The historic and/or current industrial, automotive service, and gasoline station uses of the surrounding properties;
- Open Spill Number 2009932 was reported on March 9, 2021, approximately 50 feet west of the Site at 585 Union Street. Investigations identified contamination in soil and groundwater;
- Open Spill Number 9605719 was reported on August 2, 1996, approximately 315 feet east of the Site at 204-222 4th Avenue. Investigations identified contamination in soil vapor and groundwater; and
- The potential for vapor intrusion from Site operations, and off-Site properties with documented releases to soil vapor and groundwater.

Based on the findings of the Phase I ESA, Athenica recommends the following:

- A Phase II Investigation should be conducted to evaluate subsurface conditions as a result of the identified RECS. The Phase II should include, at minimum, the collection of soil and soil vapor samples beneath the Site;
- Any unregistered petroleum bulk storage tanks should be properly registered with the NYSDEC; and
- If redevelopment of the Site is planned, all “E” Designation requirements must be addressed to the satisfaction of OER.

10.0 DEVIATIONS AND DATA GAPS

In accordance with ASTM E1527-13 3.2.21, a Data Gap is defined as a lack of or inability to obtain information as required under the Standard during the Phase I process, despite a good faith effort by the Environmental Professional to gather this information. A Data Gap by itself is not inherently significant, but is only significant if other information and/or professional experience raises reasonable concerns. As per Section 12.7 of ASTM E1527-13, the Phase I ESA report must contain information pertaining to Data Gap(s) and evaluate their relative significance with respect to the Environmental Professional's ability to identify RECs.

The following Data Gaps were encountered and their relative significance is discussed as follows:

- Petroleum Bulk Storage Registration

  The Site is registered with NYSDEC for petroleum bulk storage, under PBS ID #2-601627. However, the EDR report, NYSDEC tank database listing, and NYSDEC FOIL response were redacted to block out the specifics of the listing for the registration (number and contents of tanks). Since petroleum storage on-Site (as observed during Site reconnaissance) is already considered to be a REC, regardless of tank registration status, this data gap is unlikely to alter the conclusions provided in this report due to the findings of other resource(s) obtained and is of low significance.

- Historical Site Source Interval

  A review of standard historical sources was not available to the time of first development or to a minimum of five-year intervals, as such sources are: (1) not reasonably ascertainable, or (2) past experience indicates that the sources are not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives of this Phase I ESA. This Data Gap is unlikely to alter the conclusions provided in this report due to the findings of other resource(s) obtained and is of low significance.

- Environmental Lien and Activity and Use Limitations (AULs) Record Review

  As per current ASTM standards, a search for the existence of environmental liens and AULs that are filed or recorded against a property being assessed must be conducted. In accordance with Section 6.2 of ASTM E1527-13, this practice does not impose on the Environmental Professional and, unless specifically added by a change in the scope of work, solely is the responsibility of the User. Any environmental liens and AULs known by a User must be reported to the Environmental Professional conducting a Phase I ESA. As of the date of this report, a search of environmental liens or AULs has not been provided to Athenica. This Data Gap is of low significance and is unlikely to alter the conclusions of this report due to the findings of other resource(s) obtained.

- Municipal Records Review

  As required by the current ASTM standards, FOIA requests were filed with applicable regulatory agencies to identify any available responsive records pertaining to the Site, its adjoining properties, or any pertinent surrounding properties that are identified in one or more of the standard environmental record sources. As of the date of this report, responsive records have not been returned from one or more of the regulatory agencies contacted. This Data Gap is of unknown significance, as it is unknown if potential responsive records identified will provide pertinent information with respect to REC(s), HREC(s), CREC(s), or de minimis condition(s) at the Site. If responsive information is provided by the regulatory agencies that changes the findings or conclusions of this report, Athenica will provide a written update.

Appendix A
Site Location Map

Image Provided By ESRI Street Map

Boundaries are approximate

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

SITE LOCATION MAP
601 UNION STREET
601 Union Street
Brooklyn, New York 11217

PREPARED FOR: Aniska Realty I
PROJ. MGR: Ken Wenz
DRAWN BY: Evan Greenberg
DATE: 7/1/2022
PROJ. #: 22-132-500

Appendix B
Site Photographs

View of a sprinkler connection at the Site.

View of fuel oil fill ports and vents along the northern side of the Site building.

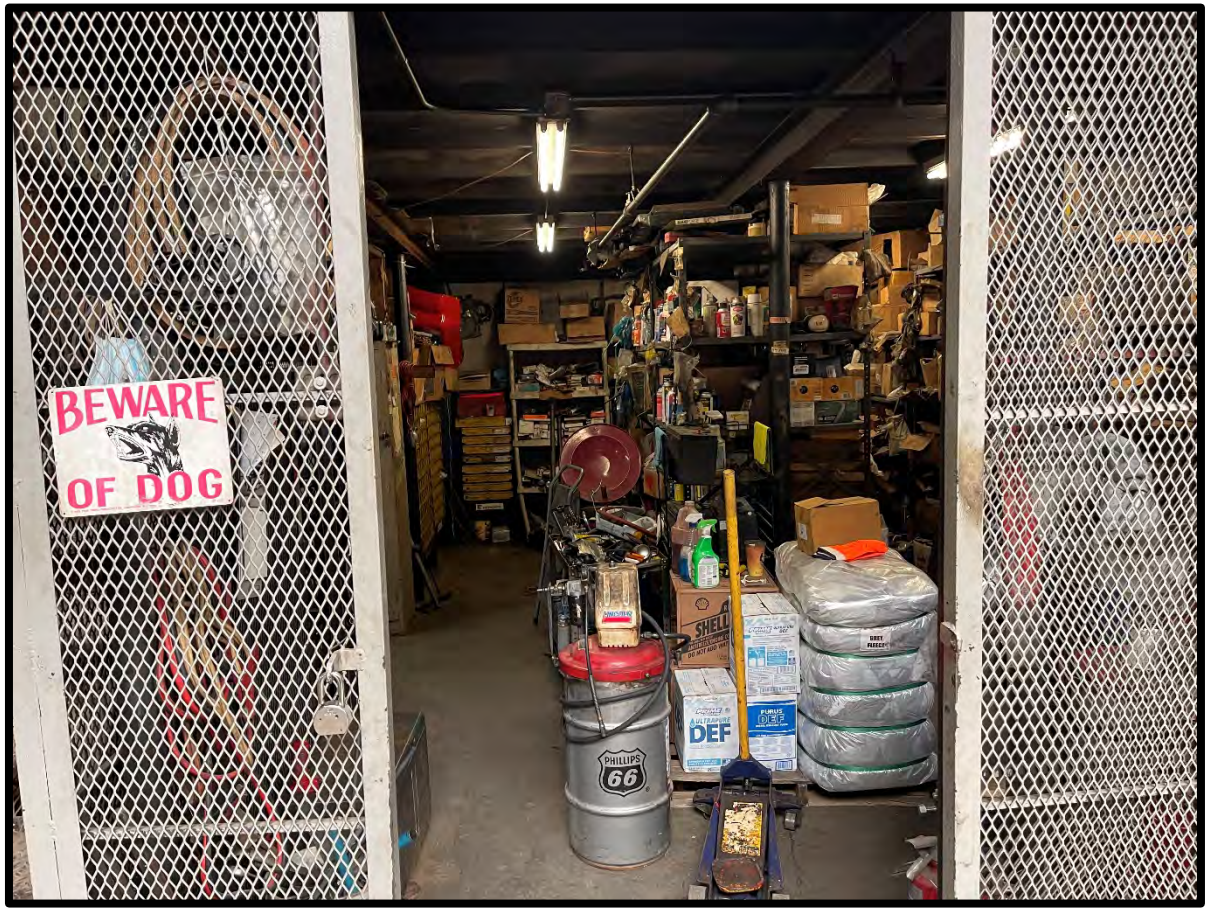
View of the a vent pipe located on the roof.

View of a 55-gallon drum stored in the Site parking lot.

View of an oil drum and fuel oil trucks in the parking lot.

View of a scrapped above ground storage tank stored in the Site parking lot.

View of multiple 55-gallon drums stored on-Site.



View of the Site workshop.

View of oil staining on the concrete floor.

View of an above ground storage tank stored on Site, in a waste-oil storage area.

View of multiple 55-gallon drums stored on Site.

View of waste-oil storage at the Site.

View of a steel plate, covering a portion of the Site in the north of the building.

View of the a dispenser nozzle.

View of a water heater in the bathroom.

View of a floor drain within the building garage.

View of the above ground storage tank.

View of multiple waste-oil containers.

View of waste-oil containers stored on-Site.

View of vehicle parts stored on Site.

View of water heaters within the Site building.

View of various 55-gallon containers located throughout the Site.

View of the two above ground storage tanks stored in the cellar.

View of debris stored in the Site cellar.

View of the office portion of the Site.

View of the office portion of the Site.

View of an unidentified feature in the concrete floor.

View of the west-adjacent property, currently under redevelopment.

View of the north-adjacent industrial properties.

View of the south-adjacent commercial and residential properties.

Appendix C
EDR Regulatory Database Report

601 Union Street
601 Union Street
Brooklyn, NY 11217

Inquiry Number: 7002364.2s
June 01, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	1355
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). ATHENICA ENV. SERVICES INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by ATHENICA ENV. SERVICES INC.. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

601 UNION STREET
BROOKLYN, NY 11217

COORDINATES

Latitude (North):	40.6785540 - 40ˆ 40' 42.79''
Longitude (West):	73.9849200 - 73ˆ 59' 5.71''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585786.2
UTM Y (Meters):	4503358.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019
West Map:	14317809 JERSEY CITY, NJ
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150729, 20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	A 2 Z ENVIRONMENTAL	601 UNION ST	FINDS, ECHO		TP
A2	A 2 Z ENVIRONMENTAL	601 UNION ST	RCRA NonGen / NLR		TP
A3	SJ FUEL CO. INC.	601 UNION STREET	NY TANKS		TP
A4	CON ED	617 UNION ST & 3RD A	NY MANIFEST	Higher	27, 0.005, SSE
A5	CON EDISON - UNION S	617 UNION STREET	PA MANIFEST, PA MANIFEST	Higher	28, 0.005, SSE
A6	NYCDEP	SACKETT ST & 3RD AVE	NY MANIFEST	Lower	35, 0.007, North
A7	CON EDISON	SACKETT ST & 3RD AVE	FINDS, ECHO, RCRA NonGen / NLR	Lower	35, 0.007, North
A8	CON EDISON	SACKETT ST & 3RD AVE	NJ MANIFEST, NJ MANIFEST	Lower	35, 0.007, North
A9	CON EDISON	617 UNION ST & 3RD A	FINDS, ECHO, RCRA NonGen / NLR	Lower	42, 0.008, WSW
A10	BELL ATLANTIC-NY	SACKETT & 3 AVE MANH	NY MANIFEST	Lower	43, 0.008, North
A11	CON EDISON - EXCAVAT	232 3RD AVE	RCRA-LQG	Lower	43, 0.008, NNW
A12	CON EDISON	232 3RD AVE	NY MANIFEST	Lower	43, 0.008, NNW
A13	UNION ST &	THIRD AVE	NY Spills	Lower	44, 0.008, WSW
A14	ZORRIANO ASSOCIATES	568 A UNION STREET	NY Spills	Higher	62, 0.012, South
A15	VACANT PROPERTY- PHA	607-615 SACKETT STRE	NY Spills	Higher	72, 0.014, ENE
A16	CON EDISON EXCAVATIO	251 3RD AVE	RCRA NonGen / NLR	Higher	83, 0.016, SSW
A17	CON EDISON	251 3RD AVE	NY MANIFEST	Higher	83, 0.016, SSW
A18	A. WILLIAMS CONSTRUC	225 3RD AVE	NY Spills	Higher	85, 0.016, NNE
A19	CONSTRUCTION SITE	601 - 615 SACKETT ST	NY Spills	Higher	91, 0.017, ENE
A20	CON EDISON SERVICE B	578 UNION ST	RCRA NonGen / NLR, NY MANIFEST	Higher	95, 0.018, South
A21	PARKSIDE AUTO CARE C	584 UNION ST	EDR Hist Auto	Higher	101, 0.019, SSE
B22	GROUND	615 SACKETT ST	NY Spills	Higher	104, 0.020, ENE
A23	3RD AVE YARD	222 3RD AVE	NY Spills	Higher	140, 0.027, North
B24	617 SACKETT STREET R	617 SACKETT STREET	NY UST	Higher	155, 0.029, East
C25	HOLYLAND AUTO REPAIR	637 UNION STREET	NY AST	Higher	168, 0.032, SE
D26	KLOR-DE CLEANERS	263 3RD AVENUE	NY DRYCLEANERS	Higher	187, 0.035, SW
D27	KLOR-DE CLEANERS	263 3RD AVE	EDR Hist Cleaner	Higher	187, 0.035, SW
E28	MATTHEWS INTERNATION	585 UNION ST	RCRA NonGen / NLR	Lower	200, 0.038, West
E29	COMMERCIAL	585 UNION STREET	NY Spills	Lower	200, 0.038, West
D30	RIDGE COMPLETE AUTO	264 THIRD AVENUE	NY AST	Higher	205, 0.039, SW
D31	KLOR-DE CLEANERS	546 UNION ST	EDR Hist Cleaner	Lower	214, 0.041, West
B32	SPILL NUMBER 0211682	612 DEGRAW ST	NY Spills	Higher	224, 0.042, ENE
D33	ABF FREIGHTS	545 PRESIDENT ST	NY Spills	Higher	233, 0.044, South
B34	RISE STONE AND SURFA	578 DEGRAW ST	NY Spills	Higher	233, 0.044, NNE
F35	563 SACKETT STREET	563 SACKETT STREET	NY BROWNFIELDS	Lower	259, 0.049, NNW
B36	COMMERCIAL PROPERTY	620 DEGRAW STREET	NY Spills	Higher	266, 0.050, ENE
B37	A SHAMOSH	620-628 DEGRAW STREE	NY UST, NY AST	Higher	266, 0.050, ENE
E38	585 UNION STREET	577-599 UNION STREET	NY BROWNFIELDS	Lower	271, 0.051, WNW
C39	CON EDISON SERVICE B	604 UNION ST	RCRA NonGen / NLR, NY MANIFEST	Higher	278, 0.053, SE

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	CON EDISON MANHOLE:	3RD AVE & DEGRAW ST	FINDS, ECHO, RCRA NonGen / NLR, NY MANIFEST	Higher	281, 0.053, NNE
C41	CONSOLIDATED EDISON	V5491-633 SACKETT ST	NY MANIFEST	Higher	287, 0.054, ESE
D42	PRESIDENT STREET &	THIRD AVE	NY Spills	Higher	297, 0.056, SW
B43	SEMPLE RIEGER CO	635 SACKETT ST	RCRA NonGen / NLR, ECHO, FINDS, NY MANIFEST	Higher	308, 0.058, East
B44	SERVICE BOX	635 SACKETT STREET	NY Spills	Higher	308, 0.058, East
C45	SB SERVICE BOX # 442	654 SACKETT STREET	NY Spills	Higher	332, 0.063, ESE
D46	CON EDISON	501 PRESIDENT ST	RCRA NonGen / NLR	Lower	333, 0.063, WSW
D47	CON EDISON	501 PRESIDENT ST	NJ MANIFEST, NJ MANIFEST	Lower	333, 0.063, WSW
D48	CON EDISON	501 PRESIDENT ST	NY MANIFEST	Lower	333, 0.063, WSW
B49	AJR (COMMERCIAL BLDG	599 DEGRAW ST	NY LTANKS	Higher	335, 0.063, NE
C50	PRIVATE DWELLING	651 UNION ST	NY Spills	Higher	337, 0.064, SE
H51	540 PRESIDENT STREET	540 PRESIDENT STREET	NY LTANKS	Higher	346, 0.066, South
D52	L.L.L. AUTO REPAIR I	528 PRESIDENT STREET	NY AST	Higher	352, 0.067, SSW
D53	276 3RD AVENUE	276 THIRD AVENUE	NY AST	Higher	373, 0.071, SW
F54	AUTO BODY CONCEPTS	549 SACKETT ST	ECHO, FINDS, RCRA NonGen / NLR, NY MANIFEST	Lower	392, 0.074, NW
C55	HESS CORPORATION	204222 4TH AVE	EDR Hist Auto	Higher	399, 0.076, ESE
C56	204 4TH AVENUE	204 4TH AVENUE	NY BROWNFIELDS	Higher	420, 0.080, ESE
C57	HESS STATION 32530	204-222 4TH AVENUE	NY Spills, NY LTANKS	Higher	420, 0.080, ESE
C58	HESS#32530	204-222 FOURTH AVE	FINDS, ECHO, RCRA-VSQG, US AIRS, NY MANIFEST	Higher	420, 0.080, ESE
C59	SPEEDWAY #7835 - PBS	204 - 222 4TH AVE	NY Spills	Higher	420, 0.080, ESE
C60	SPEEDWAY # 7835	204-222 FOURTH AVENU	NY UST	Higher	420, 0.080, ESE
I61	PRESIDENT STREET	BETWEEN 3RD AVENUE/N	NY Spills	Lower	422, 0.080, WSW
J62	CON EDISON	226 4TH AVE	PA MANIFEST, PA MANIFEST	Higher	432, 0.082, SE
J63	MERIT GASOLINE STATI	210 4TH AVE	EDR Hist Auto	Higher	436, 0.083, ESE
J64	B M T STOP DRY CLEAN	230 4TH AVE STE B	EDR Hist Cleaner	Higher	440, 0.083, SE
F65	A & A BRAKE CO INC	560 SACKETT STREET	NY UST	Lower	443, 0.084, NW
F66	A & A BRAKE CO INC	560 SACKETT STREET	NY AST	Lower	443, 0.084, NW
J67	4TH & SACKETT STREET	4TH & SACKETT STREET	NY LTANKS	Higher	447, 0.085, ESE
I68	CON EDISON	284 THIRD AVE	NY MANIFEST	Higher	447, 0.085, SW
I69	CON EDISON	284 3RD AVE	NY MANIFEST	Higher	447, 0.085, SW
I70	473 PRESIDENT LLC -	514 UNION ST	RCRA-LQG	Lower	455, 0.086, West
I71	514 UNION STREET	514 UNION STREET	NY BROWNFIELDS	Lower	455, 0.086, West
K72	76 5TH AVE HOUSING D	621 DEGRAW ST	EDR Hist Auto	Higher	459, 0.087, ENE
J73	NYCT - UNION STATION	UNION ST & 4TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	478, 0.091, SE
J74	UNION ST STATION-NYC	UNION ST/4TH AV	NY Spills	Higher	478, 0.091, SE
L75	BIG CITY AUTO PARTS	196 4TH AVE	NY Spills	Higher	483, 0.091, East
G76	280 DOUGLAS ST/PENSK	280 DOUGLAS ST/PENSK	NY LTANKS	Higher	492, 0.093, NNE
G77	RYDER TRUCK RENTAL I	280 DOUGLAS ST	RCRA NonGen / NLR, ECHO, FINDS, NY MANIFEST	Higher	492, 0.093, NNE
G78	RYDER TRUCK RENTAL,	280 DOUGLASS STREET	NY UST	Higher	492, 0.093, NNE

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G79	280 DOUGLAS ST	280 DOUGLAS STREET	NY LTANKS, NY Spills	Higher	492, 0.093, NNE
H80	PROCIDA REALTY	505 CARROLL STREET	NY Spills	Higher	497, 0.094, SSW
H81	505 CARROLL ST.	505 CARROLL STREET	NY AST	Higher	497, 0.094, SSW
H82	CON EDISON	511 CARROLL ST	ECHO, FINDS, RCRA NonGen / NLR	Higher	498, 0.094, South
H83	CON EDISON	511 CARROLL ST	NY MANIFEST	Higher	498, 0.094, South
H84	CON EDISON	511 CARROLL ST	NJ MANIFEST, NJ MANIFEST	Higher	498, 0.094, South
M85	537 SACKETT STREET	537 SACKETT STREET	NY Spills	Lower	522, 0.099, NW
M86	ADAMS BOOK CO. INC.	537 SACKETT ST	NY TANKS	Lower	522, 0.099, NW
M87	PARK SLOPE PAINT STR	553 UNION ST	RCRA-SQG, NJ MANIFEST, NY MANIFEST	Lower	524, 0.099, WNW
J88	UNION STREET SUBWAY	UNION ST/4TH AV	NY Spills	Higher	526, 0.100, SE
I89	JO-LEE TRUCKING	463 CARROLL ST	RCRA NonGen / NLR	Lower	529, 0.100, SW
J90	CON EDISON MANHOLE:	4TH & UNION AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	529, 0.100, SE
L91	VAULT #5491	SACKETT ST & 4TH AVE	NY Spills	Higher	538, 0.102, ESE
K92	RINALDI RECYCLING CO	182 4TH AVE.	NY SWF/LF	Higher	538, 0.102, East
I93	LINDA TOOL & DIE COR	459 CARROLL ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	547, 0.104, SW
K94	EMPTY LOT	639 DEGRAW STREET	NY Spills	Higher	550, 0.104, East
I95	CON EDISON - SERVICE	484 PRESIDENT ST	RCRA-LQG	Lower	557, 0.105, WSW
I96	CON EDISON - SERVICE	484 PRESIDENT ST	NY MANIFEST	Lower	557, 0.105, WSW
K97	RINALDI RECYCLING CO	326 DOUGLASS STREET	NY SWRCY	Higher	564, 0.107, ENE
M98	SOUTH BROOKLYN REALT	301 NEVINS STREET	NY UST	Lower	575, 0.109, WNW
M99	NICKS UNION NEVINS A	301 NEVINS ST	EDR Hist Auto	Lower	575, 0.109, WNW
M100	SANDY FOLLOW UP	287 NEVINS ST	NY Spills	Lower	575, 0.109, WNW
I101	473 PRESIDENT STREET	473 PRESIDENT STREET	NY BROWNFIELDS	Lower	588, 0.111, West
I102	473 PRESIDENT STREET	473 PRESIDENT ST	RCRA-LQG	Lower	588, 0.111, West
I103	473 PRESIDENT STREET	473 PRESIDENT STREET	NY MANIFEST, NY BROWNFIELDS, NY LTANKS	Lower	588, 0.111, West
L104	CONSTRUCTION SITE	207 4TH AVE	NY Spills	Higher	590, 0.112, ESE
H105	CON EDISON	DENTON ST & CARROLL	FINDS, ECHO, RCRA NonGen / NLR	Higher	592, 0.112, South
H106	CON EDISON	DENTON ST & CARROLL	NY MANIFEST	Higher	592, 0.112, South
H107	CON EDISON	DENTON ST & CARROLL	NJ MANIFEST, NJ MANIFEST	Higher	592, 0.112, South
I108	REGULATOR R-22	NEVIN & PRESIDENT ST	NY Spills	Lower	596, 0.113, West
K109	LESLIE & BROTHERS SE	164 4TH AVE	NJ MANIFEST, NJ MANIFEST	Higher	600, 0.114, ENE
K110	BP AMOCO STATION #38	164 4TH AVE	NY Spills	Higher	600, 0.114, ENE
K111	BP PRODUCTS NORTH AM	164 4TH AVE	RCRA-VSQG, FINDS, NY MANIFEST	Higher	600, 0.114, ENE
K112	LESLIE AND BROTHERS	164 4TH AVE	EDR Hist Auto	Higher	600, 0.114, ENE
K113	BP SERVICE STATION #	164 FOURTH AVENUE	NY UST	Higher	600, 0.114, ENE
M114	FULTON MUNICIPAL WOR	NEVINS, DEGRAW AND S	EDR MGP	Lower	605, 0.115, NW
M115	FULTON WORKS	DEGRAW STREET AND NE	EDR MGP	Lower	607, 0.115, NW
I116	RESTURANT/RESIDENCE	451 CARROLL ST	NY Spills	Lower	607, 0.115, WSW
I117	CON EDISON	451 CARROLL ST FRONT	NJ MANIFEST, NJ MANIFEST	Lower	607, 0.115, WSW

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601 UNION STREET
BROOKLYN, NY 11217

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I118	CON EDISON	451 CARROLL ST FRONT	NY MANIFEST	Lower	607, 0.115, WSW
I119	CON EDISON	451 CARROLL ST FRONT	RCRA NonGen / NLR	Lower	607, 0.115, WSW
N120	ROMAN CATHOLIC CHURC	522 CARROLL ST	NY UST	Higher	621, 0.118, South
O121	PRESIDENT STREET POR	469 PRESIDENT STREET	NY BROWNFIELDS	Lower	621, 0.118, West
P122	D GAVER & SONS INC	267 DOUGLASS ST	NY UST, NY LTANKS	Lower	623, 0.118, North
N123	P.S. 372 (OUR LADY O	512 CARROLL STREET	NY UST	Higher	624, 0.118, South
N124	P.S. 372 (OUR LADY O	512 CARROLL STREET	NY AST	Higher	624, 0.118, South
N125	PUBLIC SCHOOL	512 CARROLL ST	NY LEAD, NY Spills	Higher	624, 0.118, South
N126	PS 418 K SCHOOL	512 CARROLL ST	RCRA-LQG, ECHO, FINDS, NY MANIFEST	Higher	624, 0.118, South
Q127	CON EDISON	315 DOUGLASS ST SB13	NJ MANIFEST, NJ MANIFEST	Higher	624, 0.118, NE
Q128	CON EDISON	315 DOUGLASS ST SB13	NJ MANIFEST, NJ MANIFEST	Higher	624, 0.118, NE
Q129	CON EDISON	315 DOUGLASS ST SB13	NY MANIFEST	Higher	624, 0.118, NE
Q130	CON EDISON	315 DOUGLASS ST SB13	NY MANIFEST	Higher	624, 0.118, NE
Q131	CON EDISON	315 DOUGLASS ST SB13	FINDS, ECHO, RCRA NonGen / NLR	Higher	624, 0.118, NE
Q132	CON EDISON	315 DOUGLASS ST SB13	RCRA NonGen / NLR	Higher	624, 0.118, NE
P133	CON EDISON	191 3RD AVE	RCRA NonGen / NLR	Higher	630, 0.119, NNE
P134	ELECTRIC SWITCHBOARD	185 THIRD AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	633, 0.120, NNE
P135	CON EDISON SERVICE B	265 DOUGLAS ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	634, 0.120, North
P136	DOUGLASS STREET AND	NEVIS STREET AND 3RD	NY Spills	Lower	641, 0.121, North
I137	CON EDISON	443 CARROLL ST	FINDS, ECHO, RCRA NonGen / NLR	Lower	643, 0.122, WSW
I138	CON ED	443 CARROLL ST	NY MANIFEST	Lower	643, 0.122, WSW
R139	MANHOLE 2545	468 CARROLL ST	NY Spills	Lower	651, 0.123, SW
S140	CON EDISON	237 4TH AVE	PA MANIFEST, PA MANIFEST	Higher	654, 0.124, SSE
O141	CRUSADER CANDLE CO I	325 NEVINS ST	FINDS, ECHO, RCRA-SQG, NY MANIFEST	Lower	678, 0.128, West
O142	325 NEVINS STREET	325 NEVINS STREET	NY LTANKS	Lower	678, 0.128, West
O143	CRUSADER CANDLE CO I	325 NEVINS ST	NJ MANIFEST, NJ MANIFEST	Lower	678, 0.128, West
R144	CON EDISON - SERVICE	302 3RD AVE	NY MANIFEST	Lower	683, 0.129, SW
R145	CON EDISON - SERVICE	302 3RD AVE	RCRA-LQG	Lower	683, 0.129, SW
N146	CON EDISON MANHOLE:	540 CARROLL ST	RCRA NonGen / NLR	Higher	686, 0.130, South
N147	CON EDISON	540 CARROLL ST	NY MANIFEST	Higher	686, 0.130, South
L148	CON EDISON	664 DEGRAW ST	RCRA NonGen / NLR	Higher	687, 0.130, East
L149	CON EDISON	664 DEGRAW ST	NJ MANIFEST, NJ MANIFEST	Higher	687, 0.130, East
L150	CON EDISON	664 DEGRAW ST	NY MANIFEST	Higher	687, 0.130, East
M151	CHATHAM CLEANERS INC	280 NEVINS STREET	US AIRS, ICIS, FINDS, ECHO, RCRA NonGen / NLR, NY...	Lower	689, 0.130, WNW
M152	CHATHAM CLEANERS	280 NEVINS ST	NY DRYCLEANERS	Lower	689, 0.130, WNW
S153	NYCDOT BRIDGE BIN 22	PRESIDENT ST BRG OVE	RCRA NonGen / NLR	Higher	699, 0.132, SSE
M154	FULTON WORKS	DEGRAW STREET AND NE	NY VCP	Lower	704, 0.133, NW
M155	CON ED	DEGRAW & NEVINS AVE	NY MANIFEST	Lower	704, 0.133, NW
K156	MARCELINO ALMONTE M	164 4TH AVE & DOUGLA	RCRA NonGen / NLR, ECHO, FINDS	Higher	709, 0.134, ENE

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S157	CON EDISON	586 PRESIDENT ST	NY MANIFEST	Higher	712, 0.135, SSE
M158	ADMIRAL METALS	270 NEVINS STREET	NY AST	Lower	721, 0.137, NW
M159	ADMIRAL METALS	270 NEVINS STREET	NY UST	Lower	721, 0.137, NW
T160	543 UNION STREET	543 UNION STREET	NY AST	Lower	724, 0.137, WNW
U161	CON EDISON	4TH AVE & DOUGLASS S	RCRA NonGen / NLR, FINDS, ECHO	Higher	729, 0.138, ENE
M162	FULTON MUNICIPAL WOR	NEVINS, DEGRAW & SAC	NY VCP	Lower	732, 0.139, NW
S163	243 DEVELOPMENT LLC	243-245 4TH AVE	NY MANIFEST	Higher	734, 0.139, SSE
S164	245 4TH AVENUE LLC	243-245 4TH AVE	RCRA NonGen / NLR, ECHO, FINDS	Higher	734, 0.139, SSE
S165	241 - 245 4TH AVENUE	245 4TH AVENUE	NY VCP	Higher	737, 0.140, SSE
S166	L&B AUTO REPAIR CORP	245 4TH AVENUE	NY AST	Higher	737, 0.140, SSE
Q167	CON EDISON	298 BUTLER ST	RCRA NonGen / NLR, ECHO, FINDS	Higher	737, 0.140, NNE
Q168	CON EDISON	298 BUTLER ST	NY MANIFEST	Higher	737, 0.140, NNE
Q169	CON EDISON	298 BUTLER ST	NJ MANIFEST, NJ MANIFEST	Higher	737, 0.140, NNE
N170	CON EDISON	CARROLL ST & 4TH AVE	FINDS, ECHO, RCRA NonGen / NLR	Higher	738, 0.140, SSE
N171	272 4TH AVENUE	272 4TH AVENUE	NY BROWNFIELDS, NY Spills	Higher	740, 0.140, South
R172	CON EDISON	450 CARROL ST	NY MANIFEST	Lower	741, 0.140, WSW
N173	AUTO BODY CONCEPTS D	270 4TH AVE	RCRA NonGen / NLR	Higher	743, 0.141, SSE
Q174	CON EDISON - MANHOLE	314 BUTLER ST	FINDS, RCRA-LQG, ECHO, NY MANIFEST	Higher	749, 0.142, NE
V175	CON EDISON	688 SACKET ST	NY MANIFEST	Higher	768, 0.145, ESE
V176	CON EDISON	688 SACKETT ST	NY MANIFEST	Higher	769, 0.146, ESE
V177	CON EDISON	688 SACKETT ST	NY MANIFEST	Higher	769, 0.146, ESE
M178	CON EDISON - MANHOLE	505 SACKETT ST	RCRA-LQG, NY MANIFEST	Lower	771, 0.146, NW
R179	FINEST AUTO & RECOVE	310 3RD AVE	FINDS, RCRA NonGen / NLR, ECHO	Lower	782, 0.148, SW
O180	VERIZON NEW YORK INC	318 NEVINS STREET	NY UST	Lower	787, 0.149, West
O181	NEW YORK TELEPHONE C	318 NEVINS ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	787, 0.149, West
O182	VERIZON NEW YORK INC	318 NEVINS STREET	NY AST	Lower	787, 0.149, West
O183	NEVIN ST GARAGE	318 NEVINS ST	NY Spills, NY LTANKS	Lower	787, 0.149, West
N184	MTA NYCT - 4TH AVE G	276 4TH AVE	RCRA-SQG	Higher	795, 0.151, SSE
O185	318 NEVINS STREET	300-344 NEVINS STREE	NY BROWNFIELDS	Lower	795, 0.151, West
R186	CLARIN TRUCK LEASING	312 3RD AVE	NY UST	Lower	824, 0.156, SW
W187	242 NEVINS STREET	242 NEVINS STREET	NY BROWNFIELDS, NY Spills	Lower	826, 0.156, NNW
W188	CROSSBAY BAY CONTRAC	242 NEVINS ST	RCRA NonGen / NLR	Lower	826, 0.156, NNW
W189	CROSS BAY CONTRACTIN	242 NEVINS ST.	NY SWF/LF	Lower	826, 0.156, NNW
W190	ROYAL RECYCLING CORP	242 NEVINS STREET	NY SWF/LF	Lower	826, 0.156, NNW
X191	CON EDISON	318 3RD AVE FRONT OF	NY MANIFEST	Lower	843, 0.160, SW
S192	CON ED	255 4TH AVE	NY MANIFEST	Higher	847, 0.160, SSE
S193	CON EDISON	255 4TH AVE	RCRA NonGen / NLR	Higher	847, 0.160, SSE
S194	CON EDISON	255 4TH AVE	NJ MANIFEST, NJ MANIFEST	Higher	847, 0.160, SSE
Y195	CON EDISON	CARROLL ST & NEVINS	RCRA NonGen / NLR, ECHO, FINDS	Lower	848, 0.161, WSW

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Y196	CON EDISON	CARROLL ST AND NEVIN	NY MANIFEST	Lower	848, 0.161, WSW
Y197	CON EDISON	CARROLL ST & NEVINS	NY MANIFEST	Lower	848, 0.161, WSW
Y198	CON EDISON - TRANSFO	CARROLL ST & NEVINS	RCRA-LQG	Lower	848, 0.161, WSW
Y199	CON ED	CARROLL ST & NEVINS	NY MANIFEST	Lower	848, 0.161, WSW
Y200	CON EDISON	CARROLL ST & NEVINS	NJ MANIFEST, NJ MANIFEST	Lower	848, 0.161, WSW
Y201	CON EDISON	CARROLL ST & NEVINS	NY MANIFEST	Lower	848, 0.161, WSW
Y202	CON EDISON - TRANSFO	CARROLL ST & NEVINS	NJ MANIFEST, NJ MANIFEST	Lower	848, 0.161, WSW
X203	CON EDISON	319 3 AVE	NY MANIFEST	Lower	853, 0.162, SSW
T204	NYSDOT UNION ST BRID	UNION ST BRG - GOWAN	RCRA NonGen / NLR	Lower	854, 0.162, WNW
W205	DOUGLAS & DEGRAW	NEVINS ST, DOUGLAS S	NY CBS, NY CBS AST	Lower	862, 0.163, NNW
S206	2 FAMILY HOUSE	557 CARROLL ST	NY AST	Higher	862, 0.163, SSE
Z207	SHERWIN-WILLIAMS #52	313 BUTLER ST	RCRA NonGen / NLR	Higher	870, 0.165, NNE
Z208	SHERWIN-WILLIAMS #52	313 BUTLER ST	NY MANIFEST	Higher	870, 0.165, NNE
Z209	SUDANCO GAS STATION,	169 THIRD AVENUE	NY UST	Higher	883, 0.167, NNE
Z210	DICENT SERVICE STATI	169 3RD AVE	FINDS, RCRA NonGen / NLR, ICIS, ECHO	Higher	883, 0.167, NNE
X211	CONSOLIDATED EDISON	3RD AVE & 1ST STREET	NY MANIFEST	Lower	895, 0.170, SW
U212	NYCDEP	4TH AVE & 2ND ST	NY MANIFEST	Higher	901, 0.171, ENE
AA213	CON EDISON SERVICE B	9 GARFIELD ST	FINDS, RCRA NonGen / NLR	Higher	908, 0.172, SSE
AA214	CON EDISON	9 GARFIELD ST	NY MANIFEST	Higher	908, 0.172, SSE
AA215	566 CARROLL STREET	566 CARROLL STREET	NY VCP	Higher	912, 0.173, SSE
AB216	CON EDISON	221 1ST	RCRA NonGen / NLR	Higher	913, 0.173, SSW
AB217	CON EDISON	221 1ST	NY MANIFEST	Higher	913, 0.173, SSW
AB218	CON EDISON	221 1ST ST	RCRA NonGen / NLR	Higher	913, 0.173, SSW
AB219	CON EDISON	221 1ST ST	NY MANIFEST, NY Spills	Higher	913, 0.173, SSW
AC220	CON EDISON - NEVINS	265 BUTLER ST	RCRA-LQG, NJ MANIFEST, NY MANIFEST	Lower	916, 0.173, North
AD221	TANKS TO U	233 NEVINS ST	FINDS, RCRA NonGen / NLR, ECHO	Lower	922, 0.175, North
AD222	233 NEVINS STREET PH	233 NEVINS STREET	NY VCP	Lower	922, 0.175, North
AE223	CON EDISON	292 4TH AV	NY MANIFEST	Higher	937, 0.177, South
AE224	CON EDISON	292 4TH AV	NY MANIFEST	Higher	937, 0.177, South
AA225	LOT 67,TAXBLOCK 961	15 GARFIELD PLACE	NY MANIFEST, NY E DESIGNATION	Higher	942, 0.178, SSE
AB226	TM439	222 1ST STREET	RCRA NonGen / NLR, NY MANIFEST	Higher	952, 0.180, SSW
AB227	CON EDISON - 3RD AVE	222 1ST ST	RCRA-LQG, NJ MANIFEST	Higher	952, 0.180, SSW
AB228	CON EDISON	222 1ST ST	NY MANIFEST	Higher	952, 0.180, SSW
AB229	CON EDISON	222 FIRST ST	NY MANIFEST	Higher	952, 0.180, SSW
AB230	THIRD AVENUE YARD	222 FIRST STREET	NY BROWNFIELDS	Higher	952, 0.180, SSW
AB231	CONSOLIDATED EDISON	222 FIRST STREET	NY MANIFEST	Higher	952, 0.180, SSW
AB232	CONSOLIDATED EDISON	222 FIRST ST	NY MANIFEST	Higher	952, 0.180, SSW
AB233	3RD AVE FLUSH TRUCK	222 FIRST STREET	NY SWF/LF	Higher	952, 0.180, SSW
AB234	CON ED	222 1 ST	NY MANIFEST	Higher	952, 0.180, SSW

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AB235	CONSOLIDATED EDISON	222 1ST ST	NY MANIFEST	Higher	952, 0.180, SSW
AB236	CON EDISON	222 FIRST ST	NY MANIFEST	Higher	952, 0.180, SSW
AB237	CON EDISON - OTHER -	222 1 ST	RCRA-LQG	Higher	952, 0.180, SSW
AB238	THIRD AVENUE YARD	222 FIRST STREET	NY Spills, NY TANKS	Higher	952, 0.180, SSW
AF239	CON EDISON SERVICE B	368 DOUGLASS ST	RCRA NonGen / NLR, NY MANIFEST	Higher	956, 0.181, East
U240	CON EDISON	363-365 DOUGLAS ST	NY MANIFEST	Higher	958, 0.181, ENE
Y241	GOWANUS VILLAGE I, L	420 CARROLL STREET	NY BROWNFIELDS, NY Spills	Lower	958, 0.181, WSW
U242	350 BUTLER STREET	350 BUTLER STREET	NY UST	Higher	967, 0.183, ENE
AA243	269-271 4TH AVENUE	271 4TH AVENUE	NY VCP	Higher	1014, 0.192, South
AF244	CON EDISON SERVICE B	675 DEGRAW ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1017, 0.193, East
Z245	MAXIMUM DISTRIBUTORS	151-169 3RD AVE	NY LTANKS	Higher	1019, 0.193, NNE
Y246	CON EDISON - MANHOLE	408 CARROL ST	RCRA-LQG	Lower	1022, 0.194, WSW
Y247	CON EDISON	408 CARROL ST	NY MANIFEST	Lower	1022, 0.194, WSW
AA248	CON EDISON SERVICE B	12 GARFIELD PL	RCRA NonGen / NLR	Higher	1028, 0.195, SSE
AD249	GOWANUS CSO - CP-1	NEVINS ST & BUTLER S	RCRA-LQG	Lower	1029, 0.195, North
AG250	CON EDISON	577 CARROLL ST	NY MANIFEST	Higher	1035, 0.196, SE
AG251	CON EDISON	577 CARROLL ST	NJ MANIFEST, NJ MANIFEST	Higher	1035, 0.196, SE
AG252	CON EDISON	577 CARROLL ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1035, 0.196, SE
AH253	CHOCK FULL O'NUTS CO	588 BALTIC STREET	NY AST	Higher	1050, 0.199, NE
AA254	CON EDISON	584 CARROLL ST	NY MANIFEST	Higher	1054, 0.200, SSE
AA255	CON EDISON	584 CARROLL ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1054, 0.200, SSE
AC256	CON EDISON	526 BALTIC ST	NY MANIFEST	Lower	1055, 0.200, North
AC257	CON EDISON	526 BALTIC ST	NJ MANIFEST, NJ MANIFEST	Lower	1055, 0.200, North
AC258	CON EDISON	526 BALTIC ST	FINDS, ECHO, RCRA NonGen / NLR	Lower	1055, 0.200, North
AA259	275 4TH AVENUE INVES	275 4TH AVENUE	PA MANIFEST, PA MANIFEST	Higher	1058, 0.200, South
AA260	275 FOURTH AVENUE DE	275 4TH AVE	RCRA-LQG	Higher	1058, 0.200, South
AA261	275 4TH AVE INVESTOR	275 4TH AVE	NY MANIFEST	Higher	1058, 0.200, South
AA262	275 4TH AVENUE	275 4TH AVENUE	NY VCP	Higher	1058, 0.200, South
AA263	NORTH PETROLEUM CORP	275 FOURTH AVE	NY UST, NY AST	Higher	1058, 0.200, South
AI264	GOWANUS CANAL NORTHS	495-505 SACKETT STRE	NY UST	Lower	1059, 0.201, NW
AH265	126 4TH AVENUE - MIS	126 4TH AVENUE	NY LTANKS	Higher	1064, 0.202, NE
AH266	NORTHLAND MARKETING	126 4TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1064, 0.202, NE
AH267	NORTHLAND MARKETING	126 FOURTH AVENUE	NY UST	Higher	1064, 0.202, NE
AI268	BAYSIDE FUEL OIL DEP	510 SACKETT ST	NY MOSF, NY Spills	Lower	1065, 0.202, WNW
AI269	BAYSIDE FUEL OIL DEP	510 SACKETT ST.	NY MOSF UST	Lower	1065, 0.202, WNW
AI270	BAYSIDE FUEL OIL DEP	510 SACKETT ST	RCRA NonGen / NLR, HIST FTTS, FTTS, NY MANIFEST,...	Lower	1065, 0.202, WNW
AJ271	CON EDISON MANHOLE:	3RD AVE & BALTIC ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1067, 0.202, NNE
AG272	CON EDISON	586 CARROL ST	NJ MANIFEST, NJ MANIFEST	Higher	1070, 0.203, SSE
AG273	CON EDISON	586 CARROL ST	NY MANIFEST	Higher	1070, 0.203, SSE

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AG274	CON EDISON	586 CARROL ST	FINDS, RCRA NonGen / NLR, ECHO	Higher	1070, 0.203, SSE
AC275	BALTIC RECYCLING COR	524-26 BALTIC STREET	NY SWF/LF	Lower	1075, 0.204, North
AC276	NYCDEP	524 BALTIC ST	NY MANIFEST	Lower	1075, 0.204, North
AC277	NEVINS STREET SUBSTA	223 NEVINS STREET	NY AST	Lower	1093, 0.207, North
AC278	CON EDISON	223 NEVINS ST	RCRA NonGen / NLR	Lower	1093, 0.207, North
AG279	CON EDISON	590 CARROLL ST	FINDS, ECHO, RCRA NonGen / NLR	Higher	1102, 0.209, SSE
AG280	CON EDISON	590 CARROLL ST	NJ MANIFEST, NJ MANIFEST	Higher	1102, 0.209, SSE
AG281	CON EDISON	590 CARROLL ST	NY MANIFEST	Higher	1102, 0.209, SSE
AK282	NYCDEP	210 DOUGLAS ST	NY MANIFEST, NY Spills	Lower	1103, 0.209, NW
AK283	GOWANUS CANAL	BUTLER ST (BETWEEN B	PRP, NPL, US INST CONTROLS, US ENG CONTROLS,...	Lower	1108, 0.210, NNW
284	CON EDISON SERVICE B	726 SACKETT ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1116, 0.211, ESE
AJ285	CON EDISON SERVICE B	551 BALTIC ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1117, 0.212, NNE
AD286	PETROLEUM TANK CLEAN	236 BUTLER STREET	NY AST	Lower	1118, 0.212, NNW
AD287	PETROLEUM TANK CLEAN	236 BUTLER ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1118, 0.212, NNW
AD288	PETROLEUM TANK CLEAN	236 BUTLER STREET	NY UST	Lower	1118, 0.212, NNW
AD289	233 NEVINS STREET	236 BUTLER STREET	NY VCP	Lower	1118, 0.212, NNW
AA290	CON EDISON	22 GARFIELD ST	NY MANIFEST	Higher	1119, 0.212, SSE
AA291	CON EDISON	22 GARFIELD ST	ECHO, FINDS, RCRA NonGen / NLR	Higher	1119, 0.212, SSE
AA292	CON EDISON	22 GARFIELD ST	NJ MANIFEST, NJ MANIFEST	Higher	1119, 0.212, SSE
AK293	GOWANUS CANAL SITE	GOWANUS CANAL	NY SHWS	Lower	1121, 0.212, NNW
AF294	CON EDISON - SERVICE	385 DOUGLASS ST	NY MANIFEST	Higher	1124, 0.213, East
AE295	MAACO AUTO PAINTING	296 4TH AVE & 1ST ST	FINDS, RCRA NonGen / NLR, ECHO, NY MANIFEST	Higher	1128, 0.214, South
AD296	234 BUTLER STREET	234 BUTLER STREET	NY BROWNFIELDS	Lower	1129, 0.214, NNW
AD297	SANITATION REPAIRS,	234 BUTLER STREET	NY AST	Lower	1129, 0.214, NNW
AA298	CON EDISON - SERVICE	255 1ST ST	NY MANIFEST	Higher	1133, 0.215, SSE
AL299	P.S. 133	375 BUTLER STREET	NY AST	Higher	1140, 0.216, ENE
AL300	PUBLIC SCHOOL 133 -	375 BUTLER STREET	NY AST	Higher	1140, 0.216, ENE
AM301	450 UNION LLC	450 UNION ST	NJ MANIFEST, NJ MANIFEST	Lower	1142, 0.216, WNW
AM302	450 UNION STREET	450 UNION STREET	NY INST CONTROL, NY ENG CONTROLS, NY BROWNFIELDS	Lower	1142, 0.216, WNW
AM303	450 UNION STREET	450 UNION STREET	NY UST	Lower	1142, 0.216, WNW
AM304	450 UNION LLC	450 UNION ST	RCRA-LQG	Lower	1142, 0.216, WNW
AM305	VACANT APARTMENT BUI	450 UNION ST	NY MANIFEST, NY Spills	Lower	1142, 0.216, WNW
AK306	210 DOUGLASS STREET	210 DOUGLASS STREET	NY BROWNFIELDS	Lower	1160, 0.220, NNW
AK307	MAGNIFICO ENTERPRISE	210 DOUGLASS ST	ECHO, RCRA-SQG, FINDS	Lower	1160, 0.220, NNW
AD308	COSMOC INC	255 BUTLER STREET	NY Spills, NY AST	Lower	1160, 0.220, NNW
AK309	L.C.R. TRUCKING LLC	241 DOUGLAS STREET	NY UST	Lower	1163, 0.220, NNW
AI310	BAYSIDE FUEL OIL CO.	498-502 SACKETT STRE	NY AST	Lower	1185, 0.224, WNW
AI311	BAYSIDE FUEL OIL CO.	498-502 SACKETT STRE	NY UST	Lower	1185, 0.224, WNW
312	CON EDISON	BALTIC ST & 4TH AVE	FINDS, ECHO, RCRA NonGen / NLR	Higher	1189, 0.225, ENE

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AK313	FORMER O.Z. ELECTRIC	198 DOUGLASS STREET	NY SHWS, NY Spills	Lower	1200, 0.227, NW
AL314	PS 133K SCHOOL	610 BALTIC ST	RCRA-LQG, NJ MANIFEST, NY MANIFEST	Higher	1211, 0.229, ENE
AJ315	NYCHA - WYCKOFF	130 3RD AVE	FINDS, ECHO, RCRA NonGen / NLR, NY MANIFEST	Higher	1212, 0.230, NNE
316	CARROLL ST. TRANSFER	400 CARROLL ST	NY SWF/LF	Lower	1218, 0.231, West
AJ317	CON EDISON SERVICE B	128 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1223, 0.232, NNE
AK318	NYC DEP - BWT GOWANU	201 DOUGLASS ST	PA MANIFEST, PA MANIFEST	Lower	1242, 0.235, NNW
AK319	GOWANUS PUMPING STAT	201 DOUGLASS STREET	NY AST	Lower	1242, 0.235, NNW
AK320	GOWANUS PUMPING STAT	201 DOUGLASS STREET	NY UST	Lower	1242, 0.235, NNW
AK321	GOWANUS PUMP STATION	201 DOUGLASS ST	NY MANIFEST, NY Spills	Lower	1242, 0.235, NNW
AK322	CON EDISON	201 DOUGLASS ST	NY MANIFEST	Lower	1242, 0.235, NNW
AK323	NYCDEP - GOWANUS PUM	201 DOUGLASS ST	ICIS, RCRA-SQG, ECHO, FINDS, NJ MANIFEST	Lower	1242, 0.235, NNW
AN324	NYCDEP	BALTIC AVE & NEVIS	NY MANIFEST	Lower	1245, 0.236, North
AL325	CON EDISON SERVICE B	620 BALTIC ST	RCRA NonGen / NLR	Higher	1256, 0.238, ENE
AI326	BAYSIDE FUEL OIL DEP	267 BOND STREET	NY Spills, NY AST	Lower	1261, 0.239, NW
AI327	SOCIETY BROOKLYN	267 BOND ST	NY MANIFEST, NY SPDES	Lower	1261, 0.239, NW
AI328	BAYSIDE FUEL OIL COR	267 BOND STREET	NY UST	Lower	1261, 0.239, NW
AO329	RALPHS CLEANERS	230 FIFTH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1276, 0.242, SE
AO330	RALPH'S CLEANERS	230 FIFTH AVE.	NY DRYCLEANERS	Higher	1276, 0.242, SE
AP331	WYCKOFF GARDENS	572 WARREN STREET	NY UST	Higher	1278, 0.242, NE
AP332	572 WARREN ST. HOUSE	572 WARREN ST	NY LTANKS, NY Spills	Higher	1278, 0.242, NE
AQ333	233 BUTLER ST	233 BUTLER STREET	NY UST	Lower	1284, 0.243, NNW
AQ334	SPILL NUMBER 0212934	233 BUTLER ST	NY LTANKS	Lower	1284, 0.243, NNW
AM335	NYCDOT BIN 2240270 U	UNION ST BRIDGE OVER	RCRA-LQG, NY MANIFEST	Lower	1299, 0.246, WNW
AR336	DENTS OUT AUTO BODY	327 BOND ST	SEMS-ARCHIVE, RCRA NonGen / NLR	Lower	1300, 0.246, West
AK337	259 BOND STREET	259 BOND STREET	NY UST	Lower	1303, 0.247, NW
AK338	NYCDEP	259 BOND ST	NY MANIFEST	Lower	1303, 0.247, NW
AN339	CON EDISON	497 BALTIC	NY MANIFEST	Lower	1312, 0.248, North
AS340	CON EDISON SERVICE B	100 4TH ST & 2ND AVE	RCRA NonGen / NLR, ECHO, FINDS, NY MANIFEST	Higher	1316, 0.249, South
AR341	335 BOND STREET	335 BOND STREET	NY BROWNFIELDS	Lower	1337, 0.253, West
AS342	CON EDISON CO. OF NY	3RD AVE (BET. 3RD &	NY SWF/LF	Higher	1385, 0.262, South
AN343	WYCKOFF GARDENS	185 NEVINS ST	NY LTANKS	Lower	1451, 0.275, North
AT344	175 3RD STREET	175 3RD STREET	NY LTANKS, NY Spills	Lower	1460, 0.277, SW
AT345	175-225 3RD STREET	175-225 3RD STREET	NY BROWNFIELDS	Lower	1460, 0.277, SW
AQ346	BASIN HAULAGE INC. I	462-470 BALTIC STREE	NY SWF/LF	Lower	1469, 0.278, NNW
AU347	GOWANUS VILLAGE I	153 2ND ST A/K/A 322	NY INST CONTROL	Lower	1470, 0.278, WSW
AV348	190-220 THIRD STREET	214 3RD ST	RCRA NonGen / NLR, NY MANIFEST, NY INST CONTROL,...	Lower	1480, 0.280, SW
AV349	ALL BORO'S	200 3RD ST	NY LTANKS	Lower	1489, 0.282, SW
350	GOWANUS HOUSING COMP	238 BOND ST	NY LTANKS	Lower	1496, 0.283, NW
351	SPILL NUMBER 0209206	11 LINCOLN PLACE	NY LTANKS	Higher	1500, 0.284, ESE

MAPPED SITES SUMMARY

Target Property Address:
601 UNION STREET
BROOKLYN, NY 11217

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AW352	388 CARROLL STREET A	388 CARROLL STREET A	NY INST CONTROL, NY ENG CONTROLS, NY BROWNFIELDS	Higher	1505, 0.285, West
AX353	125 THIRD AVENUE	125 3RD AVENUE	NY VCP	Higher	1522, 0.288, NNE
354	19 BERKELEY PL	19 BERKELEY PL	NY LTANKS, NY Spills	Higher	1552, 0.294, ESE
AT355	RED HOOK CRUSHERS; I	186 3RD STREET	NY SWF/LF	Lower	1568, 0.297, SW
356	ECONOMY CLEANERS	123 5TH AVE	RCRA-VSQG, US AIRS, NY MANIFEST, NY LTANKS	Higher	1576, 0.298, East
357	365 BOND STREET	365 BOND STREET	NY COOLING TOWERS, NY E DESIGNATION, NY INST...	Lower	1584, 0.300, West
358	79-97 4TH AVENUE	85 4TH AVENUE	NY VCP	Higher	1619, 0.307, NE
AY359	WYCKOFF GARDENS -NYC	272 WYCKOFF STREET	NY LTANKS, NY Spills	Higher	1624, 0.308, North
AW360	TOLL BROOKLYN, LP	64-98 1ST ST; 82-107	NY BROWNFIELDS	Higher	1629, 0.309, West
AY361	WYCKOFF GARDENS -NYC	272 WYCKOFF STREET	NY LTANKS	Higher	1657, 0.314, North
AX362	105 3RD AVE	105 3RD AVENUE	NY Spills, NY LTANKS	Higher	1677, 0.318, NNE
AU363	141 3RD STREET	141 3RD STREET	NY BROWNFIELDS	Lower	1711, 0.324, WSW
364	SINSI RESIDENCE	112 ST MARKS PL	NY LTANKS	Higher	1800, 0.341, ENE
365	THIRD STREET GOWANUS	125 3RD STREET	NY BROWNFIELDS	Lower	1814, 0.344, WSW
AY366	ULANO CORP-280 BERGE	280 BERGEN ST	NY AIRS, NY LTANKS	Higher	1824, 0.345, NNE
367	341 BERGEN ST	341 BERGEN ST	NY LTANKS	Higher	1930, 0.366, NE
AZ368	GOWANUS CANAL CONSER	2 SECOND AVE.	NY SWF/LF	Lower	2019, 0.382, WSW
AZ369	BK6 SALT LOT COMMUNI	2 SECOND AVENUE	NY SWF/LF	Lower	2019, 0.382, WSW
BA370	PATTERSON CHEMICAL C	102 3RD ST	ECHO, FINDS, RCRA NonGen / NLR, CORRACTS	Lower	2095, 0.397, WSW
BB371	US RECYCLING INC	141 6TH STREET	NY SWRCY, NY Spills	Lower	2110, 0.400, SW
BC372	80 3RD AVE.	80 3RD AVE	NY LTANKS	Higher	2149, 0.407, NNE
BD373	74-76 SOUTH SECOND S	74-76 SECOND STREET	NY VCP	Higher	2161, 0.409, West
374	P.S. # 51- 350 5TH A	P.S. #51 - 350 5TH A	NY LTANKS	Higher	2164, 0.410, South
BB375	163 6TH STREET LLC	163 6TH ST	NY MANIFEST, NY SPDES, NY SWRCY	Lower	2183, 0.413, SW
BA376	99 NORTH 4TH STREET	99 4TH STREET	NY VCP	Lower	2186, 0.414, WSW
377	225 6TH AVE.	225 6TH AVE	NY LTANKS	Higher	2190, 0.415, SE
BE378	KAM SERVICE CENTER I	363 4TH AVE	FINDS, RCRA NonGen / NLR, ECHO, NY LTANKS, NY...	Higher	2207, 0.418, SSW
379	401 3RD STREET	401 3RD STREET	NY LTANKS	Higher	2253, 0.427, SSE
BE380	U-HAUL	259 6TH ST	NY LTANKS	Higher	2264, 0.429, SSW
BD381	DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECH	NY LTANKS	Higher	2279, 0.432, West
BB382	S & S WATER COMPANY	107 6TH STREET	NY SPDES, NY Spills, NY SWF/LF	Lower	2284, 0.433, SW
BC383	LOT 29,TAXBLOCK 191	490 PACIFIC STREET	NY E DESIGNATION, NY LTANKS	Higher	2304, 0.436, NNE
BB384	106 6TH ST	106 6TH ST	NY LTANKS	Lower	2323, 0.440, SW
BB385	BKLYN UNION GAS /CIT	6TH ST & 2ND AVE	SEMS-ARCHIVE	Lower	2325, 0.440, SW
386	BUG, CITIZENS GATE S	6TH STREET AND 2ND A	NY HSWDS	Lower	2371, 0.449, SW
BE387	FERRANTINO & CO	278 6TH ST	NY LTANKS	Higher	2388, 0.452, SSW
388	430 PACIFIC STREET	430 PACIFIC STREET	NY LTANKS	Higher	2431, 0.460, North
BF389	66 FOURTH STREET	66 4TH STREET	NY UST, NY LTANKS	Lower	2444, 0.463, WSW
390	124 LINCOLN PLACE	124 LINCOLN PLACE	NY LTANKS	Higher	2453, 0.465, ESE

MAPPED SITES SUMMARY

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601 UNION STREET
BROOKLYN, NY 11217

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
391	IESI (110 5TH ST.)(S	110 5TH STREET	NY SWF/LF, NY Spills	Lower	2456, 0.465, WSW
392	SPILL NUMBER 9804333	705 CARROLL STREET	NY LTANKS, NY Spills	Higher	2472, 0.468, SE
BF393	425 HOYT STREET	419-429 HOYT STREET	NY BROWNFIELDS	Higher	2506, 0.475, WSW
394	670-678 PACIFIC STRE	607 PACIFIC STREET	NY VCP	Higher	2539, 0.481, NE
395	INTERCONTINENTAL REC	??	NY SWF/LF	Lower	2559, 0.485, SW
396	JOEL VENGRIN	155 BERGEN STREET	NY LTANKS	Higher	2577, 0.488, NNW
397	FORMER CITIZEN GAS W	5TH STREET AND SMITH	EDR MGP	Higher	3073, 0.582, WSW
398	CARROLL GARDENS	CORNER OF 5TH STREET	NY DEL SHWS	Higher	3124, 0.592, West
BG399	K - METROPOLITAN MGP	124-136 SECOND AVE	NY SHWS, NY BROWNFIELDS	Lower	3492, 0.661, SW
BG400	BU-METROPOLITAN MGP	124-136 SECOND AVE	EDR MGP	Lower	3492, 0.661, SW
401	USPS GOWANUS SITE. F	2ND AVENUE AND 12TH	EDR MGP	Lower	4014, 0.760, SW
402	FORMER BARRETT MANUF	627 SMITH ST.	NY SHWS, NY BROWNFIELDS	Lower	5149, 0.975, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8.

Site	Database(s)	EPA ID
A 2 Z ENVIRONMENTAL 601 UNION ST BROOKLYN, NY 11215	FINDS Registry ID:: 110044830261: ECHO Registry ID: 110044830261:	N/A
A 2 Z ENVIRONMENTAL 601 UNION ST BROOKLYN, NY 11215	RCRA NonGen / NLR EPA ID:: NYR000187302:	N/A
SJ FUEL CO. INC. 601 UNION STREET BROOKLYN, NY 11215	NY TANKS Site Status: Active: Facility Id: 2-601627:	N/A

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---------- Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
NY CBS UST ---------- Chemical Bulk Storage Database
NY MOSF AST ---------- Major Oil Storage Facilities Database
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL ---------- Restrictive Declarations Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

NY ERP ---------- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---------- Registered Waste Tire Storage & Facility List
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
US CDL ---------- National Clandestine Laboratory Register
NY PFAS ---------- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST ---------- Historical Petroleum Bulk Storage Database
NY HIST AST ---------- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---------- Spill Liens Information

LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
NY Hist Spills ---------- SPILLS Database
NY SPILLS 90 ---------- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---------- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
2020 COR ACTION ---------- 2020 Corrective Action Program List
TSCA ---------- Toxic Substances Control Act
TRIS ---------- Toxic Chemical Release Inventory System
SSTS ---------- Section 7 Tracking Systems
RMP ---------- Risk Management Plans
RAATS ---------- RCRA Administrative Action Tracking System
PADS ---------- PCB Activity Database System
MLTS ---------- Material Licensing Tracking System
COAL ASH DOE ---------- Steam-Electric Plant Operation Data
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---------- PCB Transformer Registration Database
RADINFO ---------- Radiation Information Database
DOT OPS ---------- Incident and Accident Data
CONSENT ---------- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---------- Indian Reservations
FUSRAP ---------- Formerly Utilized Sites Remedial Action Program
UMTRA ---------- Uranium Mill Tailings Sites
LEAD SMELTERS ---------- Lead Smelter Sites
US MINES ---------- Mines Master Index File
ABANDONED MINES ---------- Abandoned Mines
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
UXO ---------- Unexploded Ordnance Sites
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
NY COAL ASH ---------- Coal Ash Disposal Site Listing
NY Financial Assurance ---------- Financial Assurance Information Listing
NY VAPOR REOPENED ---------- Vapor Intrusion Legacy Site List
NY UIC ---------- Underground Injection Control Wells
MINES MRDS ---------- Mineral Resources Data System

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NPL list,
as provided by EDR, has revealed that there is 1 NPL site
within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL EPA Id: NYN000206222: Cerclis ID:: 206222:	***BUTLER ST (BETWEEN B***	***NNW 1/8 - 1/4 (0.210 mi.)***	***AK283***	***795***

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the SEMS list,
as provided by EDR, has revealed that there is 1 SEMS site
within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL EPA Id: NYN000206222: Site ID: 0206222:	***BUTLER ST (BETWEEN B***	***NNW 1/8 - 1/4 (0.210 mi.)***	***AK283***	***795***

EXECUTIVE SUMMARY

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the SEMS-ARCHIVE list, as provided by EDR, has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENTS OUT AUTO BODY	***327 BOND ST***	***W 1/8 - 1/4 (0.246 mi.)***	***AR336***	***1048***
EPA Id: NYD986961167:				
Site ID: 0203501:				
BKLYN UNION GAS /CIT	6TH ST & 2ND AVE	SW 1/4 - 1/2 (0.440 mi.)	BB385	1321
EPA Id: NYD980532212:				
Site ID: 0201995:				

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the CORRACTS list, as provided by EDR, has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PATTERSON CHEMICAL C	***102 3RD ST***	***WSW 1/4 - 1/2 (0.397 mi.)***	***BA370***	***1244***
EPA ID:: NYD980592471:				

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the RCRA-LQG list, as provided by EDR, has revealed that there are 18 RCRA-LQG sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PS 418 K SCHOOL EPA ID:: NYR000199968:	***512 CARROLL ST***	***S 0 - 1/8 (0.118 mi.)***	***N126***	***349***
CON EDISON - MANHOLE EPA ID:: NYP004299269:	***314 BUTLER ST***	***NE 1/8 - 1/4 (0.142 mi.)***	***Q174***	***481***
CON EDISON - 3RD AVE EPA ID:: NYD000706218:	***222 1ST ST***	***SSW 1/8 - 1/4 (0.180 mi.)***	***AB227***	***618***
CON EDISON - OTHER - EPA ID:: NYP004851131:	222 1 ST	SSW 1/8 - 1/4 (0.180 mi.)	AB237	662
275 FOURTH AVENUE DE EPA ID:: NYD986914133:	275 4TH AVE	S 1/8 - 1/4 (0.200 mi.)	AA260	717
PS 133K SCHOOL EPA ID:: NYR000173732:	***610 BALTIC ST***	***ENE 1/8 - 1/4 (0.229 mi.)***	***AL314***	***938***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - EXCAVAT EPA ID:: NYP005022769:	232 3RD AVE	NNW 0 - 1/8 (0.008 mi.)	A11	21
473 PRESIDENT LLC -	514 UNION ST	W 0 - 1/8 (0.086 mi.)	I70	192
CON EDISON - SERVICE EPA ID:: NYP005072996:	484 PRESIDENT ST	WSW 0 - 1/8 (0.105 mi.)	I95	269
473 PRESIDENT STREET EPA ID:: NYR000232116:	473 PRESIDENT ST	W 0 - 1/8 (0.111 mi.)	I102	283
CON EDISON - SERVICE EPA ID:: NYP005136561:	302 3RD AVE	SW 1/8 - 1/4 (0.129 mi.)	R145	409
CON EDISON - MANHOLE EPA ID:: NYP004296752:	***505 SACKETT ST***	***NW 1/8 - 1/4 (0.146 mi.)***	***M178***	***491***
CON EDISON - TRANSFO EPA ID:: NYP004734786:	CARROLL ST & NEVINS	WSW 1/8 - 1/4 (0.161 mi.)	Y198	554
CON EDISON - NEVINS EPA ID:: NYR000157172:	***265 BUTLER ST***	***N 1/8 - 1/4 (0.173 mi.)***	***AC220***	***601***
CON EDISON - MANHOLE EPA ID:: NYP004342978:	408 CARROL ST	WSW 1/8 - 1/4 (0.194 mi.)	Y246	687
GOWANUS CSO - CP-1	NEVINS ST & BUTLER S	N 1/8 - 1/4 (0.195 mi.)	AD249	694
450 UNION LLC EPA ID:: NYD001263136:	450 UNION ST	WNW 1/8 - 1/4 (0.216 mi.)	AM304	899
NYCDOT BIN 2240270 U EPA ID:: NYR000022079:	***UNION ST BRIDGE OVER***	***WNW 1/8 - 1/4 (0.246 mi.)***	***AM335***	***1043***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the RCRA-SQG list, as provided by EDR, has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MTA NYCT - 4TH AVE G	276 4TH AVE	SSE 1/8 - 1/4 (0.151 mi.)	N184	521

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARK SLOPE PAINT STR	***553 UNION ST***	***WNW 0 - 1/8 (0.099 mi.)***	***M87***	***235***
EPA ID:: NYR000170472:				
CRUSADER CANDLE CO I	***325 NEVINS ST***	***W 1/8 - 1/4 (0.128 mi.)***	***O141***	***383***
EPA ID:: NYD987005840:				
EPA ID:: NYD987005840:				
EPA ID:: NYD987005840:				
EPA ID:: NYD987005840:				
EPA ID:: NYD987005840:				
MAGNIFICO ENTERPRISE	***210 DOUGLASS ST***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AK307***	***914***
EPA ID:: NYR000205278:				
NYCDEP - GOWANUS PUM	***201 DOUGLASS ST***	***NNW 1/8 - 1/4 (0.235 mi.)***	***AK323***	***981***
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				
EPA ID:: NYD982728602:				

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the RCRA-VSQG list, as provided by EDR, has revealed that there are 4 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HESS#32530	***204-222 FOURTH AVE***	***ESE 0 - 1/8 (0.080 mi.)***	***C58***	***143***
EPA ID:: NYD982185563:				
EPA ID:: NYD982185563:				
EPA ID:: NYD982185563:				
EPA ID:: NYD982185563:				
EPA ID:: NYD982185563:				
EPA ID:: NYD982185563:				
BP PRODUCTS NORTH AM	***164 4TH AVE***	***ENE 0 - 1/8 (0.114 mi.)***	***K111***	***310***
EPA ID:: NYD987021425:				
EPA ID:: NYD987021425:				
EPA ID:: NYD987021425:				
EPA ID:: NYD987021425:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINDA TOOL & DIE COR	***459 CARROLL ST***	***SW 0 - 1/8 (0.104 mi.)***	***I93***	***263***

EPA ID:: NYD987025822:
EPA ID:: NYD987025822:
EPA ID:: NYD987025822:

NEW YORK TELEPHONE C	***318 NEVINS ST***	***W 1/8 - 1/4 (0.149 mi.)***	***O181***	***502***

EPA ID:: NYD987028016:
EPA ID:: NYD987028016:
EPA ID:: NYD987028016:

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the US ENG CONTROLS list, as provided by EDR, has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN B***	***NNW 1/8 - 1/4 (0.210 mi.)***	***AK283***	***795***

EPA ID:: NYN000206222:
EPA ID:: NYN000206222:

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the US INST CONTROLS list, as provided by EDR, has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN B***	***NNW 1/8 - 1/4 (0.210 mi.)***	***AK283***	***795***

EPA ID:: NYN000206222:

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY SHWS list, as provided by EDR, has revealed that there are 4 NY SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL SITE	GOWANUS CANAL	NNW 1/8 - 1/4 (0.212 mi.)	AK293	848

Class Code: Significant threat to the public health or environment - action required.:
Site Code: 406956:

FORMER O.Z. ELECTRIC	***198 DOUGLASS STREET***	***NW 1/8 - 1/4 (0.227 mi.)***	***AK313***	***934***

Class Code: N:
Site Code: 450318:

K - METROPOLITAN MGP	***124-136 SECOND AVE***	***SW 1/2 - 1 (0.661 mi.)***	***BG399***	***1343***

Class Code: Significant threat to the public health or environment - action required.:
Site Code: 372656:

FORMER BARRETT MANUF	***627 SMITH ST.***	***SW 1/2 - 1 (0.975 mi.)***	***402***	***1348***

Class Code: N:
Site Code: 466165:

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY SWF/LF list, as provided by EDR, has revealed that there are 14 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RINALDI RECYCLING CO	182 4TH AVE.	E 0 - 1/8 (0.102 mi.)	K92	263
3RD AVE FLUSH TRUCK	222 FIRST STREET	SSW 1/8 - 1/4 (0.180 mi.)	AB233	658
CON EDISON CO. OF NY	3RD AVE (BET. 3RD &	S 1/4 - 1/2 (0.262 mi.)	AS342	1063

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSS BAY CONTRACTIN	242 NEVINS ST.	NNW 1/8 - 1/4 (0.156 mi.)	W189	540
ROYAL RECYCLING CORP	242 NEVINS STREET	NNW 1/8 - 1/4 (0.156 mi.)	W190	541
BALTIC RECYCLING COR	524-26 BALTIC STREET	N 1/8 - 1/4 (0.204 mi.)	AC275	781
CARROLL ST. TRANSFER	400 CARROLL ST	W 1/8 - 1/4 (0.231 mi.)	316	966
BASIN HAULAGE INC. I	462-470 BALTIC STREE	NNW 1/4 - 1/2 (0.278 mi.)	AQ346	1073
RED HOOK CRUSHERS; I	186 3RD STREET	SW 1/4 - 1/2 (0.297 mi.)	AT355	1179
GOWANUS CANAL CONSER	2 SECOND AVE.	WSW 1/4 - 1/2 (0.382 mi.)	AZ368	1242
BK6 SALT LOT COMMUNI	2 SECOND AVENUE	WSW 1/4 - 1/2 (0.382 mi.)	AZ369	1243
S & S WATER COMPANY	***107 6TH STREET***	***SW 1/4 - 1/2 (0.433 mi.)***	***BB382***	***1309***
IESI (110 5TH ST.)(S	***110 5TH STREET***	***WSW 1/4 - 1/2 (0.465 mi.)***	***391***	***1333***
INTERCONTINENTAL REC	??	SW 1/4 - 1/2 (0.485 mi.)	395	1339

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY LTANKS list, as provided by EDR, has revealed that there are 42 NY LTANKS sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AJR (COMMERCIAL BLDG Spill Number/Closed Date: 0500453 / 2005-04-28: Spill Date: 2005-04-11: Site ID: 343388:	599 DEGRAW ST	NE 0 - 1/8 (0.063 mi.)	B49	108
540 PRESIDENT STREET Spill Number/Closed Date: 9211878 / 1993-01-18: Spill Date: 1993-01-18: Site ID: 262667:	540 PRESIDENT STREET	S 0 - 1/8 (0.066 mi.)	H51	111
HESS STATION 32530 Spill Number/Closed Date: 9515732 / 1997-06-11: Spill Date: 1996-03-07: Site ID: 204687:	***204-222 4TH AVENUE***	***ESE 0 - 1/8 (0.080 mi.)***	***C57***	***124***
4TH & SACKETT STREET Spill Number/Closed Date: 9113310 / 1994-08-03: Spill Date: 1992-03-31: Site ID: 221268:	4TH & SACKETT STREET	ESE 0 - 1/8 (0.085 mi.)	J67	187
280 DOUGLAS ST/PENSK Spill Number/Closed Date: 9112095 / 1992-03-03: Spill Date: 1992-02-25: Site ID: 280189:	280 DOUGLAS ST/PENSK	NNE 0 - 1/8 (0.093 mi.)	G76	204
280 DOUGLAS ST Spill Number/Closed Date: 9410669 / 1995-03-10: Spill Date: 1994-11-10: Site ID: 160988:	***280 DOUGLAS STREET***	***NNE 0 - 1/8 (0.093 mi.)***	***G79***	***215***
MAXIMUM DISTRIBUTORS Spill Number/Closed Date: 0902974 / 2009-08-18: Spill Number/Closed Date: 1402248 / 2014-07-09: Spill Date: 2009-06-12: Spill Date: 2014-06-02: Site ID: 415051: Site ID: 495561:	151-169 3RD AVE	NNE 1/8 - 1/4 (0.193 mi.)	Z245	684
126 4TH AVENUE - MIS Spill Number/Closed Date: 9505523 / 2013-01-17: Spill Date: 1995-08-03: Site ID: 261276:	126 4TH AVENUE	NE 1/8 - 1/4 (0.202 mi.)	AH265	737
572 WARREN ST. HOUSE Spill Number/Closed Date: 9105220 / 2005-03-08: Spill Date: 1991-08-14: Site ID: 115495:	***572 WARREN ST***	***NE 1/8 - 1/4 (0.242 mi.)***	***AP332***	***1037***
SPILL NUMBER 0209206 Spill Number/Closed Date: 0209206 / 2004-04-16: Spill Date: 2002-12-07: Site ID: 156887:	11 LINCOLN PLACE	ESE 1/4 - 1/2 (0.284 mi.)	351	1143
19 BERKELEY PL Spill Number/Closed Date: 0209599 / 2002-12-18: Spill Date: 2002-12-18: Site ID: 238174:	***19 BERKELEY PL***	***ESE 1/4 - 1/2 (0.294 mi.)***	***354***	***1177***
ECONOMY CLEANERS Spill Number/Closed Date: 0507654 / 2005-11-30:	***123 5TH AVE***	***E 1/4 - 1/2 (0.298 mi.)***	***356***	***1179***

Spill Date: 2005-09-26:
Site ID: 353099:

WYCKOFF GARDENS -NYC	***272 WYCKOFF STREET***	***N 1/4 - 1/2 (0.308 mi.)***	***AY359***	***1221***
Spill Number/Closed Date: 9307448 / 2004-01-08:				
Spill Date: 1993-09-20:				
Site ID: 145839:				
WYCKOFF GARDENS -NYC	272 WYCKOFF STREET	N 1/4 - 1/2 (0.314 mi.)	AY361	1227
Spill Number/Closed Date: 9010808 / 2004-01-08:				
Spill Date: 1991-01-09:				
Site ID: 145838:				
105 3RD AVE	***105 3RD AVENUE***	***NNE 1/4 - 1/2 (0.318 mi.)***	***AX362***	***1229***
Spill Number/Closed Date: 9210549 / 1998-11-12:				
Spill Date: 1992-12-12:				
Site ID: 327377:				
SINSI RESIDENCE	112 ST MARKS PL	ENE 1/4 - 1/2 (0.341 mi.)	364	1233
Spill Number/Closed Date: 9600499 / 1996-04-11:				
Spill Date: 1996-04-10:				
Site ID: 208826:				
ULANO CORP-280 BERGE	***280 BERGEN ST***	***NNE 1/4 - 1/2 (0.345 mi.)***	***AY366***	***1237***
Spill Number/Closed Date: 9713764 / 1999-05-18:				
Spill Date: 1998-03-12:				
Site ID: 247275:				
341 BERGEN ST	341 BERGEN ST	NE 1/4 - 1/2 (0.366 mi.)	367	1241
Spill Number/Closed Date: 9706573 / 1998-04-30:				
Spill Date: 1997-09-02:				
Site ID: 66262:				
80 3RD AVE.	80 3RD AVE	NNE 1/4 - 1/2 (0.407 mi.)	BC372	1258
Spill Number/Closed Date: 9208644 / 1992-10-27:				
Spill Date: 1992-10-27:				
Site ID: 76952:				
P.S. # 51- 350 5TH A	P.S. #51 - 350 5TH A	S 1/4 - 1/2 (0.410 mi.)	374	1259
Spill Number/Closed Date: 9409320 / 1995-02-06:				
Spill Date: 1994-10-12:				
Site ID: 105617:				
225 6TH AVE.	225 6TH AVE	SE 1/4 - 1/2 (0.415 mi.)	377	1265
Spill Number/Closed Date: 8705973 / 1992-11-19:				
Spill Date: 1987-10-15:				
Site ID: 163112:				
KAM SERVICE CENTER I	***363 4TH AVE***	***SSW 1/4 - 1/2 (0.418 mi.)***	***BE378***	***1267***
Spill Number/Closed Date: 8901904 / 2016-02-04:				
Spill Date: 1989-05-24:				
Site ID: 90896:				
401 3RD STREET	401 3RD STREET	SSE 1/4 - 1/2 (0.427 mi.)	379	1303
Spill Number/Closed Date: 9310090 / 1993-11-19:				
Spill Date: 1993-11-11:				
Site ID: 244717:				
U-HAUL	259 6TH ST	SSW 1/4 - 1/2 (0.429 mi.)	BE380	1304
Spill Number/Closed Date: 9412186 / 2006-03-13:				
Spill Date: 1994-12-12:				
Site ID: 225909:				
DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECH	W 1/4 - 1/2 (0.432 mi.)	BD381	1307

Spill Number/Closed Date: 9713407 / 2003-03-03:
Spill Date: 1998-03-03:
Site ID: 319396:

LOT 29,TAXBLOCK 191	***490 PACIFIC STREET***	***NNE 1/4 - 1/2 (0.436 mi.)***	***BC383***	***1319***
Spill Number/Closed Date: 0908933 / 2010-09-30: Spill Date: 2009-11-09: Site ID: 421597:				
FERRANTINO & CO	278 6TH ST	SSW 1/4 - 1/2 (0.452 mi.)	BE387	1324
Spill Number/Closed Date: 9705330 / 2011-08-01: Spill Date: 1997-08-01: Site ID: 304152:				
430 PACIFIC STREET	430 PACIFIC STREET	N 1/4 - 1/2 (0.460 mi.)	388	1326
Spill Number/Closed Date: 0707748 / 2007-10-15: Spill Date: 2007-10-15: Site ID: 388499:				
124 LINCOLN PLACE	124 LINCOLN PLACE	ESE 1/4 - 1/2 (0.465 mi.)	390	1332
Spill Number/Closed Date: 9502716 / 1995-06-02: Spill Date: 1995-06-02: Site ID: 145166:				
SPILL NUMBER 9804333	***705 CARROLL STREET***	***SE 1/4 - 1/2 (0.468 mi.)***	***392***	***1335***
Spill Number/Closed Date: 9311807 / 1994-01-05: Spill Date: 1994-01-05: Site ID: 213345:				
JOEL VENGRIN	155 BERGEN STREET	NNW 1/4 - 1/2 (0.488 mi.)	396	1340
Spill Number/Closed Date: 0400986 / 2004-06-01: Spill Date: 2004-04-28: Site ID: 265474:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
473 PRESIDENT STREET	***473 PRESIDENT STREET***	***W 0 - 1/8 (0.111 mi.)***	***I103***	***288***
Spill Number/Closed Date: 9412605 / Not Reported: Spill Date: 1994-12-20: Site ID: 323409:				
D GAVER & SONS INC	***267 DOUGLASS ST***	***N 0 - 1/8 (0.118 mi.)***	***P122***	***337***
Spill Number/Closed Date: 8800904 / 1992-10-02: Spill Date: 1988-04-28: Site ID: 104086:				
325 NEVINS STREET	325 NEVINS STREET	W 1/8 - 1/4 (0.128 mi.)	O142	390
Spill Number/Closed Date: 9501568 / 1995-05-08: Spill Number/Closed Date: 9508359 / 1995-10-09: Spill Date: 1995-05-08: Spill Date: 1995-10-09: Site ID: 266812: Site ID: 266813:				
NEVIN ST GARAGE	***318 NEVINS ST***	***W 1/8 - 1/4 (0.149 mi.)***	***O183***	***507***
Spill Number/Closed Date: 0306012 / 2003-10-02: Spill Date: 2003-09-06: Site ID: 164586:				
SPILL NUMBER 0212934	233 BUTLER ST	NNW 1/8 - 1/4 (0.243 mi.)	AQ334	1042
Spill Number/Closed Date: 0212934 / 2003-09-03:				

Spill Date: 2003-03-31: Site ID: 180335:				
WYCKOFF GARDENS Spill Number/Closed Date: 9811464 / 1999-05-14: Spill Date: 1998-12-11: Site ID: 237645:	185 NEVINS ST	N 1/4 - 1/2 (0.275 mi.)	AN343	1064
175 3RD STREET Spill Number/Closed Date: 9208180 / 1992-10-15: Spill Date: 1992-10-14: Site ID: 103805:	***175 3RD STREET***	***SW 1/4 - 1/2 (0.277 mi.)***	***AT344***	***1065***
ALL BORO'S Spill Number/Closed Date: 9702117 / 1999-08-22: Spill Date: 1997-05-19: Site ID: 253671:	200 3RD ST	SW 1/4 - 1/2 (0.282 mi.)	AV349	1139
GOWANUS HOUSING COMP Spill Number/Closed Date: 0201191 / 2008-09-23: Spill Number/Closed Date: 0201330 / 2005-12-23: Spill Date: 2002-05-01: Spill Date: 2002-05-06: Site ID: 197021: Site ID: 224675:	238 BOND ST	NW 1/4 - 1/2 (0.283 mi.)	350	1140
106 6TH ST Spill Number/Closed Date: 9502574 / 1995-05-31: Spill Date: 1995-05-31: Site ID: 153670:	106 6TH ST	SW 1/4 - 1/2 (0.440 mi.)	BB384	1320
66 FOURTH STREET Spill Number/Closed Date: 0106619 / 2003-11-17: Spill Date: 2001-09-25: Site ID: 228322:	***66 4TH STREET***	***WSW 1/4 - 1/2 (0.463 mi.)***	***BF389***	***1327***

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY UST list, as provided by EDR, has revealed that there are 27 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
617 SACKETT STREET R	617 SACKETT STREET	E 0 - 1/8 (0.029 mi.)	B24	47
A SHAMOSH	***620-628 DEGRAW STREE***	***ENE 0 - 1/8 (0.050 mi.)***	***B37***	***76***
SPEEDWAY # 7835	204-222 FOURTH AVENU	ESE 0 - 1/8 (0.080 mi.)	C60	151
RYDER TRUCK RENTAL,	280 DOUGLASS STREET	NNE 0 - 1/8 (0.093 mi.)	G78	210
BP SERVICE STATION #	164 FOURTH AVENUE	ENE 0 - 1/8 (0.114 mi.)	K113	317
ROMAN CATHOLIC CHURC	522 CARROLL ST	S 0 - 1/8 (0.118 mi.)	N120	331
P.S. 372 (OUR LADY O	512 CARROLL STREET	S 0 - 1/8 (0.118 mi.)	N123	341
SUDANCO GAS STATION,	169 THIRD AVENUE	NNE 1/8 - 1/4 (0.167 mi.)	Z209	576
350 BUTLER STREET	350 BUTLER STREET	ENE 1/8 - 1/4 (0.183 mi.)	U242	678
NORTH PETROLEUM CORP	***275 FOURTH AVE***	***S 1/8 - 1/4 (0.200 mi.)***	***AA263***	***724***
NORTHLAND MARKETING	126 FOURTH AVENUE	NE 1/8 - 1/4 (0.202 mi.)	AH267	749

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WYCKOFF GARDENS	572 WARREN STREET	NE 1/8 - 1/4 (0.242 mi.)	AP331	1035

Lower Elevation	Address	Direction / Distance	Map ID	Page
A & A BRAKE CO INC	560 SACKETT STREET	NW 0 - 1/8 (0.084 mi.)	F65	183
SOUTH BROOKLYN REALT	301 NEVINS STREET	WNW 0 - 1/8 (0.109 mi.)	M98	273
D GAVER & SONS INC	***267 DOUGLASS ST***	***N 0 - 1/8 (0.118 mi.)***	***P122***	***337***
ADMIRAL METALS	270 NEVINS STREET	NW 1/8 - 1/4 (0.137 mi.)	M159	443
VERIZON NEW YORK INC	318 NEVINS STREET	W 1/8 - 1/4 (0.149 mi.)	O180	500
CLARIN TRUCK LEASING	312 3RD AVE	SW 1/8 - 1/4 (0.156 mi.)	R186	526
GOWANUS CANAL NORTHS	495-505 SACKETT STRE	NW 1/8 - 1/4 (0.201 mi.)	AI264	735
PETROLEUM TANK CLEAN	236 BUTLER STREET	NNW 1/8 - 1/4 (0.212 mi.)	AD288	838
450 UNION STREET	450 UNION STREET	WNW 1/8 - 1/4 (0.216 mi.)	AM303	897
L.C.R. TRUCKING LLC	241 DOUGLAS STREET	NNW 1/8 - 1/4 (0.220 mi.)	AK309	921
BAYSIDE FUEL OIL CO.	498-502 SACKETT STRE	WNW 1/8 - 1/4 (0.224 mi.)	AI311	929
GOWANUS PUMPING STAT	201 DOUGLASS STREET	NNW 1/8 - 1/4 (0.235 mi.)	AK320	973
BAYSIDE FUEL OIL COR	267 BOND STREET	NW 1/8 - 1/4 (0.239 mi.)	AI328	1020
233 BUTLER ST	233 BUTLER STREET	NNW 1/8 - 1/4 (0.243 mi.)	AQ333	1040
259 BOND STREET	259 BOND STREET	NW 1/8 - 1/4 (0.247 mi.)	AK337	1053

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY MOSF UST list, as provided by EDR, has revealed that there is 1 NY MOSF UST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	510 SACKETT ST.	WNW 1/8 - 1/4 (0.202 mi.)	AI269	765

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY CBS list, as provided by EDR, has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS & DEGRAW	***NEVINS ST, DOUGLAS S***	***NNW 1/8 - 1/4 (0.163 mi.)***	***W205***	***567***
CBS Number: 2-000136:				
Facility Status: Inactive:				

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY MOSF list, as provided by EDR, has revealed that there is 1 NY MOSF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Facility Id: 2-1220: Tank Status: Unregulated/Closed:	***510 SACKETT ST***	***WNW 1/8 - 1/4 (0.202 mi.)***	***AI268***	***759***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY AST list, as provided by EDR, has revealed that there are 24 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLYLAND AUTO REPAIR Facility Id: 2-605796:	637 UNION STREET	SE 0 - 1/8 (0.032 mi.)	C25	49
RIDGE COMPLETE AUTO Facility Id: 2-611243:	264 THIRD AVENUE	SW 0 - 1/8 (0.039 mi.)	D30	57
A SHAMOSH Facility Id: 2-611758:	***620-628 DEGRAW STREE***	***ENE 0 - 1/8 (0.050 mi.)***	***B37***	***76***
L.L.L. AUTO REPAIR I Facility Id: 2-610816:	528 PRESIDENT STREET	SSW 0 - 1/8 (0.067 mi.)	D52	113
276 3RD AVENUE Facility Id: 2-608461:	276 THIRD AVENUE	SW 0 - 1/8 (0.071 mi.)	D53	115
505 CARROLL ST. Facility Id: 2-602516:	505 CARROLL STREET	SSW 0 - 1/8 (0.094 mi.)	H81	226
P.S. 372 (OUR LADY O Facility Id: 2-267562:	512 CARROLL STREET	S 0 - 1/8 (0.118 mi.)	N124	343
L&B AUTO REPAIR CORP Facility Id: 2-606714:	245 4TH AVENUE	SSE 1/8 - 1/4 (0.140 mi.)	S166	462
2 FAMILY HOUSE Facility Id: 2-201928:	557 CARROLL ST	SSE 1/8 - 1/4 (0.163 mi.)	S206	568
CHOCK FULL O'NUTS CO Facility Id: 2-151823:	588 BALTIC STREET	NE 1/8 - 1/4 (0.199 mi.)	AH253	702
NORTH PETROLEUM CORP Facility Id: 2-241849:	***275 FOURTH AVE***	***S 1/8 - 1/4 (0.200 mi.)***	***AA263***	***724***
P.S. 133 Facility Id: 2-604210:	375 BUTLER STREET	ENE 1/8 - 1/4 (0.216 mi.)	AL299	864
PUBLIC SCHOOL 133 - Facility Id: 2-604353:	375 BUTLER STREET	ENE 1/8 - 1/4 (0.216 mi.)	AL300	866

Lower Elevation	Address	Direction / Distance	Map ID	Page
A & A BRAKE CO INC	560 SACKETT STREET	NW 0 - 1/8 (0.084 mi.)	F66	185

Facility Id: 2-604492:				
ADMIRAL METALS Facility Id: 2-483001:	270 NEVINS STREET	NW 1/8 - 1/4 (0.137 mi.)	M158	441
543 UNION STREET Facility Id: 2-608359:	543 UNION STREET	WNW 1/8 - 1/4 (0.137 mi.)	T160	450
VERIZON NEW YORK INC Facility Id: 2-344265:	318 NEVINS STREET	W 1/8 - 1/4 (0.149 mi.)	O182	506
NEVINS STREET SUBSTA Facility Id: 2-611037:	223 NEVINS STREET	N 1/8 - 1/4 (0.207 mi.)	AC277	782
PETROLEUM TANK CLEAN Facility Id: 2-399760:	236 BUTLER STREET	NNW 1/8 - 1/4 (0.212 mi.)	AD286	827
SANITATION REPAIRS, Facility Id: 2-609478:	234 BUTLER STREET	NNW 1/8 - 1/4 (0.214 mi.)	AD297	860
COSMOC INC Facility Id: 2-295329:	***255 BUTLER STREET***	***NNW 1/8 - 1/4 (0.220 mi.)***	***AD308***	***917***
BAYSIDE FUEL OIL CO. Facility Id: 2-017590:	498-502 SACKETT STRE	WNW 1/8 - 1/4 (0.224 mi.)	AI310	924
GOWANUS PUMPING STAT Facility Id: 2-456217:	201 DOUGLASS STREET	NNW 1/8 - 1/4 (0.235 mi.)	AK319	971
BAYSIDE FUEL OIL DEP Facility Id: 2-017574:	***267 BOND STREET***	***NW 1/8 - 1/4 (0.239 mi.)***	***AI326***	***1011***

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY CBS AST list,
as provided by EDR, has revealed that there is 1 NY CBS AST site
within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS & DEGRAW Facility Status: 1: CBS Number: 2-000136: Facility Status: 1:	***NEVINS ST, DOUGLAS S***	***NNW 1/8 - 1/4 (0.163 mi.)***	***W205***	***567***

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY TANKS list,
as provided by EDR, has revealed that there are 2 NY TANKS sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THIRD AVENUE YARD	***222 FIRST STREET***	***SSW 1/8 - 1/4 (0.180 mi.)***	***AB238***	***665***

Site Status: Active:
Facility Id: 2-452726:

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADAMS BOOK CO. INC. Site Status: Active: Facility Id: 2-605467:	537 SACKETT ST	NW 0 - 1/8 (0.099 mi.)	M86	235

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY ENG CONTROLS list, as provided by EDR, has revealed that there are 4 NY ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
388 CARROLL STREET A Site Code: 478612: Site Code: 478612: Site Code: 478612:	***388 CARROLL STREET A***	***W 1/4 - 1/2 (0.285 mi.)***	***AW352***	***1144***

Lower Elevation	Address	Direction / Distance	Map ID	Page
450 UNION STREET Site Code: 507633: Site Code: 507633:	***450 UNION STREET***	***WNW 1/8 - 1/4 (0.216 mi.)***	***AM302***	***870***
190-220 THIRD STREET Site Code: 333299:	***214 3RD ST***	***SW 1/4 - 1/2 (0.280 mi.)***	***AV348***	***1101***
365 BOND STREET Site Code: 478842: Site Code: 478842:	***365 BOND STREET***	***W 1/4 - 1/2 (0.300 mi.)***	***357***	***1185***

Environmental Remediation sites that have institutional controls in place.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY INST CONTROL list, as provided by EDR, has revealed that there are 5 NY INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
388 CARROLL STREET A Site Code: 478612:	***388 CARROLL STREET A***	***W 1/4 - 1/2 (0.285 mi.)***	***AW352***	***1144***

Lower Elevation	Address	Direction / Distance	Map ID	Page
450 UNION STREET Site Code: 507633:	***450 UNION STREET***	***WNW 1/8 - 1/4 (0.216 mi.)***	***AM302***	***870***
GOWANUS VILLAGE I	153 2ND ST A/K/A 322	WSW 1/4 - 1/2 (0.278 mi.)	AU347	1074

Site Code: 332623:				
190-220 THIRD STREET	***214 3RD ST***	***SW 1/4 - 1/2 (0.280 mi.)***	***AV348***	***1101***
Site Code: 333299:				
365 BOND STREET	***365 BOND STREET***	***W 1/4 - 1/2 (0.300 mi.)***	***357***	***1185***
Site Code: 478842:				

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY VCP list, as provided by EDR, has revealed that there are 13 NY VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
241 - 245 4TH AVENUE	245 4TH AVENUE	SSE 1/8 - 1/4 (0.140 mi.)	S165	461
566 CARROLL STREET	566 CARROLL STREET	SSE 1/8 - 1/4 (0.173 mi.)	AA215	591
269-271 4TH AVENUE	271 4TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	AA243	680
275 4TH AVENUE	275 4TH AVENUE	S 1/8 - 1/4 (0.200 mi.)	AA262	723
125 THIRD AVENUE	125 3RD AVENUE	NNE 1/4 - 1/2 (0.288 mi.)	AX353	1176
79-97 4TH AVENUE	85 4TH AVENUE	NE 1/4 - 1/2 (0.307 mi.)	358	1221
74-76 SOUTH SECOND S	74-76 SECOND STREET	W 1/4 - 1/2 (0.409 mi.)	BD373	1259
670-678 PACIFIC STRE	607 PACIFIC STREET	NE 1/4 - 1/2 (0.481 mi.)	394	1339
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FULTON WORKS	DEGRAW STREET AND NE	NW 1/8 - 1/4 (0.133 mi.)	M154	433
Site Code: 57151:				
FULTON MUNICIPAL WOR	NEVINS, DEGRAW & SAC	NW 1/8 - 1/4 (0.139 mi.)	M162	455
Site Code: 57848:				
233 NEVINS STREET PH	233 NEVINS STREET	N 1/8 - 1/4 (0.175 mi.)	AD222	611
233 NEVINS STREET	236 BUTLER STREET	NNW 1/8 - 1/4 (0.212 mi.)	AD289	842
99 NORTH 4TH STREET	99 4TH STREET	WSW 1/4 - 1/2 (0.414 mi.)	BA376	1265

Lists of state and tribal brownfield sites

NY BROWNFIELDS: Brownfields Site List

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY BROWNFIELDS list, as provided by EDR, has revealed that there are 24 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
204 4TH AVENUE	204 4TH AVENUE	ESE 0 - 1/8 (0.080 mi.)	C56	122
Site Code: 587854:				
272 4TH AVENUE	***272 4TH AVENUE***	***S 1/8 - 1/4 (0.140 mi.)***	***N171***	***472***

Site Code: 590723:				
THIRD AVENUE YARD Site Code: 533255:	222 FIRST STREET	SSW 1/8 - 1/4 (0.180 mi.)	AB230	653
388 CARROLL STREET A Site Code: 478612:	***388 CARROLL STREET A***	***W 1/4 - 1/2 (0.285 mi.)***	***AW352***	***1144***
TOLL BROOKLYN, LP Site Code: 348572:	64-98 1ST ST; 82-107	W 1/4 - 1/2 (0.309 mi.)	AW360	1225
425 HOYT STREET Site Code: 507652:	419-429 HOYT STREET	WSW 1/4 - 1/2 (0.475 mi.)	BF393	1337

Lower Elevation	Address	Direction / Distance	Map ID	Page
563 SACKETT STREET Site Code: 507650:	563 SACKETT STREET	NNW 0 - 1/8 (0.049 mi.)	F35	63
585 UNION STREET Site Code: 619763:	577-599 UNION STREET	WNW 0 - 1/8 (0.051 mi.)	E38	84
514 UNION STREET Site Code: 615885:	514 UNION STREET	W 0 - 1/8 (0.086 mi.)	I71	194
473 PRESIDENT STREET Site Code: 507634:	473 PRESIDENT STREET	W 0 - 1/8 (0.111 mi.)	I101	279
473 PRESIDENT STREET Site Code: 568180:	***473 PRESIDENT STREET***	***W 0 - 1/8 (0.111 mi.)***	***I103***	***288***
PRESIDENT STREET POR Site Code: 602138:	469 PRESIDENT STREET	W 0 - 1/8 (0.118 mi.)	O121	333
318 NEVINS STREET Site Code: 630084:	300-344 NEVINS STREE	W 1/8 - 1/4 (0.151 mi.)	O185	524
242 NEVINS STREET Site Code: 568573:	***242 NEVINS STREET***	***NNW 1/8 - 1/4 (0.156 mi.)***	***W187***	***531***
GOWANUS VILLAGE I, L Site Code: 356610:	***420 CARROLL STREET***	***WSW 1/8 - 1/4 (0.181 mi.)***	***Y241***	***676***
234 BUTLER STREET Site Code: 550328:	234 BUTLER STREET	NNW 1/8 - 1/4 (0.214 mi.)	AD296	857
450 UNION STREET Site Code: 507633:	***450 UNION STREET***	***WNW 1/8 - 1/4 (0.216 mi.)***	***AM302***	***870***
210 DOUGLASS STREET Site Code: 615221:	210 DOUGLASS STREET	NNW 1/8 - 1/4 (0.220 mi.)	AK306	910
335 BOND STREET Site Code: 507653:	335 BOND STREET	W 1/4 - 1/2 (0.253 mi.)	AR341	1061
175-225 3RD STREET Site Code: 504582:	175-225 3RD STREET	SW 1/4 - 1/2 (0.277 mi.)	AT345	1068
190-220 THIRD STREET Site Code: 333299:	***214 3RD ST***	***SW 1/4 - 1/2 (0.280 mi.)***	***AV348***	***1101***
365 BOND STREET Site Code: 478842:	***365 BOND STREET***	***W 1/4 - 1/2 (0.300 mi.)***	***357***	***1185***
141 3RD STREET Site Code: 624862:	141 3RD STREET	WSW 1/4 - 1/2 (0.324 mi.)	AU363	1231
THIRD STREET GOWANUS	125 3RD STREET	WSW 1/4 - 1/2 (0.344 mi.)	365	1235

EXECUTIVE SUMMARY

Site Code: 628534:

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY SWRCY list,
as provided by EDR, has revealed that there are 3 NY SWRCY sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RINALDI RECYCLING CO	326 DOUGLASS STREET	ENE 0 - 1/8 (0.107 mi.)	K97	272

Lower Elevation	Address	Direction / Distance	Map ID	Page
US RECYCLING INC	***141 6TH STREET***	***SW 1/4 - 1/2 (0.400 mi.)***	***BB371***	***1256***
163 6TH STREET LLC	***163 6TH ST***	***SW 1/4 - 1/2 (0.413 mi.)***	***BB375***	***1261***

Local Lists of Hazardous waste / Contaminated Sites

NY DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY DEL SHWS list,
as provided by EDR, has revealed that there is 1 NY DEL SHWS site
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARROLL GARDENS Site Code Id: 224012: Status::	CORNER OF 5TH STREET	W 1/2 - 1 (0.592 mi.)	398	1341

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY Spills list,
as provided by EDR, has revealed that there are 35 NY Spills sites
within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ZORRIANO ASSOCIATES	568 A UNION STREET	S 0 - 1/8 (0.012 mi.)	A14	26

Spill Number/Closed Date: 9803217 / 2014-08-27:
Spill Date: 1998-06-12:
Site ID: 59935:

VACANT PROPERTY- PHA Spill Number/Closed Date: 1809848 / 2019-11-12: Spill Date: 2018-12-21: Site ID: 580714:	607-615 SACKETT STRE	ENE 0 - 1/8 (0.014 mi.)	A15	27
A. WILLIAMS CONSTRUC Spill Number/Closed Date: 0204259 / 2009-03-30: Spill Number/Closed Date: 0612588 / 2008-02-12: Spill Date: 2002-07-24: Spill Date: 2007-02-20: Site ID: 292490: Site ID: 377469:	225 3RD AVE	NNE 0 - 1/8 (0.016 mi.)	A18	34
CONSTRUCTION SITE Spill Number/Closed Date: 2005071 / 2020-10-14: Spill Date: 2020-09-02: Site ID: 610844:	601 - 615 SACKETT ST	ENE 0 - 1/8 (0.017 mi.)	A19	39
GROUND Spill Number/Closed Date: 2005102 / 2020-09-03: Spill Date: 2020-09-03: Site ID: 610877:	615 SACKETT ST	ENE 0 - 1/8 (0.020 mi.)	B22	45
3RD AVE YARD Spill Number/Closed Date: 0012321 / 2003-06-23: Spill Date: 2001-02-16: Site ID: 210416:	222 3RD AVE	N 0 - 1/8 (0.027 mi.)	A23	46
SPILL NUMBER 0211682 Spill Number/Closed Date: 0211682 / 2003-02-25: Spill Date: 2003-02-25: Site ID: 162924:	612 DEGRAW ST	ENE 0 - 1/8 (0.042 mi.)	B32	59
ABF FREIGHTS Spill Number/Closed Date: 2006668 / 2020-10-22: Spill Date: 2020-10-22: Site ID: 612520:	545 PRESIDENT ST	S 0 - 1/8 (0.044 mi.)	D33	60
RISE STONE AND SURFA Spill Number/Closed Date: 2008680 / 2021-01-13: Spill Date: 2021-01-11: Site ID: 615630:	578 DEGRAW ST	NNE 0 - 1/8 (0.044 mi.)	B34	61
COMMERCIAL PROPERTY Spill Number/Closed Date: 0801906 / 2013-07-03: Spill Date: 2008-04-30: Site ID: 397947:	620 DEGRAW STREET	ENE 0 - 1/8 (0.050 mi.)	B36	65
PRESIDENT STREET & Spill Number/Closed Date: 0004300 / 2001-10-17: Spill Date: 2000-07-10: Site ID: 285343:	THIRD AVE	SW 0 - 1/8 (0.056 mi.)	D42	94
SERVICE BOX Spill Number/Closed Date: 1411530 / 2015-04-24: Spill Date: 2015-03-10: Site ID: 505312:	635 SACKETT STREET	E 0 - 1/8 (0.058 mi.)	B44	100
SB SERVICE BOX # 442	654 SACKETT STREET	ESE 0 - 1/8 (0.063 mi.)	C45	102

Spill Number/Closed Date: 0411328 / 2005-07-21:
Spill Date: 2005-01-18:
Site ID: 336506:

PRIVATE DWELLING | 651 UNION ST | SE 0 - 1/8 (0.064 mi.) | C50 | 110
Spill Number/Closed Date: 1205449 / 2013-03-26:
Spill Date: 2012-08-29:
Site ID: 468401:

HESS STATION 32530 | ***204-222 4TH AVENUE*** | ***ESE 0 - 1/8 (0.080 mi.)*** | ***C57*** | ***124***
Spill Number/Closed Date: 0210654 / 2003-11-03:
Spill Number/Closed Date: 0602980 / 2006-09-12:
Spill Number/Closed Date: 9605719 / Not Reported:
Spill Date: 1996-08-02:
Spill Date: 2003-01-23:
Spill Date: 2006-06-17:
Site ID: 365575:
Site ID: 74469:
Site ID: 74470:

SPEEDWAY #7835 - PBS | 204 - 222 4TH AVE | ESE 0 - 1/8 (0.080 mi.) | C59 | 150
Spill Number/Closed Date: 1608842 / 2017-03-03:
Spill Date: 2016-12-17:
Site ID: 537587:

UNION ST STATION-NYC | UNION ST/4TH AV | SE 0 - 1/8 (0.091 mi.) | J74 | 202
Spill Number/Closed Date: 0104798 / 2004-02-05:
Spill Date: 2001-08-03:
Site ID: 135360:

BIG CITY AUTO PARTS | 196 4TH AVE | E 0 - 1/8 (0.091 mi.) | L75 | 203
Spill Number/Closed Date: 1108073 / 2011-12-01:
Spill Date: 2011-09-23:
Site ID: 455789:

280 DOUGLAS ST | ***280 DOUGLAS STREET*** | ***NNE 0 - 1/8 (0.093 mi.)*** | ***G79*** | ***215***
Spill Number/Closed Date: 9310083 / 1993-11-18:
Spill Number/Closed Date: 9415530 / 1995-03-01:
Spill Number/Closed Date: 9415539 / 1995-02-28:
Spill Date: 1993-11-18:
Spill Date: 1995-02-28:
Site ID: 121830:
Site ID: 121831:
Site ID: 160989:

PROCIDA REALTY | 505 CARROLL STREET | SSW 0 - 1/8 (0.094 mi.) | H80 | 219
Spill Number/Closed Date: 0602894 / 2008-10-20:
Spill Date: 2006-06-15:
Site ID: 365475:

UNION STREET SUBWAY | UNION ST/4TH AV | SE 0 - 1/8 (0.100 mi.) | J88 | 253
Spill Number/Closed Date: 0201876 / 2002-05-22:
Spill Date: 2002-05-21:
Site ID: 65859:

VAULT #5491 | SACKETT ST & 4TH AVE | ESE 0 - 1/8 (0.102 mi.) | L91 | 262
Spill Number/Closed Date: 9911109 / 2002-03-28:
Spill Date: 1999-12-20:
Site ID: 140231:

EMPTY LOT | 639 DEGRAW STREET | E 0 - 1/8 (0.104 mi.) | K94 | 268

Spill Number/Closed Date: 1605774 / 2016-09-08:
Spill Date: 2016-09-08:
Site ID: 532332:

CONSTRUCTION SITE — 207 4TH AVE — ESE 0 - 1/8 (0.112 mi.) — L104 — 292
Spill Number/Closed Date: 0512890 / 2006-02-07:
Spill Date: 2006-01-21:
Site ID: 359279:

BP AMOCO STATION #38 — 164 4TH AVE — ENE 0 - 1/8 (0.114 mi.) — K110 — 302
Spill Number/Closed Date: 9713442 / 2017-08-04:
Spill Date: 1998-03-04:
Site ID: 174714:

PUBLIC SCHOOL — ***512 CARROLL ST*** — ***S 0 - 1/8 (0.118 mi.)*** — ***N125*** — ***345***
Spill Number/Closed Date: 0402598 / 2021-10-20:
Spill Date: 2004-06-09:
Site ID: 288471:

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION ST &	THIRD AVE	WSW 0 - 1/8 (0.008 mi.)	A13	25
Spill Number/Closed Date: 0004302 / 2001-10-17:				
Spill Date: 2000-07-10:				
Site ID: 285344:				
COMMERCIAL	585 UNION STREET	W 0 - 1/8 (0.038 mi.)	E29	55
Spill Number/Closed Date: 2009932 / Not Reported:				
Spill Date: 2021-02-09:				
Site ID: 616950:				
PRESIDENT STREET	BETWEEN 3RD AVENUE/N	WSW 0 - 1/8 (0.080 mi.)	I61	180
Spill Number/Closed Date: 0003302 / 2003-05-05:				
Spill Date: 2000-06-15:				
Site ID: 237235:				
537 SACKETT STREET	537 SACKETT STREET	NW 0 - 1/8 (0.099 mi.)	M85	234
Spill Number/Closed Date: 9310522 / 1993-11-30:				
Spill Date: 1993-11-30:				
Site ID: 326065:				
SANDY FOLLOW UP	287 NEVINS ST	WNW 0 - 1/8 (0.109 mi.)	M100	278
Spill Number/Closed Date: 1209647 / 2013-04-25:				
Spill Date: 2012-11-07:				
Site ID: 472713:				
REGULATOR R-22	NEVIN & PRESIDENT ST	W 0 - 1/8 (0.113 mi.)	I108	299
Spill Number/Closed Date: 8801819 / 1988-05-27:				
Spill Date: 1988-05-27:				
Site ID: 193452:				
RESTURANT/RESIDENCE	451 CARROLL ST	WSW 0 - 1/8 (0.115 mi.)	I116	324
Spill Number/Closed Date: 0509324 / 2006-06-21:				
Spill Date: 2005-11-03:				
Site ID: 355089:				
DOUGLASS STREET AND	NEVIS STREET AND 3RD	N 0 - 1/8 (0.121 mi.)	P136	375
Spill Number/Closed Date: 0307793 / 2003-11-13:				
Spill Date: 2003-10-23:				
Site ID: 313319:				
MANHOLE 2545	468 CARROLL ST	SW 0 - 1/8 (0.123 mi.)	R139	381

Spill Number/Closed Date: 0300423 / 2003-04-15:
Spill Date: 2003-04-11:
Site ID: 293386:

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the RCRA NonGen / NLR list, as provided by EDR, has revealed that there are 69 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EXCAVATIO EPA ID:: NYP004551230: EPA ID:: NYP004551230: EPA ID:: NYP004551230:	251 3RD AVE	SSW 0 - 1/8 (0.016 mi.)	A16	30
CON EDISON SERVICE B EPA ID:: NYP004376315: EPA ID:: NYP004376315:	***578 UNION ST***	***S 0 - 1/8 (0.018 mi.)***	***A20***	***41***
CON EDISON SERVICE B EPA ID:: NYP004349064: EPA ID:: NYP004349064:	***604 UNION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C39***	***86***
CON EDISON MANHOLE: EPA ID:: NYP004299277: EPA ID:: NYP004299277:	***3RD AVE & DEGRAW ST***	***NNE 0 - 1/8 (0.053 mi.)***	***G40***	***89***
SEMPLE RIEGER CO EPA ID:: NYD986891885: EPA ID:: NYD986891885: EPA ID:: NYD986891885: EPA ID:: NYD986891885:	***635 SACKETT ST***	***E 0 - 1/8 (0.058 mi.)***	***B43***	***95***
NYCT - UNION STATION EPA ID:: NYR000107938: EPA ID:: NYR000107938: EPA ID:: NYR000107938:	***UNION ST & 4TH AVE***	***SE 0 - 1/8 (0.091 mi.)***	***J73***	***197***
RYDER TRUCK RENTAL I EPA ID:: NYD981567431: EPA ID:: NYD981567431: EPA ID:: NYD981567431: EPA ID:: NYD981567431:	***280 DOUGLAS ST***	***NNE 0 - 1/8 (0.093 mi.)***	***G77***	***205***
CON EDISON EPA ID:: NYP004757548: EPA ID:: NYP004757548:	***511 CARROLL ST***	***S 0 - 1/8 (0.094 mi.)***	***H82***	***228***
CON EDISON MANHOLE: EPA ID:: NYP004318366:	***4TH & UNION AVE***	***SE 0 - 1/8 (0.100 mi.)***	***J90***	***258***

EPA ID:: NYP004318366:				
CON EDISON	***DENTON ST & CARROLL***	***S 0 - 1/8 (0.112 mi.)***	***H105***	***294***
EPA ID:: NYP004757555:				
EPA ID:: NYP004757555:				
CON EDISON	***315 DOUGLASS ST SB13***	***NE 0 - 1/8 (0.118 mi.)***	***Q131***	***360***
EPA ID:: NYP004772349:				
EPA ID:: NYP004772349:				
CON EDISON	315 DOUGLASS ST SB13	NE 0 - 1/8 (0.118 mi.)	Q132	362
EPA ID:: NYP004772364:				
EPA ID:: NYP004772364:				
CON EDISON	191 3RD AVE	NNE 0 - 1/8 (0.119 mi.)	P133	365
EPA ID:: NYP005242946:				
ELECTRIC SWITCHBOARD	***185 THIRD AVE***	***NNE 0 - 1/8 (0.120 mi.)***	***P134***	***367***
EPA ID:: NYD001548254:				
EPA ID:: NYD001548254:				
EPA ID:: NYD001548254:				
EPA ID:: NYD001548254:				
CON EDISON MANHOLE:	540 CARROLL ST	S 1/8 - 1/4 (0.130 mi.)	N146	412
EPA ID:: NYP004571485:				
EPA ID:: NYP004571485:				
EPA ID:: NYP004571485:				
CON EDISON	664 DEGRAW ST	E 1/8 - 1/4 (0.130 mi.)	L148	416
EPA ID:: NYP004781910:				
EPA ID:: NYP004781910:				
NYCDOT BRIDGE BIN 22	PRESIDENT ST BRG OVE	SSE 1/8 - 1/4 (0.132 mi.)	S153	429
EPA ID:: NY0000375220:				
EPA ID:: NY0000375220:				
EPA ID:: NY0000375220:				
MARCELINO ALMONTE M	***164 4TH AVE & DOUGLA***	***ENE 1/8 - 1/4 (0.134 mi.)***	***K156***	***436***
EPA ID:: NYD987021433:				
EPA ID:: NYD987021433:				
EPA ID:: NYD987021433:				
CON EDISON	***4TH AVE & DOUGLASS S***	***ENE 1/8 - 1/4 (0.138 mi.)***	***U161***	***452***
EPA ID:: NYP004882375:				
EPA ID:: NYP004882375:				
245 4TH AVENUE LLC	***243-245 4TH AVE***	***SSE 1/8 - 1/4 (0.139 mi.)***	***S164***	***458***
EPA ID:: NYR000229906:				
EPA ID:: NYR000229906:				
CON EDISON	***298 BUTLER ST***	***NNE 1/8 - 1/4 (0.140 mi.)***	***Q167***	***464***
EPA ID:: NYP004766002:				
EPA ID:: NYP004766002:				
CON EDISON	***CARROLL ST & 4TH AVE***	***SSE 1/8 - 1/4 (0.140 mi.)***	***N170***	***469***
EPA ID:: NYP004757563:				
EPA ID:: NYP004757563:				
AUTO BODY CONCEPTS D	270 4TH AVE	SSE 1/8 - 1/4 (0.141 mi.)	N173	477
EPA ID:: NYR000060392:				
EPA ID:: NYR000060392:				
EPA ID:: NYR000060392:				
CON EDISON	255 4TH AVE	SSE 1/8 - 1/4 (0.160 mi.)	S193	544

EPA ID:: NYP004879932:				
EPA ID:: NYP004879932:				
EPA ID:: NYP004879932:				
SHERWIN-WILLIAMS #52	313 BUTLER ST	NNE 1/8 - 1/4 (0.165 mi.)	Z207	571
EPA ID:: NYR000186734:				
EPA ID:: NYR000186734:				
DICENT SERVICE STATI	***169 3RD AVE***	***NNE 1/8 - 1/4 (0.167 mi.)***	***Z210***	***580***
EPA ID:: NYU005001177:				
EPA ID:: NYU005001177:				
EPA ID:: NYU005001177:				
CON EDISON SERVICE B	***9 GARFIELD ST***	***SSE 1/8 - 1/4 (0.172 mi.)***	***AA213***	***587***
EPA ID:: NYP004572756:				
EPA ID:: NYP004572756:				
EPA ID:: NYP004572756:				
CON EDISON	221 1ST	SSW 1/8 - 1/4 (0.173 mi.)	AB216	591
EPA ID:: NYP004772869:				
EPA ID:: NYP004772869:				
CON EDISON	221 1ST ST	SSW 1/8 - 1/4 (0.173 mi.)	AB218	595
EPA ID:: NYP004837696:				
EPA ID:: NYP004837696:				
EPA ID:: NYP004837696:				
TM439	***222 1ST STREET***	***SSW 1/8 - 1/4 (0.180 mi.)***	***AB226***	***615***
EPA ID:: NYP004036729:				
EPA ID:: NYP004036729:				
EPA ID:: NYP004036729:				
CON EDISON SERVICE B	***368 DOUGLASS ST***	***E 1/8 - 1/4 (0.181 mi.)***	***AF239***	***671***
EPA ID:: NYP004362000:				
EPA ID:: NYP004362000:				
CON EDISON SERVICE B	***675 DEGRAW ST***	***E 1/8 - 1/4 (0.193 mi.)***	***AF244***	***681***
EPA ID:: NYP004352324:				
EPA ID:: NYP004352324:				
CON EDISON SERVICE B	12 GARFIELD PL	SSE 1/8 - 1/4 (0.195 mi.)	AA248	691
EPA ID:: NYP005172960:				
CON EDISON	***577 CARROLL ST***	***SE 1/8 - 1/4 (0.196 mi.)***	***AG252***	***699***
EPA ID:: NYP004735734:				
EPA ID:: NYP004735734:				
CON EDISON	***584 CARROLL ST***	***SSE 1/8 - 1/4 (0.200 mi.)***	***AA255***	***705***
EPA ID:: NYP004744215:				
EPA ID:: NYP004744215:				
EPA ID:: NYP004744215:				
NORTHLAND MARKETING	***126 4TH AVE***	***NE 1/8 - 1/4 (0.202 mi.)***	***AH266***	***744***
EPA ID:: NYU005001151:				
EPA ID:: NYU005001151:				
EPA ID:: NYU005001151:				
CON EDISON MANHOLE:	***3RD AVE & BALTIC ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***AJ271***	***772***
EPA ID:: NYP004428272:				
EPA ID:: NYP004428272:				
CON EDISON	***586 CARROL ST***	***SSE 1/8 - 1/4 (0.203 mi.)***	***AG274***	***778***
EPA ID:: NYP004743068:				
EPA ID:: NYP004743068:				
CON EDISON	***590 CARROLL ST***	***SSE 1/8 - 1/4 (0.209 mi.)***	***AG279***	***787***

EPA ID:: NYP004744306:
EPA ID:: NYP004744306:
EPA ID:: NYP004744306:

CON EDISON SERVICE B	***726 SACKETT ST***	***ESE 1/8 - 1/4 (0.211 mi.)***	***284***	***820***
EPA ID:: NYP004349585:				
EPA ID:: NYP004349585:				
CON EDISON SERVICE B	***551 BALTIC ST***	***NNE 1/8 - 1/4 (0.212 mi.)***	***AJ285***	***824***
EPA ID:: NYP004428231:				
EPA ID:: NYP004428231:				
CON EDISON	***22 GARFIELD ST***	***SSE 1/8 - 1/4 (0.212 mi.)***	***AA291***	***844***
EPA ID:: NYP004738910:				
EPA ID:: NYP004738910:				
MAACO AUTO PAINTING	***296 4TH AVE & 1ST ST***	***S 1/8 - 1/4 (0.214 mi.)***	***AE295***	***852***
EPA ID:: NYD986925642:				
EPA ID:: NYD986925642:				
EPA ID:: NYD986925642:				
EPA ID:: NYD986925642:				
CON EDISON	***BALTIC ST & 4TH AVE***	***ENE 1/8 - 1/4 (0.225 mi.)***	***312***	***931***
EPA ID:: NYP004743753:				
EPA ID:: NYP004743753:				
NYCHA - WYCKOFF	***130 3RD AVE***	***NNE 1/8 - 1/4 (0.230 mi.)***	***AJ315***	***961***
EPA ID:: NYR000052720:				
EPA ID:: NYR000052720:				
EPA ID:: NYR000052720:				
CON EDISON SERVICE B	***128 3RD AVE***	***NNE 1/8 - 1/4 (0.232 mi.)***	***AJ317***	***967***
EPA ID:: NYP004330551:				
EPA ID:: NYP004330551:				
CON EDISON SERVICE B	620 BALTIC ST	ENE 1/8 - 1/4 (0.238 mi.)	AL325	1009
EPA ID:: NYP004326518:				
EPA ID:: NYP004326518:				
RALPHS CLEANERS	***230 FIFTH AVE***	***SE 1/8 - 1/4 (0.242 mi.)***	***AO329***	***1030***
EPA ID:: NYD986951069:				
EPA ID:: NYD986951069:				
EPA ID:: NYD986951069:				
CON EDISON SERVICE B	***100 4TH ST & 2ND AVE***	***S 1/8 - 1/4 (0.249 mi.)***	***AS340***	***1057***
EPA ID:: NYP004425880:				
EPA ID:: NYP004425880:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	***SACKETT ST & 3RD AVE***	***N 0 - 1/8 (0.007 mi.)***	***A7***	***14***
EPA ID:: NYP004841512:				
EPA ID:: NYP004841512:				
CON EDISON	***617 UNION ST & 3RD A***	***WSW 0 - 1/8 (0.008 mi.)***	***A9***	***17***
EPA ID:: NYP004836340:				
EPA ID:: NYP004836340:				
MATTHEWS INTERNATION	585 UNION ST	W 0 - 1/8 (0.038 mi.)	E28	53
EPA ID:: NYN008027997:				
CON EDISON	501 PRESIDENT ST	WSW 0 - 1/8 (0.063 mi.)	D46	103
EPA ID:: NYP004795480:				

EPA ID:: NYP004795480:				
AUTO BODY CONCEPTS	***549 SACKETT ST***	***NW 0 - 1/8 (0.074 mi.)***	***F54***	***117***
EPA ID:: NYD986984136:				
EPA ID:: NYD986984136:				
EPA ID:: NYD986984136:				
EPA ID:: NYD986984136:				
JO-LEE TRUCKING	463 CARROLL ST	SW 0 - 1/8 (0.100 mi.)	I89	254
EPA ID:: NYR000131938:				
EPA ID:: NYR000131938:				
EPA ID:: NYR000131938:				
CON EDISON	451 CARROLL ST FRONT	WSW 0 - 1/8 (0.115 mi.)	I119	328
EPA ID:: NYP004818912:				
EPA ID:: NYP004818912:				
CON EDISON SERVICE B	***265 DOUGLAS ST FRONT***	***N 0 - 1/8 (0.120 mi.)***	***P135***	***372***
EPA ID:: NYP004341855:				
EPA ID:: NYP004341855:				
CON EDISON	***443 CARROLL ST***	***WSW 0 - 1/8 (0.122 mi.)***	***I137***	***376***
EPA ID:: NYP004827267:				
EPA ID:: NYP004827267:				
CHATHAM CLEANERS INC	***280 NEVINS STREET***	***WNW 1/8 - 1/4 (0.130 mi.)***	***M151***	***422***
EPA ID:: NYD981133747:				
EPA ID:: NYD981133747:				
EPA ID:: NYD981133747:				
EPA ID:: NYD981133747:				
FINEST AUTO & RECOVE	***310 3RD AVE***	***SW 1/8 - 1/4 (0.148 mi.)***	***R179***	***496***
EPA ID:: NYR000090431:				
EPA ID:: NYR000090431:				
EPA ID:: NYR000090431:				
CROSSBAY BAY CONTRAC	242 NEVINS ST	NNW 1/8 - 1/4 (0.156 mi.)	W188	537
EPA ID:: NYD012515870:				
EPA ID:: NYD012515870:				
EPA ID:: NYD012515870:				
EPA ID:: NYD012515870:				
CON EDISON	***CARROLL ST & NEVINS***	***WSW 1/8 - 1/4 (0.161 mi.)***	***Y195***	***548***
EPA ID:: NYP004822777:				
EPA ID:: NYP004822777:				
NYSDOT UNION ST BRID	UNION ST BRG - GOWAN	WNW 1/8 - 1/4 (0.162 mi.)	T204	564
EPA ID:: NYD986975324:				
EPA ID:: NYD986975324:				
EPA ID:: NYD986975324:				
TANKS TO U	***233 NEVINS ST***	***N 1/8 - 1/4 (0.175 mi.)***	***AD221***	***607***
EPA ID:: NYR000114371:				
EPA ID:: NYR000114371:				
EPA ID:: NYR000114371:				
CON EDISON	***526 BALTIC ST***	***N 1/8 - 1/4 (0.200 mi.)***	***AC258***	***711***
EPA ID:: NYP004732681:				
EPA ID:: NYP004732681:				
BAYSIDE FUEL OIL DEP	***510 SACKETT ST***	***WNW 1/8 - 1/4 (0.202 mi.)***	***AI270***	***767***
EPA ID:: NYD981872419:				
EPA ID:: NYD981872419:				

EPA ID:: NYD981872419:				
EPA ID:: NYD981872419:				
CON EDISON	223 NEVINS ST	N 1/8 - 1/4 (0.207 mi.)	AC278	784
EPA ID:: NYP004138798:				
EPA ID:: NYP004138798:				
EPA ID:: NYP004138798:				
PETROLEUM TANK CLEAN	***236 BUTLER ST***	***NNW 1/8 - 1/4 (0.212 mi.)***	***AD287***	***832***
EPA ID:: NYD020585733:				
EPA ID:: NYD020585733:				
EPA ID:: NYD020585733:				
EPA ID:: NYD020585733:				
EPA ID:: NYD020585733:				
EPA ID:: NYD020585733:				
DENTS OUT AUTO BODY	***327 BOND ST***	***W 1/8 - 1/4 (0.246 mi.)***	***AR336***	***1048***
EPA ID:: NYD986961167:				
EPA ID:: NYD986961167:				
EPA ID:: NYD986961167:				

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN B***	***NNW 1/8 - 1/4 (0.210 mi.)***	***AK283***	***795***
EPA ID:: NYN000206222:				

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY DRYCLEANERS list, as provided by EDR, has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KLOR-DE CLEANERS	263 3RD AVENUE	SW 0 - 1/8 (0.035 mi.)	D26	51
Facility Id: 2-6103-00151:				
RALPH'S CLEANERS	230 FIFTH AVE.	SE 1/8 - 1/4 (0.242 mi.)	AO330	1034
Facility Id: 2-6103-00246:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHATHAM CLEANERS	280 NEVINS ST	WNW 1/8 - 1/4 (0.130 mi.)	M152	429
Facility Id: 2-6103-00162:				

EXECUTIVE SUMMARY

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY HSWDS list, as provided by EDR, has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUG, CITIZENS GATE S Facility Id: : Facility Status: U:	6TH STREET AND 2ND A	SW 1/4 - 1/2 (0.449 mi.)	386	1322

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NY MANIFEST list, as provided by EDR, has revealed that there are 107 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON ED EPA ID : NYP004836340:	617 UNION ST & 3RD A	SSE 0 - 1/8 (0.005 mi.)	A4	11
CON EDISON EPA ID : NYP004551230:	251 3RD AVE	SSW 0 - 1/8 (0.016 mi.)	A17	33
CON EDISON SERVICE B EPA ID : NYP004376315:	***578 UNION ST***	***S 0 - 1/8 (0.018 mi.)***	***A20***	***41***
CON EDISON SERVICE B EPA ID : NYP004349064:	***604 UNION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C39***	***86***
CON EDISON MANHOLE: EPA ID : NYP004299277:	***3RD AVE & DEGRAW ST***	***NNE 0 - 1/8 (0.053 mi.)***	***G40***	***89***
CONSOLIDATED EDISON EPA ID : NYP004047791:	V5491-633 SACKETT ST	ESE 0 - 1/8 (0.054 mi.)	C41	93
SEMPLE RIEGER CO EPA ID : NYD986891885:	***635 SACKETT ST***	***E 0 - 1/8 (0.058 mi.)***	***B43***	***95***
HESS#32530 EPA ID : NYD982185563:	***204-222 FOURTH AVE***	***ESE 0 - 1/8 (0.080 mi.)***	***C58***	***143***
CON EDISON EPA ID : NYP004974760:	284 THIRD AVE	SW 0 - 1/8 (0.085 mi.)	I68	189
CON EDISON EPA ID : NYP004959132:	284 3RD AVE	SW 0 - 1/8 (0.085 mi.)	I69	190
NYCT - UNION STATION EPA ID : NYR000107938:	***UNION ST & 4TH AVE***	***SE 0 - 1/8 (0.091 mi.)***	***J73***	***197***
RYDER TRUCK RENTAL I	***280 DOUGLAS ST***	***NNE 0 - 1/8 (0.093 mi.)***	***G77***	***205***

EPA ID : NYD981567431:				
CON EDISON EPA ID : NYP004757548:	511 CARROLL ST	S 0 - 1/8 (0.094 mi.)	H83	231
CON EDISON MANHOLE: EPA ID : NYP004318366:	***4TH & UNION AVE***	***SE 0 - 1/8 (0.100 mi.)***	***J90***	***258***
CON EDISON EPA ID : NYP004757555:	DENTON ST & CARROLL	S 0 - 1/8 (0.112 mi.)	H106	296
BP PRODUCTS NORTH AM EPA ID : NYD987021425:	***164 4TH AVE***	***ENE 0 - 1/8 (0.114 mi.)***	***K111***	***310***
PS 418 K SCHOOL EPA ID : NYR000199968:	***512 CARROLL ST***	***S 0 - 1/8 (0.118 mi.)***	***N126***	***349***
CON EDISON EPA ID : NYP004772349:	315 DOUGLASS ST SB13	NE 0 - 1/8 (0.118 mi.)	Q129	357
CON EDISON EPA ID : NYP004772364:	315 DOUGLASS ST SB13	NE 0 - 1/8 (0.118 mi.)	Q130	358
ELECTRIC SWITCHBOARD EPA ID : NYD001548254:	***185 THIRD AVE***	***NNE 0 - 1/8 (0.120 mi.)***	***P134***	***367***
CON EDISON EPA ID : NYP004571485:	540 CARROLL ST	S 1/8 - 1/4 (0.130 mi.)	N147	414
CON EDISON EPA ID : NYP004781910: EPA ID : NYP004856769:	664 DEGRAW ST	E 1/8 - 1/4 (0.130 mi.)	L150	419
CON EDISON EPA ID : NYP004691457:	586 PRESIDENT ST	SSE 1/8 - 1/4 (0.135 mi.)	S157	439
243 DEVELOPMENT LLC EPA ID : NYR000229906:	243-245 4TH AVE	SSE 1/8 - 1/4 (0.139 mi.)	S163	456
CON EDISON EPA ID : NYP004766002:	298 BUTLER ST	NNE 1/8 - 1/4 (0.140 mi.)	Q168	467
CON EDISON - MANHOLE EPA ID : NYP004299269:	***314 BUTLER ST***	***NE 1/8 - 1/4 (0.142 mi.)***	***Q174***	***481***
CON EDISON EPA ID : NYP004704458:	688 SACKET ST	ESE 1/8 - 1/4 (0.145 mi.)	V175	486
CON EDISON EPA ID : NYP004632907: EPA ID : NYP004707279:	688 SACKETT ST	ESE 1/8 - 1/4 (0.146 mi.)	V176	487
CON EDISON EPA ID : NYP004669222:	688 SACKETT ST	ESE 1/8 - 1/4 (0.146 mi.)	V177	490
CON ED EPA ID : NYP004879932:	255 4TH AVE	SSE 1/8 - 1/4 (0.160 mi.)	S192	543
SHERWIN-WILLIAMS #52 EPA ID : NYR000186734:	313 BUTLER ST	NNE 1/8 - 1/4 (0.165 mi.)	Z208	575
NYCDEP EPA ID : NYP003662400:	4TH AVE & 2ND ST	ENE 1/8 - 1/4 (0.171 mi.)	U212	586
CON EDISON EPA ID : NYP004572756:	9 GARFIELD ST	SSE 1/8 - 1/4 (0.172 mi.)	AA214	589
CON EDISON EPA ID : NYP004772869:	221 1ST	SSW 1/8 - 1/4 (0.173 mi.)	AB217	594
CON EDISON	***221 1ST ST***	***SSW 1/8 - 1/4 (0.173 mi.)***	***AB219***	***598***

EPA ID : NYP004837696:				
CON EDISON EPA ID : NYP004615274:	292 4TH AV	S 1/8 - 1/4 (0.177 mi.)	AE223	611
CON EDISON EPA ID : NYP004655908:	292 4TH AV	S 1/8 - 1/4 (0.177 mi.)	AE224	613
LOT 67,TAXBLOCK 961 EPA ID : NYP004980361:	***15 GARFIELD PLACE***	***SSE 1/8 - 1/4 (0.178 mi.)***	***AA225***	***614***
TM439 EPA ID : NYP004036729:	***222 1ST STREET***	***SSW 1/8 - 1/4 (0.180 mi.)***	***AB226***	***615***
CON EDISON EPA ID : NYP004704771:	222 1ST ST	SSW 1/8 - 1/4 (0.180 mi.)	AB228	650
CON EDISON EPA ID : NYP004704946:	222 FIRST ST	SSW 1/8 - 1/4 (0.180 mi.)	AB229	652
CONSOLIDATED EDISON EPA ID : NYD000706218:	222 FIRST STREET	SSW 1/8 - 1/4 (0.180 mi.)	AB231	656
CONSOLIDATED EDISON EPA ID : NYP000706218:	222 FIRST ST	SSW 1/8 - 1/4 (0.180 mi.)	AB232	657
CON ED EPA ID : NYP004851131:	222 1 ST	SSW 1/8 - 1/4 (0.180 mi.)	AB234	659
CONSOLIDATED EDISON EPA ID : NYP000920355:	222 1ST ST	SSW 1/8 - 1/4 (0.180 mi.)	AB235	660
CON EDISON EPA ID : NYP004703534:	222 FIRST ST	SSW 1/8 - 1/4 (0.180 mi.)	AB236	661
CON EDISON SERVICE B EPA ID : NYP004362000:	***368 DOUGLASS ST***	***E 1/8 - 1/4 (0.181 mi.)***	***AF239***	***671***
CON EDISON EPA ID : NYP004857579:	363-365 DOUGLAS ST	ENE 1/8 - 1/4 (0.181 mi.)	U240	674
CON EDISON SERVICE B EPA ID : NYP004352324:	***675 DEGRAW ST***	***E 1/8 - 1/4 (0.193 mi.)***	***AF244***	***681***
CON EDISON EPA ID : NYP004735734:	577 CARROLL ST	SE 1/8 - 1/4 (0.196 mi.)	AG250	696
CON EDISON EPA ID : NYP004744215:	584 CARROLL ST	SSE 1/8 - 1/4 (0.200 mi.)	AA254	704
275 4TH AVE INVESTOR EPA ID : NYD986914133:	275 4TH AVE	S 1/8 - 1/4 (0.200 mi.)	AA261	722
CON EDISON MANHOLE: EPA ID : NYP004428272:	***3RD AVE & BALTIC ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***AJ271***	***772***
CON EDISON EPA ID : NYP004743068:	586 CARROL ST	SSE 1/8 - 1/4 (0.203 mi.)	AG273	777
CON EDISON EPA ID : NYP004744306:	590 CARROLL ST	SSE 1/8 - 1/4 (0.209 mi.)	AG281	791
CON EDISON SERVICE B EPA ID : NYP004349585:	***726 SACKETT ST***	***ESE 1/8 - 1/4 (0.211 mi.)***	***284***	***820***
CON EDISON SERVICE B EPA ID : NYP004428231:	***551 BALTIC ST***	***NNE 1/8 - 1/4 (0.212 mi.)***	***AJ285***	***824***
CON EDISON	22 GARFIELD ST	SSE 1/8 - 1/4 (0.212 mi.)	AA290	843

EPA ID : NYP004738910:				
CON EDISON - SERVICE EPA ID : NYP004975775:	385 DOUGLASS ST	E 1/8 - 1/4 (0.213 mi.)	AF294	851
MAACO AUTO PAINTING EPA ID : NYD986925642:	***296 4TH AVE & 1ST ST***	***S 1/8 - 1/4 (0.214 mi.)***	***AE295***	***852***
CON EDISON - SERVICE EPA ID : NYP004977890:	255 1ST ST	SSE 1/8 - 1/4 (0.215 mi.)	AA298	863
PS 133K SCHOOL EPA ID : NYR000173732:	***610 BALTIC ST***	***ENE 1/8 - 1/4 (0.229 mi.)***	***AL314***	***938***
NYCHA - WYCKOFF EPA ID : NYR000052720:	***130 3RD AVE***	***NNE 1/8 - 1/4 (0.230 mi.)***	***AJ315***	***961***
CON EDISON SERVICE B EPA ID : NYP004330551:	***128 3RD AVE***	***NNE 1/8 - 1/4 (0.232 mi.)***	***AJ317***	***967***
RALPHS CLEANERS EPA ID : NYD986951069:	***230 FIFTH AVE***	***SE 1/8 - 1/4 (0.242 mi.)***	***AO329***	***1030***
CON EDISON SERVICE B EPA ID : NYP004425880:	***100 4TH ST & 2ND AVE***	***S 1/8 - 1/4 (0.249 mi.)***	***AS340***	***1057***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP EPA ID : NYP010001790:	SACKETT ST & 3RD AVE	N 0 - 1/8 (0.007 mi.)	A6	13
BELL ATLANTIC-NY EPA ID : NYP000940593:	SACKETT & 3 AVE MANH	N 0 - 1/8 (0.008 mi.)	A10	20
CON EDISON EPA ID : NYP005022769:	232 3RD AVE	NNW 0 - 1/8 (0.008 mi.)	A12	23
CON EDISON EPA ID : NYP004795480:	501 PRESIDENT ST	WSW 0 - 1/8 (0.063 mi.)	D48	107
AUTO BODY CONCEPTS EPA ID : NYD986984136:	***549 SACKETT ST***	***NW 0 - 1/8 (0.074 mi.)***	***F54***	***117***
PARK SLOPE PAINT STR EPA ID : NYR000170472:	***553 UNION ST***	***WNW 0 - 1/8 (0.099 mi.)***	***M87***	***235***
LINDA TOOL & DIE COR EPA ID : NYD987025822:	***459 CARROLL ST***	***SW 0 - 1/8 (0.104 mi.)***	***I93***	***263***
CON EDISON - SERVICE EPA ID : NYP005072996:	484 PRESIDENT ST	WSW 0 - 1/8 (0.105 mi.)	I96	272
473 PRESIDENT STREET EPA ID : NYR000232116:	***473 PRESIDENT STREET***	***W 0 - 1/8 (0.111 mi.)***	***I103***	***288***
CON EDISON EPA ID : NYP004818912:	451 CARROLL ST FRONT	WSW 0 - 1/8 (0.115 mi.)	I118	327
CON EDISON SERVICE B EPA ID : NYP004341855:	***265 DOUGLAS ST FRONT***	***N 0 - 1/8 (0.120 mi.)***	***P135***	***372***
CON ED EPA ID : NYP004827627:	443 CARROLL ST	WSW 0 - 1/8 (0.122 mi.)	I138	379
CRUSADER CANDLE CO I EPA ID : NYD987005840:	***325 NEVINS ST***	***W 1/8 - 1/4 (0.128 mi.)***	***O141***	***383***
CON EDISON - SERVICE	302 3RD AVE	SW 1/8 - 1/4 (0.129 mi.)	R144	409

EPA ID : NYP005136561:				
CHATHAM CLEANERS INC	***280 NEVINS STREET***	***WNW 1/8 - 1/4 (0.130 mi.)***	***M151***	***422***
EPA ID : NYD981133747:				
CON ED	DEGRAW & NEVINS AVE	NW 1/8 - 1/4 (0.133 mi.)	M155	434
EPA ID : NYP004853111:				
CON EDISON	450 CARROL ST	WSW 1/8 - 1/4 (0.140 mi.)	R172	476
EPA ID : NYP004696415:				
CON EDISON - MANHOLE	***505 SACKETT ST***	***NW 1/8 - 1/4 (0.146 mi.)***	***M178***	***491***
EPA ID : NYP004296752:				
NEW YORK TELEPHONE C	***318 NEVINS ST***	***W 1/8 - 1/4 (0.149 mi.)***	***O181***	***502***
EPA ID : NYD987028016:				
CON EDISON	318 3RD AVE FRONT OF	SW 1/8 - 1/4 (0.160 mi.)	X191	542
EPA ID : NYP004325122:				
CON EDISON	CARROLL ST AND NEVIN	WSW 1/8 - 1/4 (0.161 mi.)	Y196	551
EPA ID : NYP004698718:				
CON EDISON	CARROLL ST & NEVINS	WSW 1/8 - 1/4 (0.161 mi.)	Y197	552
EPA ID : NYP004698700:				
CON ED	CARROLL ST & NEVINS	WSW 1/8 - 1/4 (0.161 mi.)	Y199	557
EPA ID : NYP004822777:				
CON EDISON	CARROLL ST & NEVINS	WSW 1/8 - 1/4 (0.161 mi.)	Y201	559
EPA ID : NYP004734786:				
CON EDISON	319 3 AVE	SSW 1/8 - 1/4 (0.162 mi.)	X203	562
EPA ID : NYP004706313:				
CONSOLIDATED EDISON	3RD AVE & 1ST STREET	SW 1/8 - 1/4 (0.170 mi.)	X211	585
EPA ID : NYP004155701:				
CON EDISON - NEVINS	***265 BUTLER ST***	***N 1/8 - 1/4 (0.173 mi.)***	***AC220***	***601***
EPA ID : NYR000157172:				
CON EDISON	408 CARROL ST	WSW 1/8 - 1/4 (0.194 mi.)	Y247	690
EPA ID : NYP004342978:				
CON EDISON	526 BALTIC ST	N 1/8 - 1/4 (0.200 mi.)	AC256	709
EPA ID : NYP004732681:				
BAYSIDE FUEL OIL DEP	***510 SACKETT ST***	***WNW 1/8 - 1/4 (0.202 mi.)***	***AI270***	***767***
EPA ID : NYD981872419:				
NYCDEP	524 BALTIC ST	N 1/8 - 1/4 (0.204 mi.)	AC276	782
EPA ID : NYP003660834:				
NYCDEP	***210 DOUGLAS ST***	***NW 1/8 - 1/4 (0.209 mi.)***	***AK282***	***793***
EPA ID : NYP000884635:				
PETROLEUM TANK CLEAN	***236 BUTLER ST***	***NNW 1/8 - 1/4 (0.212 mi.)***	***AD287***	***832***
EPA ID : NYD020585733:				
VACANT APARTMENT BUI	***450 UNION ST***	***WNW 1/8 - 1/4 (0.216 mi.)***	***AM305***	***906***
EPA ID : NYD001263136:				
GOWANUS PUMP STATION	***201 DOUGLASS ST***	***NNW 1/8 - 1/4 (0.235 mi.)***	***AK321***	***977***
EPA ID : NYD982728602:				
CON EDISON	201 DOUGLASS ST	NNW 1/8 - 1/4 (0.235 mi.)	AK322	980
EPA ID : NYP004626412:				
NYCDEP	BALTIC AVE & NEVIS	N 1/8 - 1/4 (0.236 mi.)	AN324	1008

EPA ID : NYP003660677:				
SOCIETY BROOKLYN	***267 BOND ST***	***NW 1/8 - 1/4 (0.239 mi.)***	***AI327***	***1018***
EPA ID : NYP004615654:				
NYCDOT BIN 2240270 U	***UNION ST BRIDGE OVER***	***WNW 1/8 - 1/4 (0.246 mi.)***	***AM335***	***1043***
EPA ID : NYR000022079:				
NYCDEP	259 BOND ST	NW 1/8 - 1/4 (0.247 mi.)	AK338	1055
EPA ID : NYP010000768:				
CON EDISON	497 BALTIC	N 1/8 - 1/4 (0.248 mi.)	AN339	1056
EPA ID : NYP004607859:				

NJ MANIFEST: Hazardous waste manifest information.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the NJ MANIFEST list, as provided by EDR, has revealed that there are 25 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	***511 CARROLL ST***	***S 0 - 1/8 (0.094 mi.)***	***H84***	***233***
EPA Id: NYP004757548:				
CON EDISON	***DENTON ST & CARROLL***	***S 0 - 1/8 (0.112 mi.)***	***H107***	***298***
EPA Id: NYP004757555:				
LESLIE & BROTHERS SE	***164 4TH AVE***	***ENE 0 - 1/8 (0.114 mi.)***	***K109***	***300***
EPA Id: NYD987021425:				
CON EDISON	***315 DOUGLASS ST SB13***	***NE 0 - 1/8 (0.118 mi.)***	***Q127***	***354***
EPA Id: NYP004772364:				
CON EDISON	***315 DOUGLASS ST SB13***	***NE 0 - 1/8 (0.118 mi.)***	***Q128***	***355***
EPA Id: NYP004772349:				
CON EDISON	***664 DEGRAW ST***	***E 1/8 - 1/4 (0.130 mi.)***	***L149***	***418***
EPA Id: NYP004781910:				
CON EDISON	***298 BUTLER ST***	***NNE 1/8 - 1/4 (0.140 mi.)***	***Q169***	***468***
EPA Id: NYP004766002:				
CON EDISON	***255 4TH AVE***	***SSE 1/8 - 1/4 (0.160 mi.)***	***S194***	***547***
EPA Id: NYP004879932:				
CON EDISON - 3RD AVE	***222 1ST ST***	***SSW 1/8 - 1/4 (0.180 mi.)***	***AB227***	***618***
EPA Id: NYD000706218:				
CON EDISON	***577 CARROLL ST***	***SE 1/8 - 1/4 (0.196 mi.)***	***AG251***	***698***
EPA Id: NYP004735734:				
CON EDISON	***586 CARROL ST***	***SSE 1/8 - 1/4 (0.203 mi.)***	***AG272***	***776***
EPA Id: NYP004743068:				
CON EDISON	***590 CARROLL ST***	***SSE 1/8 - 1/4 (0.209 mi.)***	***AG280***	***790***
EPA Id: NYP004744306:				
CON EDISON	***22 GARFIELD ST***	***SSE 1/8 - 1/4 (0.212 mi.)***	***AA292***	***847***
EPA Id: NYP004738910:				
PS 133K SCHOOL	***610 BALTIC ST***	***ENE 1/8 - 1/4 (0.229 mi.)***	***AL314***	***938***
EPA Id: NYR000173732:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	***SACKETT ST & 3RD AVE***	***N 0 - 1/8 (0.007 mi.)***	***A8***	***16***

EPA Id: NYP004841512:				
CON EDISON	***501 PRESIDENT ST***	***WSW 0 - 1/8 (0.063 mi.)***	***D47***	***105***
EPA Id: NYP004795480:				
PARK SLOPE PAINT STR	***553 UNION ST***	***WNW 0 - 1/8 (0.099 mi.)***	***M87***	***235***
EPA Id: NYR000170472:				
CON EDISON	***451 CARROLL ST FRONT***	***WSW 0 - 1/8 (0.115 mi.)***	***I117***	***326***
EPA Id: NYP004818912:				
CRUSADER CANDLE CO I	***325 NEVINS ST***	***W 1/8 - 1/4 (0.128 mi.)***	***O143***	***392***
EPA Id: NYD987005840:				
CON EDISON	***CARROLL ST & NEVINS***	***WSW 1/8 - 1/4 (0.161 mi.)***	***Y200***	***558***
EPA Id: NYP004822777:				
CON EDISON - TRANSFO	***CARROLL ST & NEVINS***	***WSW 1/8 - 1/4 (0.161 mi.)***	***Y202***	***561***
EPA Id: NYP004734786:				
CON EDISON - NEVINS	***265 BUTLER ST***	***N 1/8 - 1/4 (0.173 mi.)***	***AC220***	***601***
EPA Id: NYR000157172:				
CON EDISON	***526 BALTIC ST***	***N 1/8 - 1/4 (0.200 mi.)***	***AC257***	***710***
EPA Id: NYP004732681:				
450 UNION LLC	***450 UNION ST***	***WNW 1/8 - 1/4 (0.216 mi.)***	***AM301***	***868***
EPA Id: NYD001263136:				
NYCDEP - GOWANUS PUM	***201 DOUGLASS ST***	***NNW 1/8 - 1/4 (0.235 mi.)***	***AK323***	***981***
EPA Id: NYD982728602:				

PA MANIFEST: Hazardous waste manifest information.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the PA MANIFEST list, as provided by EDR, has revealed that there are 5 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - UNION S	***617 UNION STREET***	***SSE 0 - 1/8 (0.005 mi.)***	***A5***	***12***
Generator EPA Id: NYP004836340:				
CON EDISON	***226 4TH AVE***	***SE 0 - 1/8 (0.082 mi.)***	***J62***	***181***
Generator EPA Id: NYP005107812:				
CON EDISON	***237 4TH AVE***	***SSE 0 - 1/8 (0.124 mi.)***	***S140***	***382***
Generator EPA Id: NYP005107804:				
275 4TH AVENUE INVES	***275 4TH AVENUE***	***S 1/8 - 1/4 (0.200 mi.)***	***AA259***	***714***
Generator EPA Id: NYD986914133:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEP - BWT GOWANU	***201 DOUGLASS ST***	***NNW 1/8 - 1/4 (0.235 mi.)***	***AK318***	***970***
Generator EPA Id: NYD982728602:				

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the EDR MGP list, as provided by EDR, has revealed that there are 5 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER CITIZEN GAS W	5TH STREET AND SMITH	WSW 1/2 - 1 (0.582 mi.)	397	1341

Lower Elevation	Address	Direction / Distance	Map ID	Page
FULTON MUNICIPAL WOR	NEVINS, DEGRAW AND S	NW 0 - 1/8 (0.115 mi.)	M114	323
FULTON WORKS	DEGRAW STREET AND NE	NW 0 - 1/8 (0.115 mi.)	M115	324
BU-METROPOLITAN MGP	124-136 SECOND AVE	SW 1/2 - 1 (0.661 mi.)	BG400	1348
USPS GOWANUS SITE. F	2ND AVENUE AND 12TH	SW 1/2 - 1 (0.760 mi.)	401	1348

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKSIDE AUTO CARE C	584 UNION ST	SSE 0 - 1/8 (0.019 mi.)	A21	44
HESS CORPORATION	204222 4TH AVE	ESE 0 - 1/8 (0.076 mi.)	C55	122
MERIT GASOLINE STATI	210 4TH AVE	ESE 0 - 1/8 (0.083 mi.)	J63	182
76 5TH AVE HOUSING D	621 DEGRAW ST	ENE 0 - 1/8 (0.087 mi.)	K72	197
LESLIE AND BROTHERS	164 4TH AVE	ENE 0 - 1/8 (0.114 mi.)	K112	316

Lower Elevation	Address	Direction / Distance	Map ID	Page
NICKS UNION NEVINS A	301 NEVINS ST	WNW 0 - 1/8 (0.109 mi.)	M99	277

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

An online review and analysis by ATHENICA ENV. SERVICES INC. of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

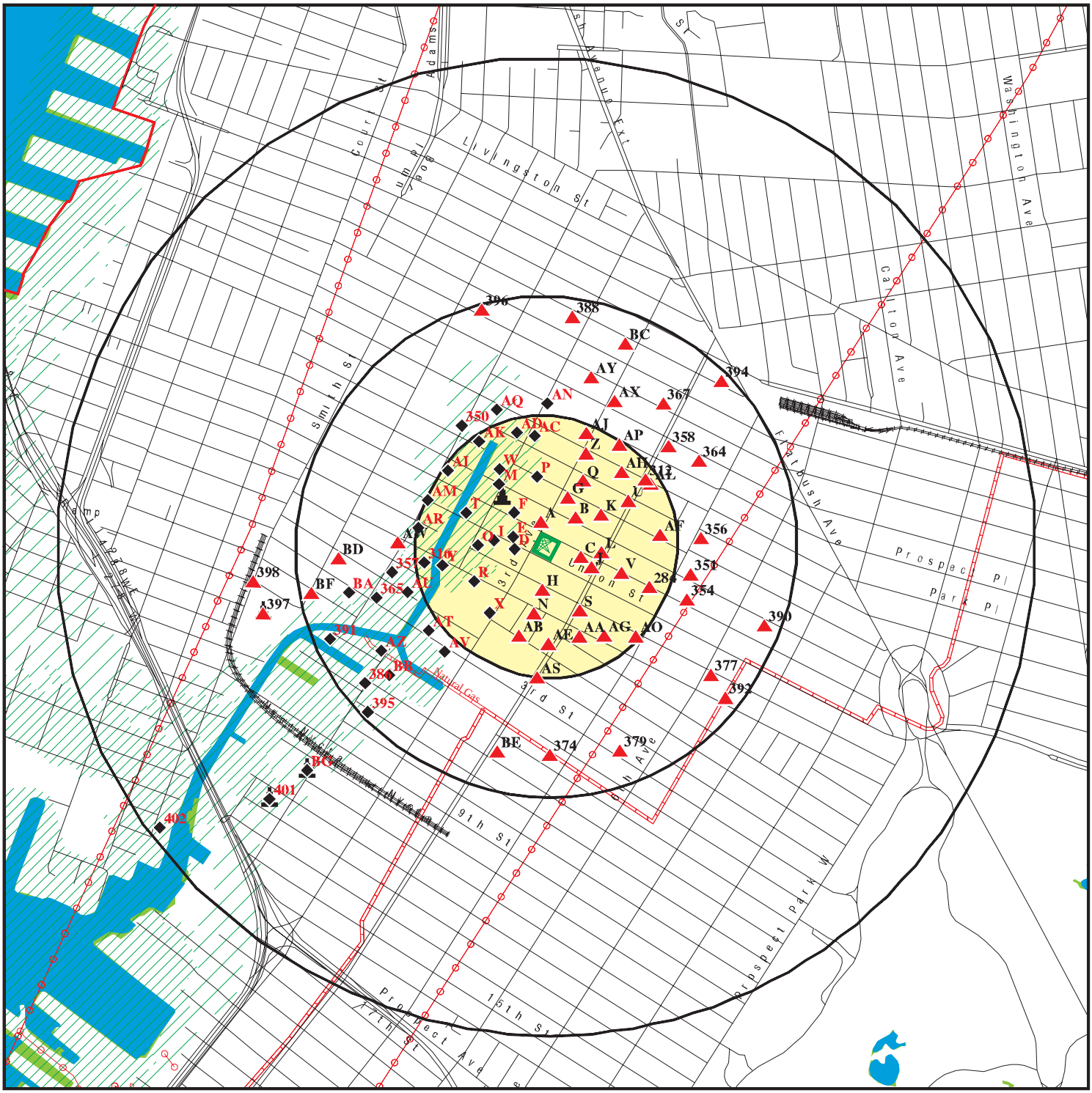
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KLOR-DE CLEANERS	263 3RD AVE	SW 0 - 1/8 (0.035 mi.)	D27	52
B M T STOP DRY CLEAN	230 4TH AVE STE B	SE 0 - 1/8 (0.083 mi.)	J64	182

Lower Elevation	Address	Direction / Distance	Map ID	Page
KLOR-DE CLEANERS	546 UNION ST	W 0 - 1/8 (0.041 mi.)	D31	59

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7002364.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 601 Union Street ADDRESS: 601 Union Street Brooklyn NY 11217 LAT/LONG: 40.678554 / 73.98492	CLIENT: Athenica Env. Services Inc. CONTACT: Evan Greenberg INQUIRY #: 7002364.2s DATE: July 06, 2022 12:22 pm

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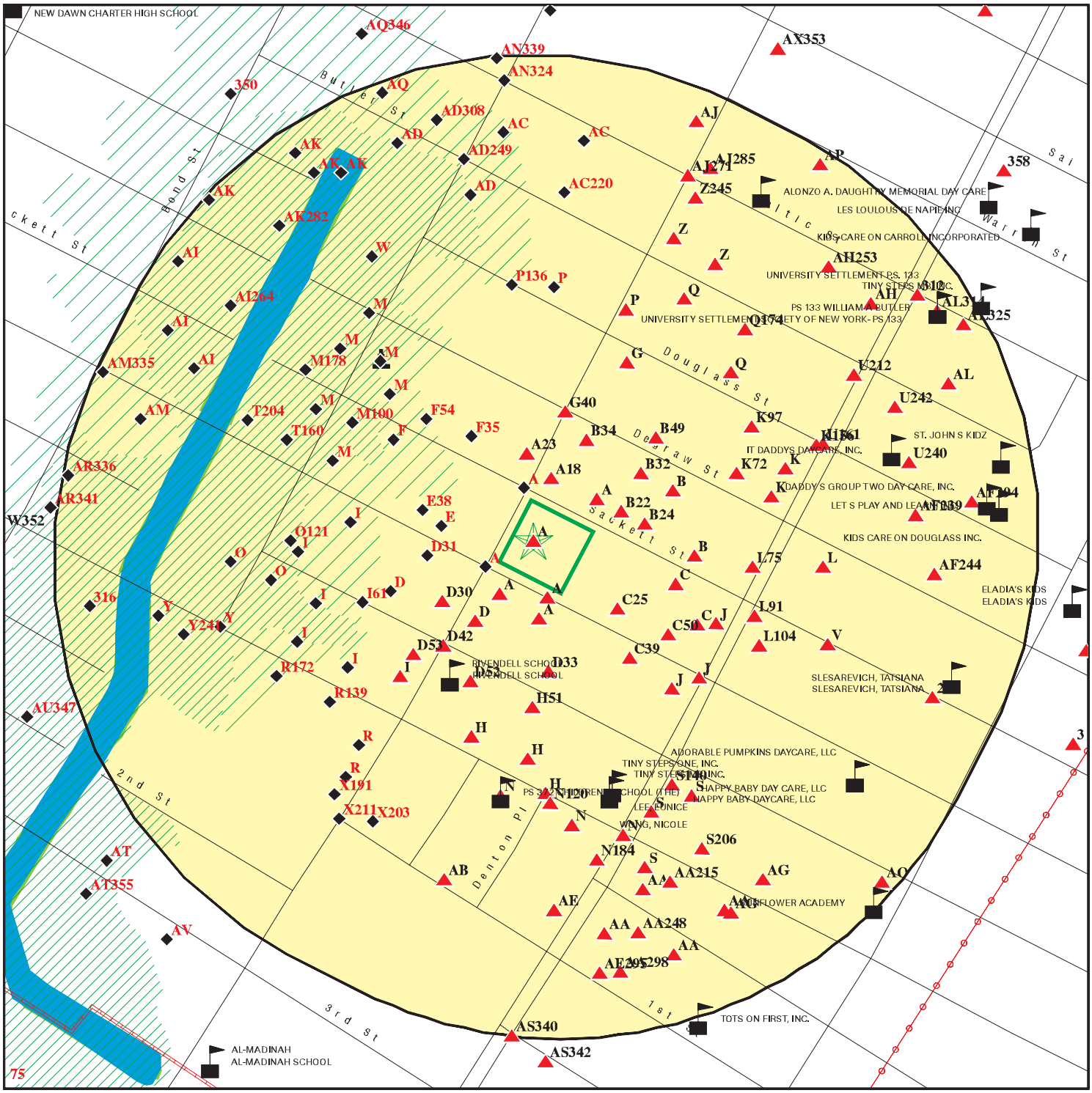
DETAIL MAP - 7002364.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 601 Union Street	CLIENT: Athenica Env. Services Inc.
ADDRESS: 601 Union Street Brooklyn NY 11217	CONTACT: Evan Greenberg
LAT/LONG: 40.678554 / 73.98492	INQUIRY #: 7002364.2s DATE: July 06, 2022 12:23 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	1	0	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		5	13	NR	NR	NR	18
RCRA-SQG	0.250		1	4	NR	NR	NR	5
RCRA-VSQG	0.250		3	1	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROLS	0.500		0	1	0	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		0	2	0	2	NR	4
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500		1	5	8	NR	NR	14
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		8	6	28	NR	NR	42
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		10	17	NR	NR	NR	27
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	1	0	NR	NR	1
NY CBS	0.250		0	1	NR	NR	NR	1
NY MOSF	0.500		0	1	0	NR	NR	1
NY AST	0.250		8	16	NR	NR	NR	24
NY CBS AST	0.250		0	1	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250	1	1	1	NR	NR	NR	3
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	1	3	NR	NR	4
NY INST CONTROL	0.500		0	1	4	NR	NR	5
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		0	8	5	NR	NR	13
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		7	8	9	NR	NR	24
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		1	0	2	NR	NR	3
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	1	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		35	NR	NR	NR	NR	35
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	23	46	NR	NR	NR	70
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	1	0	0	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	2	NR	NR	NR	3
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	1	NR	NR	1
NY MANIFEST	0.250		32	75	NR	NR	NR	107
NJ MANIFEST	0.250		17	28	NR	NR	NR	45
PA MANIFEST	0.250		6	4	NR	NR	NR	10
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
NY LEAD	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		2	0	0	3	NR	5
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		4	170	248	62	6	0	490

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **A 2 Z ENVIRONMENTAL LLC** **FINDS** **1016039501**
Target **601 UNION ST** **ECHO** **N/A**
Property **BROOKLYN, NY 11215**

Site 1 of 22 in cluster A

Actual: **18 ft.**

FINDS:
Registry ID: 110044830261

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016039501
Registry ID: 110044830261
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110044830261
Name: A 2 Z ENVIRONMENTAL LLC
Address: 601 UNION ST
City,State,Zip: BROOKLYN, NY 11215

A2 **A 2 Z ENVIRONMENTAL LLC** **RCRA NonGen / NLR** **1014926942**
Target **601 UNION ST** **N/A**
Property **BROOKLYN, NY 11215**

Site 2 of 22 in cluster A

Actual: **18 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20111129
Handler Name: A 2 Z ENVIRONMENTAL LLC
Handler Address: 601 UNION ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000187302
Contact Name: KEVIN M BARTLEY
Contact Address: BARTLEY RD
Contact City,State,Zip: JACKSON, NJ 08527
Contact Telephone: 877-388-8265
Contact Fax: 732-364-6515
Contact Email: MRKBARTLEY@HOTMAIL.COM
Contact Title: PRESIDENT
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: BARTLEY RD
Mailing City,State,Zip: JACKSON, NJ 08527
Owner Name: 601 UNION STREET REALTY CORP
Owner Type: Private
Operator Name: KEVIN M BARTLEY
Operator Type: Private

A 2 Z ENVIRONMENTAL LLC (Continued) **1014926942**

Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

A 2 Z ENVIRONMENTAL LLC (Continued) **1014926942**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 601 UNION STREET REALTY CORP
Legal Status: Private
Date Became Current: 19890830
Date Ended Current: Not reported
Owner/Operator Address: 601 UNION ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 877-388-8265
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KEVIN M BARTLEY
Legal Status: Private
Date Became Current: 20110701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20111129
Handler Name: A 2 Z ENVIRONMENTAL LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 54162
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A3
Target
Property

SJ FUEL CO. INC.
601 UNION STREET
BROOKLYN, NY 11215

NY TANKS **U003396247**
N/A

Site 3 of 22 in cluster A

Actual:
18 ft.

TANKS:

Name:	SJ FUEL CO. INC.
Address:	601 UNION STREET
City,State,Zip:	BROOKLYN, NY 11215
Facility Id:	2-601627
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	11/02/2013
UTM X:	585771.97343
UTM Y:	4503547.22018

A4
SSE
< 1/8
0.005 mi.
27 ft.

CON ED
617 UNION ST & 3RD AVE
BROOKLYN, NY 11215

NY MANIFEST **S118259711**
N/A

Site 4 of 22 in cluster A

Relative:
Higher

Actual:
19 ft.

Client Plot

NY MANIFEST:

Name:	CON ED
Address:	617 UNION ST & 3RD AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004836340
Facility Status:	Not reported
Location Address 1:	617 UNION STREET
Code:	BP
Location Address 2:	SB 43331
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004836340
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047

CON ED (Continued) **S118259711**

Trans2 State ID: Not reported
Generator Ship Date: 09/09/2015
Trans1 Recv Date: 09/09/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/11/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004836340
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002625171GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

A5 **CON EDISON - UNION STREET** **PA MANIFEST S123092918**
SSE **617 UNION STREET** **PA MANIFEST N/A**
< 1/8 **BROOKLYN, NY 11215**
0.005 mi.
28 ft. **Site 5 of 22 in cluster A**

Relative: **Higher**
Actual: **19 ft.**
Client Plot

Manifest Details:
Year: 2017
Manifest Number: 009796742FLE
Manifest Type: TSD Copy
Generator EPA Id: NYP004836340
Generator Date: 01/24/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported

CON EDISON - UNION STREET (Continued) **S123092918**

Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	100
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

A6 **NYCDEP** **NY MANIFEST** **1009244330**
North **SACKETT ST & 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11201**
0.007 mi.
35 ft. **Site 6 of 22 in cluster A**

Relative: **Lower**
Actual: **17 ft.**

NY MANIFEST:

Name:	NYCDEP
Address:	SACKETT ST & 3RD AVE
City,State,Zip:	BROOKLYN, NY 11201
Country:	USA
EPA ID:	NYP010001790
Facility Status:	Not reported
Location Address 1:	SACKETT ST & 3RD AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP010001790
Mailing Name:	NYCDEP
Mailing Contact:	WAI MAN WONG
Mailing Address 1:	59-17 JUNCTION BOULEVARD
Mailing Address 2:	Not reported
Mailing City:	ELMHURST
Mailing State:	NY
Mailing Zip:	11373
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185954656

A7 **CON EDISON** **FINDS** **1019908059**
North **SACKETT ST & 3RD AVE** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.007 mi.
35 ft. **Site 7 of 22 in cluster A**

Relative:
Lower

Actual:
17 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150921
Handler Name: CON EDISON
Handler Address: SACKETT ST & 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004841512
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CON EDISON (Continued) **1019908059**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150921
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150921
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

CON EDISON (Continued) **1019908059**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069654350

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019908059
Registry ID: 110069654350
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069654350
Name: CON EDISON
Address: SACKETT ST & 3RD AVE
City,State,Zip: BROOKLYN, NY 11215

A8 **CON EDISON** **NJ MANIFEST** **S120676968**
North **SACKETT ST & 3RD AVE** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.007 mi.
35 ft. **Site 8 of 22 in cluster A**

Relative: **Lower**
Actual: **17 ft.**

NJ MANIFEST:
EPA Id: NYP004841512
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

CON EDISON (Continued) **S120676968**

Manifest:
Manifest Number: 014470906JJK
EPA ID: NYP004841512
Date Shipped: 9/21/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

A9 **CON EDISON** **FINDS 1019907638**
WSW **617 UNION ST & 3RD AVE** **ECHO N/A**
< 1/8 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.008 mi.
42 ft. **Site 9 of 22 in cluster A**

Relative:
Lower

Actual:
17 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150909
Handler Name: CON EDISON
Handler Address: 617 UNION ST & 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004836340
Contact Name: THOMAS TEELING

CON EDISON (Continued) **1019907638**

Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking

CON EDISON (Continued) **1019907638**

Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150909
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150909
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:

CON EDISON (Continued) **1019907638**

Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069704519

Click Here:

Environmental Interest/Information System:
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ECHO:
Envid: 1019907638
Registry ID: 110069704519
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069704519
Name: CON EDISON
Address: 617 UNION ST & 3RD AVE
City,State,Zip: BROOKLYN, NY 11215

A10 **BELL ATLANTIC-NY** **NY MANIFEST** **S109064589**
North **SACKETT & 3 AVE MANHOLE** **N/A**
< 1/8 **BROOKLYN, NY**
0.008 mi.
43 ft. **Site 10 of 22 in cluster A**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:
Name: BELL ATLANTIC-NY
Address: SACKETT & 3 AVE MANHOLE
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP000940593
Facility Status: Not reported
Location Address 1: SACKETT & 3 AVE MANHOLE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000940593
Mailing Name: BELL ATLANTIC-NY
Mailing Contact: Not reported
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4: Not reported
Mailing Country: Not reported
Mailing Phone: Not reported

A11
NNW
< 1/8
0.008 mi.
43 ft.

CON EDISON - EXCAVATION OIL-O-STATIC
232 3RD AVE
BROOKLYN, NY 11215

Site 11 of 22 in cluster A

RCRA-LQG **1024890651**
N/A

Relative:
Lower

Actual:
17 ft.

RCRA-LQG:

Date Form Received by Agency:	20180410
Handler Name:	CON EDISON - EXCAVATION OIL-O-STATIC
Handler Address:	232 3RD AVE
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP005022769
Contact Name:	ALYSSA SOTTO
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	Not reported
Contact Email:	SOTTOA@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON - EXCAVATION OIL-O-STATIC (Continued) **1024890651**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20181106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170120
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170120
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003

CON EDISON - EXCAVATION OIL-O-STATIC (Continued) **1024890651**

Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180410
Handler Name: CON EDISON - EXCAVATION OIL-O-STATIC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A12 **CON EDISON** **NY MANIFEST** **S120959323**
NNW **232 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.008 mi.
43 ft. **Site 12 of 22 in cluster A**

Relative: **Lower**
Actual: **17 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 232 3RD AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP005022769
Facility Status: Not reported
Location Address 1: 232 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP005022769
Mailing Name: CON EDISON
Mailing Contact: CON EDISON

CON EDISON (Continued) **S120959323**

Mailing Address 1: 3RD AVE B/W SACKET STREET & DEGRAW STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11105
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 03/10/2017
Trans1 Recv Date: 03/10/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/13/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP005022769
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980593636
TSDF ID 2: Not reported
Manifest Tracking Number: 008171116FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 75
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: Not reported
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: B007
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

A13 **UNION ST &** **NY Spills** **S104787055**
WSW **THIRD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.008 mi.
44 ft. **Site 13 of 22 in cluster A**

Relative: **Lower**

Actual: **17 ft.**

SPILLS:

Name:	UNION ST &
Address:	THIRD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0004302 / 2001-10-17
Facility ID:	0004302
Facility Type:	ER
DER Facility ID:	231379
Site ID:	285344
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-07-10
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-07-10
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-07-10
Spill Record Last Update:	2001-10-17
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	CHARLIE MCCARTHY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis Notes: 7/10/00 Cable joint blew leaking 1qt cable oil onto arc proofing and mud. Liquid sample to be taken from tubing attached to fdr joint. Cleanup as 50-499ppm PCB. 7/11/00 Spot cleanup completed. Sample returned <1ppm. Cleanup completed by double washing with slix and removing liquids and solids. Leaking joint regulator tank was replaced by UG. No sump."
Remarks:	"BLOWN FEEDER CABLE CAUSED SPILL - 1 QUART IN MANHOLE #2582 CLEAN UP IN PROGRESS - SAMPLE HAS BEEN TAKEN - CON ED #132298"

All Materials:

Site ID:	285344
Operable Unit ID:	825531
Operable Unit:	01
Material ID:	549043
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00

UNION ST & (Continued) **S104787055**

Units: G
Recovered: 1.00
Oxygenate: Not reported

A14 **ZORRIANO ASSOCIATES** **NY Spills** **S103275113**
South **568 A UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.012 mi.
62 ft. **Site 14 of 22 in cluster A**

Relative: SPILLS:
Higher
Name: ZORRIANO ASSOCIATES
Actual: Address: 568 A UNION STREET
19 ft. City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9803217 / 2014-08-27
Facility ID: 9803217
Facility Type: ER
DER Facility ID: 58587
Site ID: 59935
DEC Region: 2
Spill Cause: Human Error
Spill Class: B1
SWIS: 2401
Spill Date: 1998-06-12
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 1998-06-12
CID: 270
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-06-12
Spill Record Last Update: 2014-08-27
Spiller Name: ANGELO
Spiller Company: ZORRIANO ASSOC.
Spiller Address: 568A UNION STREET
Spiller Company: 001
Contact Name: ANGELO
DEC Memo: "3/16/06 -Nathan Putnam - Zoriano Realty 718-789-0136 could not be reached but they appear to be the owners of the property. Next Step continue attempts to contact owner. 3/31/09 - Austin - Transferred from Needs Reassignment to Zhune for further work to remediate and close - end 8/27/14-Based on the spill notes from closed spill # 0911340 and as per discussion with Vought this spill closed due to: 1. Complete phase I and phase II was performed under spill # 0911340. 2. The site was redeveloped with vapor barrier also under spill # 0911340. Spill Closed"
Remarks: "TANK WAS REMOVED BUT FILL PIPE REMAINED AND UNKNOWN PERSON MADE A DELIVERY"

All Materials:

ZORRIANO ASSOCIATES (Continued) **S103275113**

Site ID:	59935
Operable Unit ID:	1061187
Operable Unit:	01
Material ID:	569386
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A15 **VACANT PROPERTY- PHASE II** **NY Spills** **S123659582**
ENE **607-615 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.014 mi.
72 ft. **Site 15 of 22 in cluster A**

Relative: SPILLS:
Higher

Actual: Name:	VACANT PROPERTY- PHASE II
20 ft. Address:	607-615 SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1809848 / 2019-11-12
Facility ID:	1809848
Facility Type:	ER
DER Facility ID:	533312
Site ID:	580714
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2018-12-21
Investigator:	HSSEKHON
Referred To:	Not reported
Reported to Dept:	2018-12-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-12-21
Spill Record Last Update:	2019-11-12
Spiller Name:	MARK ROBBINS
Spiller Company:	UNKOWN
Spiller Address:	607-615 SACKETT STREET
Spiller Company:	999
Contact Name:	MARK ROBBINS
DEC Memo:	"12/21/18-Hiralkumar Patel. alternate address: 607-615 Sackett Ave no PBS or other spill reports found. 2:26 PM:- spoke with Ruijie Xu at Hydro Tech. they conducted Phase I and Phase II investigation at the site. the site has one-story vacant warehouse. during Phase II

VACANT PROPERTY- PHASE II (Continued) **S123659582**

investigation, they installed three soil borings near an unknown size UST and two soil-vapor probes. moist soil was noted at 14 ft bg during investigation, but groundwater monitoring well was not installed and groundwater samples were not collected as these were not part of scope of work. highest PID reading of 1,272 ppm was recorded in moist soil, but soil sample was not collected due to moisture. instead of that, soil sample from 2 ft above was collected where 300 ppm was recorded on PID. some product was found in the tank. asked Ruijie to submit property owner's contact info, copy of Phase I report, site map with sampling locations and sample result report. 12/24/18-Hiralkumar Patel. received email from Ruijie (at 3:54 PM on 12/21/18) including property owner's contact info, lab reports, site map, boring logs and link to Phase I report. 601 Sackett Property Owner LLC. **property owner** c/o Liberty One Group 175 Blake Ave Brooklyn, NY 11212 Attn.: Jojo Rabinowitz PH. (212) 220-2569 (917) 864-4446 Fax (347) 533-8538 email: jojo@liberty1group.com summary of Phase I dated 04/21/17: - lot consists of one (1) 2-story brick building with no basement and is approx. 10,000 sq. ft. in area - site used as warehouse with an office located on the second floor - subject property is currently vacant - elevation of the subject property is approx. 21 ft above mean sea level - depth to groundwater at the site is approx. 10 ft - regional groundwater flow direction in the vicinity of the site is toward the west in the direction to the Gowanus Canal - subject property was developed prior to 1906 - there is a gasoline tank with unknown quantity in the southern portion of the site until 1951 ------ - a fuel oil petrometer and a series of fuel oil copper lines running to the roof at the southern portion of the former warehouse/storage building. there is a fill port identified associated with these pipes inside the building - no visual evidence of current/former AST was identified 12/27/18-Hiralkumar Patel. 1:53 PM:- sent email to Ruijie and asked her to submit complete Phase II report for review. email copied to Mark Robbins at HydroTech. 01/30/19-Hiralkumar Patel. 2:21 PM:- received email from Ruijie including Phase II report. summary: - site is developed with a 1-story building and mezzanine office is located along the western boundary (it looks like 2nd floor mentioned in Phase I is referring to mezzanine level) - during GPR survey, an anomaly indicative of an UST of approx. 4 ft by 8 ft dimensions was detected in the central portion of the building - bottom of suspected UST is assumed to be at approx. 5 ft bg - approx. 8 inches of liquid product (light yellow, clear) was found in the tank - elevation of the site is approx. 21 ft above mean sea level - depth to groundwater is approx. 16-18 ft bg - as per USGS maps, regional groundwater flow direction in the vicinity of the site is toward the west in the direction to the Gowanus Canal - installed three soil borings (SP-1 through SP-3) in the vicinity of the UST - boring SP-1 was installed to a depth of 12 ft bg where refusal encountered; noted light to strong petroleum odors below 6 ft bg with maximum of 35.8 ppm on PID at 8 ft bg - boring SP-2 was installed to a depth of 16 ft bg; light to strong petroleum odors were noted below 10 ft depth with max. of 163.2 ppm on PID at 12 ft bg - boring SP-3 was installed to a depth of 20 ft bg; light to strong petroleum odors were noted below 8 ft depth with max. of 1,272 ppm on PID at 16-18 ft bg - general soil type consists of a shallow layer of fill material consist of asphalt, bricks and wood from 0 to 14 ft underlain by fine grained sand with pebbles - one soil sample was collected from each boring at highest PID reading except boring

VACANT PROPERTY- PHASE II (Continued) **S123659582**

SP-3 - as the soil from 16-18 ft bg in SP-3 was observed to be wet, the soil sample was collected from 14-16 ft interval where 368.2 ppm was recorded on PID - minute contamination noted in SP-1 and SP-2 - some VOCs noted in SP-3 soil analyticals (in ppb): ----------SP-3 14-16 ft Toluene----------1,200 Ethylbenzene----------2,600 Xylene----------4,200 1,2,4-Trimethylbenzene------880 1,3,5-Trimethylbenzene----7,600 Naphthalene----------5,600 - two soil-vapor probes (SV-1 and SV-2) were installed in the northern portion of the building to 6 ft bg - two soil-vapor samples, one indoor air sample and one outdoor air sample were collected - since children will occupy the first floor, the indoor ambient air samples were obtained at an average child breathing zone height of 3 ft above surface ---------- - no chemical storage area were noted at the subject site soil-vapor analyticals (in ug/m3): ----------SV-1--------SV-2 Benzene----------29----------8 Toluene----------200---------130 Ethylbenzene----------2,500----------16 Xylene----------5,900---------149 - spill # 0801906 was listed as potential vapor encroachment condition to the subject property in previous Phase I - during investigation of spill # 0801906, total xylene were detected at 2 ppm in soil from western portion of the adjacent property at 620 DeGraw St, which is located to the northeast and upgradient of the subject property 01/31/19-Hiralkumar Patel. 10:05 AM:- spoke with Mr. Rabinowitz regarding children occupying first floor of future building. he mentioned that an another floor will be added above the existing one-story warehouse and site will be redeveloped into a hotel (and not into any child care center). Mr. Rabinowitz has planned to remove the UST system and will install a vapor barrier above the existing slab. 2:10 PM:- sent letter to Mr. Rabinowitz requiring delineation/remediation of contamination. letter emailed to Mr. Rabinowitz, Ruijie and DEC Sekhon. case assigned to DEC Sekhon. 4/5 - Sekhon The proposed use of the renovated building is as a rehabilitative center and offices 4/8 - Sekhon DEC reviewed, UST Closure Work Plan (Work Plan) for the above site, submitted by Impact Environmental. The scope of work to be performed under this Work Plan includes the decommissioning and removal of one (1) underground storage tank (UST) estimated to be 1,000-gallons and the associated product line and vent line piping; installation of excavation support shoring if necessary; excavation and disposal of petroleum-impacted soil to the extent practicable; exploration of potential options of should additional remediation of contamination be required, post-excavation confirmation sample collection; Site restoration; and reporting. Work plan discussed with DEC Kumar and approved. 4/11 - Sekhon Work plan approved letter send to Stephanie at spollert@impactenvironmental.com DECDOCs 5/16/19 - Sekhon Impact was onsite on Tuesday May 14th to oversee the removal of the UST. The UST was observed to have a 550-gallon capacity, and 145 gallon of an oil water mix was removed. The condition of the tank was intact, but with signs of degradation, and minor pitting/holes were noted. Minor soil staining and odors were observed, as well as some elevated PID readings. The area was over excavated as much as possible, however, the area was restricted due to an electric utility conduit located in very close proximity. Soil removed was stockpiled on site, and will be disposed off properly pending review of the waste characterization

VACANT PROPERTY- PHASE II (Continued) **S123659582**

soil sample analytical results. UST fill and vent lines were also removed, and two (2) soil samples from beneath this area were also collected in addition to the four (4) sidewall and two (2) bottom samples. 7/23 - Sekhon Impact environmental submitted end point samples results on 6/28/19 and on 7/8/19. Results discussed with DEC Kumar and contractor approved to backfill the excavation and to submit summary report. DECDOCs. 8/29- Sekhon Closure report submitted as requested. DECDOCs. 11/12/19 - Sekhon spill closed. "

Remarks: "Underground tank - equipment failure"

All Materials:

Site ID: 580714
Operable Unit ID: 1328420
Operable Unit: 01
Material ID: 2337411
Material Code: 9999
Material Name: other - patroleum
Case No.: Not reported
Material FA: Other
Quantity: 10.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

Site ID: 580714
Operable Unit ID: 1328420
Operable Unit: 01
Material ID: 2337410
Material Code: 9999
Material Name: other - patroleum
Case No.: Not reported
Material FA: Other
Quantity: 10.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

A16 **CON EDISON EXCAVATION: TRENCH** **RCRA NonGen / NLR** **1017777232**
SSW **251 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.016 mi.
83 ft. **Site 16 of 22 in cluster A**

Relative:
Higher

Actual:
19 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 20140703
Handler Name: CON EDISON EXCAVATION: TRENCH
Handler Address: 251 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004551230
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02

CON EDISON EXCAVATION: TRENCH (Continued) **1017777232**

Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No

CON EDISON EXCAVATION: TRENCH (Continued) **1017777232**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150211
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20140603
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140603
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140703
Handler Name: CON EDISON EXCAVATION: TRENCH
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

CON EDISON EXCAVATION: TRENCH (Continued) **1017777232**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A17 **CON EDISON** **NY MANIFEST** **S117062742**
SSW **251 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.016 mi.
83 ft. **Site 17 of 22 in cluster A**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:
Name: CON EDISON
Address: 251 3RD AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004551230
Facility Status: Not reported
Location Address 1: UNION & 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004551230
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 06/04/2014
Trans1 Recv Date: 06/04/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004551230
Trans1 EPA ID: Not reported

CON EDISON (Continued) **S117062742**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	004808656FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	45
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	B007
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A18 **A. WILLIAMS CONSTRUCTION** **NY Spills** **S108466119**
NNE **225 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.016 mi.
85 ft. **Site 18 of 22 in cluster A**

Relative: SPILLS:
Higher

Name:	A WILLIAMS TRUCKING -MTBE
Address:	225 3RD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0204259 / 2009-03-30
Facility ID:	0204259
Facility Type:	ER
DER Facility ID:	236774
Site ID:	292490
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-07-24
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	2002-07-24

Actual:
18 ft.

A. WILLIAMS CONSTRUCTION (Continued) **S108466119**

CID: 257
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-07-24
Spill Record Last Update: 2009-03-30
Spiller Name: Not reported
Spiller Company: PETRO OIL
Spiller Address: 5560 58TH ST
Spiller Company: 001
Contact Name: ROSE GUIDO
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 07/24/02. Phone/Petro Oil/J.Krimgold. Spill due to a broken hose on truck. Oil spilled onto the parking lot area. Some oil went to the drywells (not into the sewer catch basins). Surface and wells were cleaned up by Milro. However, Milro observed that more oily substance was coming into the well from subsurface and install absorbent pads. J. Krimgold contacted Williams Trucking (Sally Williams @ 718-923-9600) and informed about findings. Ms. Williams refused to accept responsibility and suggested that this should be discussed with Keith Williams. J. Krimgold requested that Mr. Williams call back DEC to discuss this matter. 04/13/06- Case was transferred from Jake Krimgold to Koon Tang. 10/30/06 Reassigned from Tang to Sun. (JS/MS) 11/28/06 Sun sent letter to Dolly Williams (property owner) at 225 3rd Ave, on 11/27/06 requiring that the following be submitted to the NYSDEC by 12/27/06: To rectify this problem, a letter report asserting a cause of the release and summarizing the cleanup activities, observations, post-excavation sampling results (if necessary), and also including contaminated material disposal manifests or any other documentation (i.e. invoices, bills, etc.) of cleanup activities must be submitted to this office by December 27th, 2006, referencing the spill case number (see above) and the site address. (JS/MS) 03/19/07: Mrs. Williams is going to contact Milro who performed the environmental investigation at her property to see if they have the additional documentation regarding clean-up that she says has been performed. (JS/MS) 6/6/07: Called Petro Oil at 718.628.3349. They stated that they have no documentation regarding this property. 8/6/07: Called Williams Trucking again 718.923.9600. Dolly will be in the office this afternoon and will return call. (JS/MS) 9/5/07: MS contacted Dolly Williams to check on status. She has faxed a receipt from Petroleum Tank Cleaners who cleaned spill to show DEC that clean up has been performed. She has paid half of the bill and need time to pay the remainder. Her request for an extension has been granted. (JS/MS) 12/4/07: As per RK: 11/29/07 - Raphael Ketani. I spoke to the operator/assistant at PTC. She said that Ms. Williams still owes thousands of dollars and so PTC can’t release the paperwork. I called up Ms. Williams at (718) 923-9600 and told her the spill case is still open and will not be closed until we get the necessary paperwork stating that the release has been cleaned up. She said that she hasn’t been working and had to borrow some money. She said that

A. WILLIAMS CONSTRUCTION (Continued) **S108466119**

she had given PTC $1,000 more since October. I told her that PTC still isn't releasing anything. She said she will talk to them to try and get some paperwork sent to DEC. 4/15/08: Called and left message with receptionist for Dolly Williams. (JS/MM) 4/16/08: No call, sending 2nd letter requesting clean up summary, or refer to Legal Affairs (JS/MM) 4/28/08: Sent subsurface investigation letter due June 13, 2008 or goes to Legal (JS/MM) 6/20/80: Phone calls have not been returned (JS/MM) 08/05/08: Transferred to Kolleeny/Mandac. - JK 10/27/08: Dolly Williams has not submitted any documentation from Milro regarding the cleanup. Bill for what materials was used is in files. A Williams Trucking is supposedly in financial trouble. Refer to OGC. (JK/MM) 12/15/08: Paper file contains two faxes from Dolly Williams: The first one sent on 8/14/08 to MM contains a fax Ms. Williams received from Milro containing 2 waste manifest tickets dated 7/24/02. One is for petroleum impacted soil, speedydry, and sediment and the other is for petroleum contaminated water. The second fax was a letter to MM on 8/25/08. The letter is from Ms. Williams and says, As per my conversation with you today we are hereby requesting additional time to submit the report on the above referenced spill. Because this is an old case for Milro they need additional time to research it. The manifest was forwarded to you last week and as per your ackknowledgement you did receive them by fax. No report has been submitted to date. (JK/KG) 12/16/08: Spoke with Dolly Williams to check on status of report. She said she would have to call Milro and PTC again and check to see if they had a report. She said last she spoke to them they needed some time to look through archives. I told her the report needs to include results of soil samples. If none were collected at the time of clean-up then she will have to have install a soil boring and collect samples. (JK/KG) 01/15/09: Tried to call D. Williams - no answer. (JK/KG) 01/20/09: Rec'd voice message from D. Williams on 01/16/09. She has been in contact with Milro and Petroleum Tank Cleaners and is still trying to get the reports from them. She will be on vacation and will call back on 1/22/09 to discuss the status of the reports. (JK/KG) 01/26/09: Spoke with Dolly and told her again that the report needs to have results of GW and soil samples. If Milro doesn't have the report she will need to perform a subsurface investigation. (JK/KG) 02/27/09: Left message for Dolly Williams. (JK/KG) 03/03/09: Rec'd voice message from Dolly on 2/27/09, she will call back with more information. (JK/KG) 03/11/09: Spoke to D. Williams, she has some reports/documents that she will send. (JK/KG) 03/12/09: D. Williams called me from Petroleum Tank Cleaners. Bob Lamirata of Petroleum Tank Cleaners requested copies of letters sent to D. Williams be faxed to him in order to see what DEC required to address this spill (fax 718-624-1856). Letters dated 11/27/06, 4/16/08, and 7/8/08 were faxed. Bob will call back on 3/16 or 3/17 with more information. (JK/KG) 03/18/09: Rec'd call from D. Williams, B. Lamirata is still working on case. (JK/KG) 03/24/09: Rec'd call from Mark of Petroleum Tank Cleaners. He will fax me a report today. He said he went to the site to evaluate the conditions. He stated that the concrete is 14 inches thick in the area the discharge ocurred. Soil samples were not collected. Report rec'd via fax; under review. (JK/KG) 03/30/09: Based on the amount spilled and time that has past since this spill occurred, it does not appear that soil and groundwater would still be affected/contaminated. Therfore, this spill case is being closed. (JK/KG)"

Remarks: "spill is in a sewer on property - contacting milro for clean up "

A. WILLIAMS CONSTRUCTION (Continued) **S108466119**

All Materials:

Site ID:	292490
Operable Unit ID:	855425
Operable Unit:	01
Material ID:	518516
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	A. WILLIAMS CONSTRUCTION
Address:	225 3RD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0612588 / 2008-02-12
Facility ID:	0612588
Facility Type:	ER
DER Facility ID:	236774
Site ID:	377469
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D3
SWIS:	2401
Spill Date:	2007-02-20
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2007-02-20
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-02-20
Spill Record Last Update:	2008-02-12
Spiller Name:	DOLLY WILLIAMS
Spiller Company:	A. WILLIAMS CONSTRUCTION
Spiller Address:	225 3RD AVE
Spiller Company:	999
Contact Name:	DOLLY WILLIAMS
DEC Memo:	"2/20/07 - Raphael Ketani. I visited the site today. I met Dolly Williams ((718) 399-3508, the owner, and asked to see the spill. Her daughter took me to the truck yard next door. I saw snow that was covered with a light yellow green liquid. A little bit of the liquid was draining into a drain. I smelled oil, also. I went back upstairs and told Ms. Williams that she needed to get the spill cleaned up immediately as it was going down a drain. She said that she had been in contact with PTC, but they haven't done the cleanup. I called PTC and Big Anthony (Anthony Lara) said that they hadn't received a

A. WILLIAMS CONSTRUCTION (Continued) **S108466119**

signed contract to do the cleanup. I explained this to Ms. Williams and she FAXed a signed contract to PTC. Mr. Lara said that they would be over today in the afternoon. 2/21/07 - Raphael Ketani. I spoke to Ray Lara of PTC (718) 624-4842 and he said that they took away 6 drums of contaminated snow. He said they cleaned an area of 20 feet by 25 feet and put down absorbent. 7/13/07 - Raphael Ketani. I tried to contact Mr. Lara, but could only get his assistant. She said that DEC hasn't received any paperwork because they haven't been paid for the work they did. I told his assistant that DEC will wait for the paperwork. 10/4/07 - Raphael Ketani. I tried to contact Mr. Lara, but he was out. So I spoke to the assistant. She said that A. Williams Construction still owes $3,000, but they did pay part of the bill in June. She said they have a reputation for being slow payers. I told her DEC will wait. 11/29/07 - Raphael Ketani. I spoke to the operator/assistant at PTC. She said that Ms. Williams still owes thousands of dollars and so PTC can't release the paperwork. I called up Ms. Williams at (718) 923-9600 and told her the spill case is still open and will not be closed until we get the necessary paperwork stating that the release has been cleaned up. She said that she hasn't been working and had to borrow some money. She said that she had given PTC $1,000 more since October. I told her that PTC still isn't releasing anything. She said she will talk to them to try and get some paperwork sent to DEC. 12/7/07 - Raphael Ketani. Ms. Williams called to say that she just got back to work after being sick. 12/10/07 - Raphael Ketani. Ms. Williams called to say that she can't pay PTC the remainder of the money she owes (about $2500) because she doesn't have it. She asked that I contact Bob Lamirata of PTC to find out if he is willing to release the original paperwork for the cleanup so that the case can be closed. I contacted Mr. Lamirata and he said he would prefer to get all of the money before releasing the paperwork. I told him that would be fine. 12/11/07 - Raphael Ketani. I contacted Ms. Williams and told her that DEC will wait until PTC is completely paid and they send us the original paperwork. She said she should be able to pay off the bill by January 2008. I told her we will wait. 1/9/08 - Raphael Ketani. I spoke to Mr. Lamirata (718) 624-4842. He said that Ms. Williams still owes PTC a lot of money. I told him I will not close the case. 2/12/08 - Raphael Ketani. I spoke to Mr. Lamirata. He said that Ms. Williams still owes $1500. He said he doesn't understand why she doesn't have the money to pay PTC the balance as her company is just 2 blocks away and he sees her construction equipment leave the site everyday to do work. I told Mr. Lamirata that I will have to close the case because this was not a significant spill, it happened a long time ago, and it's sitting open in our database. Based upon the fact that the spill was successfully cleaned up, the lack of human contact with the discharge, and the long amount of time that has passed since the spill took place, I am closing the case. "

Remarks: "OUTSIDE, WENT INTO SEWER, AND THEY HAVE A SEPERATER AND IS IN A PRIVATE DRAIN: STILL INVESTIGATING:"

All Materials:

Site ID:	377469
Operable Unit ID:	1135002
Operable Unit:	01
Material ID:	2124892
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported

A. WILLIAMS CONSTRUCTION (Continued) **S108466119**

Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: False

A19 **CONSTRUCTION SITE** **NY Spills** **S126996809**
ENE **601 - 615 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.017 mi.
91 ft. **Site 19 of 22 in cluster A**

Relative: **Higher**
Actual: **20 ft.**

SPILLS:
Name: CONSTRUCTION SITE
Address: 601 - 615 SACKETT ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2005071 / 2020-10-14
Facility ID: 2005071
Facility Type: ER
DER Facility ID: 559058
Site ID: 610844
DEC Region: 2
Spill Cause: Other
Spill Class: Not reported
SWIS: 2401
Spill Date: 2020-09-02
Investigator: RHLIN
Referred To: Not reported
Reported to Dept: 2020-09-02
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2020-09-02
Spill Record Last Update: 2020-10-14
Spiller Name: Not reported
Spiller Company: CONSTRUCTION COMPANY
Spiller Address: Not reported
Spiller Company: 999
Contact Name: UNKNOWN
DEC Memo: "9/2/2020 - Feng - Desk Duty in office. Spoke to the caller, who did not provide his name. He owns a business in the area. He said that the 601 and 615 Sackett Street are two buildinga next to each other and doing construction work. The basement entrance is next to the 617 Sackett Street. The caller sees the contractors are removing small buckets of fuel oil as he can smell it and furnaces and dumping those into the green dumpster for construction debris with words Juma 3387 on it outside the building. He does not know what s look like inside the building. It is smelly in the area. He requests an inspection by our enforcement unit. Anonymous caller 732-2339587 Email to DEC Lieutenant Doreen Lum Doreen, We received an illegal dumping

CONSTRUCTION SITE (Continued) **S126996809**

complaint. I spoke to the person who report it. He provided the phone number 732-233-9587, but not his name. He owns a business in this area. He said that the 601 and 615 Sackett Street are two building next to each other and doing construction work. The basement entrance is next to the 617 Sackett Street. The caller sees the contractors are removing small buckets of fuel oil as he can smell it and furnaces and dumping those into the green dumpster for construction debris with words Juma 3387 on it outside the building. He does not know what s look like inside the building. It is smelly in the area. He requests an inspection by our enforcement unit. See below email spill report for more details. I am referring this case to you as it is more of illegal dumping at this time. Please take a look to see if any further action shall be taken by your end. As per R. Austin, Rick Lin will be responding this evening. As per Lt. D. Lum's email, ECO Lovgren will follow up on this complaint. 9/3/20 - Obligado - Mr. Lieberman (next door office tenant (732)-233-6587) called the Duty Desk phone to update on this complaint. He said the construction workers have dumped oil into a roll off container and a truck was arriving today to remove the roll off. He stated that he told the truck driver that there was contamination in the roll off and the truck driver did not take the roll off and drove away. 9/4/20 - Sekhon ON 9/3 (PM) - Site visited. Met Victor Lee (DEP), Mr. Liberman (7322339587-next door tenant), Shaya Shapiro (3475850968 - shaya@liberty1group.com). Mr. Liberman that complaining that dumpster (Guma carting) in front of 615 Sackett st contains oil saturated soil mixed with other debris. Oil/sewer like smell observed from the dumpster contents, but with 1-2 ppm & no hit on PID on different corners of dumpster. Driver from Guma carting was there to pick that container, was asked to provide his information, and told that, this container (may be)has contaminated soil in it, and I asked him to provide his information, he refused and told me to talk to Aron. Spoke with Aron klein(Guma - 6465338277- gumaconstruction@gmail.com),and told that this containerhas potentially contaminated debris inside it. and NYSDEC needs disposal manifest and soil sample results checked for petroleum contamination. ECO Lovgren, DEC Austin, DEC Lin (email)- were updated about this situation. 9/4/20-Lin-Visited site on 9/2. The container was mostly empty. Looked into the container and observed debris and soil on the bottom. The container was mostly empty. Did not observe any signs of fuel oil or piping related to a fuel tank system. No odor petroleum odor was noted. 10/14/20-Lin-Recieved waste sampling results and no elevated VOC compounds were found. Waste was taken to Clean Earth of NJ for disposable. Received Manifests. Case closed. "

Remarks: "cut tank open - odor from sludge in area - not cleaned up properly container says juma 3387"

All Materials:

Site ID:	610844
Operable Unit ID:	1357991
Operable Unit:	01
Material ID:	2369417
Material Code:	9999
Material Name:	other - sludge
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported

CONSTRUCTION SITE (Continued) **S126996809**

Oxygenate: Not reported

A20 **CON EDISON SERVICE BOX: 43335** **RCRA NonGen / NLR** **1016964719**
South **578 UNION ST** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11231**
0.018 mi.
95 ft. **Site 20 of 22 in cluster A**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20131118
Handler Name: CON EDISON SERVICE BOX: 43335
Handler Address: 578 UNION ST
Handler City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYP004376315
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No

CON EDISON SERVICE BOX: 43335 (Continued) **1016964719**

Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20131018
Handler Name: CON EDISON SERVICE BOX: 43335
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20131118
Handler Name: CON EDISON SERVICE BOX: 43335
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

CON EDISON SERVICE BOX: 43335 (Continued) **1016964719**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 578 UNION ST
City,State,Zip: BROOKLYN, NY 11231
Country: USA
EPA ID: NYP004376315
Facility Status: Not reported
Location Address 1: 578 UNION ST
Code: BP
Location Address 2: SB 43335
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004376315
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 10/18/2013
Trans1 Recv Date: 10/18/2013
Trans2 Recv Date: 10/18/2013

CON EDISON SERVICE BOX: 43335 (Continued) **1016964719**

TSD Site Recv Date:	10/25/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004376315
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002236802GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A21 **PARKSIDE AUTO CARE CENTER INC** **EDR Hist Auto** **1020924484**
SSE **584 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.019 mi.
101 ft. **Site 21 of 22 in cluster A**

Relative: EDR Hist Auto:
Higher

Actual: Year: Name: / Type:
20 ft.

1994:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1994:	PARKSIDE SVCE CENTER OF BKLYN / Gasoline Service Stations
1995:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1996:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1997:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1998:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1999:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2000:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2001:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops

PARKSIDE AUTO CARE CENTER INC (Continued) **1020924484**

2002:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2003:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2004:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2005:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2006:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2007:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2008:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2009:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2010:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2011:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2012:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2013:	PARKSIDE SERVICE CTR BROOKLYN / General Automotive Repair Shops
2014:	PARKSIDE SVC CTR OF BROOKLYN / General Automotive Repair Shops

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B22 **GROUND** **NY Spills** **S126996832**
ENE **615 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.020 mi.
104 ft. **Site 1 of 9 in cluster B**

Relative: **Higher**
Actual: **21 ft.**

SPILLS:

Name:	GROUND
Address:	615 SACKETT ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2005102 / 2020-09-03
Facility ID:	2005102
Facility Type:	ER
DER Facility ID:	559086
Site ID:	610877
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2020-09-03
Investigator:	AAOBLIGA
Referred To:	Not reported
Reported to Dept:	2020-09-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-09-03
Spill Record Last Update:	2020-09-03
Spiller Name:	VICTO LEE
Spiller Company:	UNKNOWN
Spiller Address:	615 SACKETT ST
Spiller Company:	999
Contact Name:	VICTO LEE
DEC Memo:	"9/3/20 - Obligado - Desk Duty - This is a duplicate spill report of 2005071. Spill closed."
Remarks:	"possible sewage leak no clean up"

GROUND (Continued) **S126996832**

All Materials:
Site ID: 610877
Operable Unit ID: 1358023
Operable Unit: 01
Material ID: 2369449
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

A23 **3RD AVE YARD** **NY Spills** **S104952844**
North **222 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.027 mi.
140 ft. **Site 22 of 22 in cluster A**

Relative: **Higher**
Actual: **18 ft.**

SPILLS:
Name: 3RD AVE YARD
Address: 222 3RD AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0012321 / 2003-06-23
Facility ID: 0012321
Facility Type: ER
DER Facility ID: 174428
Site ID: 210416
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 2401
Spill Date: 2001-02-16
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2001-02-16
CID: 257
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-02-16
Spill Record Last Update: 2003-06-23
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: 4 IRVING PLACE
Spiller Company: 001
Contact Name: ANTHONY NATALE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
FOLEY Con Ed e2mis #135556: 16-FEB-2001 08:30 HRS. STORES DEPT

3RD AVE YARD (Continued) **S104952844**

STOREKEEPER. G.RAPUZZI EMP# 45646. REPORTS WHILE ON INSPECTION OF STORES BUILDING #2 FOUND A DOUBLE BAGGED JOINT RESERVOIR TANK THAT HAD BEEN PREVIOUSLY REMOVED AND MADE READY FOR SHIPPING TO ASTORIA FACILITY HAD LEAKED APPROX. 6oz OF DIELECTRIC FLUID IN TO A BIGALOW STORAGE CONTAINER AND THEN ON TO A CONCRETE FLOOR. SPILL WAS CONTAINED. ABSORBENT PADS PLACED AT 08:27 HRS. SPILL WILL BE CLEANED AS 50-499. 10:15HRS TINO FERNANDEZ (ENV OPS) REPORTS, 6OZ OF OIL OIL SPILL THAT WAS ON GROUND WAS DOUBLE WASHED WITH SLICKS AND CLEANED UP WITH OIL ABSORBENT. 1/2 GALLON SOAKED UP WITH OIL ABSORBENT OUT OF PLASTIC AND CARDBOARD BIGALOW STORAGE CONTAINER. THIS CONTAINER WAS CUT UP AND PUT IN DRUM. LEAKING RESERVIOIR TANK ALSO PLACED IN DRUM. THREE DRUMS OF DEBRIS TOTAL THAT STORES WILL BE SHIPED OUT. "

Remarks: "cleanup will be after the 2hrs period - ref #135556"

All Materials:

Site ID:	210416
Operable Unit ID:	833855
Operable Unit:	01
Material ID:	542594
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B24
East
< 1/8
0.029 mi.
155 ft.

617 SACKETT STREET REALTY CORP. **NY UST** **U000394275**
617 SACKETT STREET **N/A**
BROOKLYN, NY 11217

Site 2 of 9 in cluster B

Relative:
Higher

Actual:
22 ft.

UST:

Name:	617 SACKETT STREET REALTY CORP.
Address:	617 SACKETT STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-069299 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	03/10/1997
UTM X:	585880.04087
UTM Y:	4503578.49138
Site Type:	Other

Affiliation Records:

Site Id:	1465
Affiliation Type:	Facility Owner
Company Name:	617 SACKETT STREET REALTY CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	617 SACKETT STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217

617 SACKETT STREET REALTY CORP. (Continued) **U000394275**

Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1465
Affiliation Type: Mail Contact
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO
Address1: 617 SACKETT STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1465
Affiliation Type: Facility Operator
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1465
Affiliation Type: Emergency Contact
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

617 SACKETT STREET REALTY CORP. (Continued) **U000394275**

Tank Info:

Tank Number:	001
Tank ID:	2532
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I05 - Overfill - Vent Whistle
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

C25 **HOLYLAND AUTO REPAIR INC.** **NY AST** **A100178067**
SE **637 UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.032 mi.
168 ft. **Site 1 of 11 in cluster C**

Relative: **Higher**

Actual: **22 ft.**

AST:

Name:	HOLYLAND AUTO REPAIR INC.
Address:	637 UNION STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605796
Program Type:	PBS
UTM X:	585857.74766
UTM Y:	4503504.81433
Expiration Date:	04/27/2026
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	27663
Affiliation Type:	Facility Owner

HOLYLAND AUTO REPAIR INC. (Continued) **A100178067**

Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	PRESIDENT
Contact Name:	YOUSEF DARI
Address1:	637 UNION ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 246-9695
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2016-03-18

Site Id:	27663
Affiliation Type:	Mail Contact
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	YOUSEF DARI
Address1:	637 UNION STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 246-9695
EMail:	HOLYLAND637@AOL.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-03-31

Site Id:	27663
Affiliation Type:	Facility Operator
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	YOUSEF DARI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 246-9695
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2009-06-19

Site Id:	27663
Affiliation Type:	Emergency Contact
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	YOUSEF DARI
Address1:	Not reported
Address2:	Not reported
City:	Not reported

HOLYLAND AUTO REPAIR INC. (Continued) **A100178067**

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 923-5205
EMail: Not reported
Fax Number: Not reported
Modified By: KXLIU
Date Last Modified: 2021-05-11

Tank Info:

Tank Number: 001
Tank Id: 60481
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/2003
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KXLIU
Last Modified: 05/11/2021
Material Name: waste oil/used oil

D26 **KLOR-DE CLEANERS** **NY DRYCLEANERS** **S110247069**
SW **263 3RD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.035 mi.
187 ft. **Site 1 of 11 in cluster D**

Relative: **Higher**
Actual: **19 ft.**

DRYCLEANERS:
Name: KLOR-DE CLEANERS
Address: 263 3RD AVENUE
City,State,Zip: BROOKLYN, NY 11215
Facility ID: 2-6103-00151
Phone Number: 718-875-4448

KLOR-DE CLEANERS (Continued) **S110247069**

Region:	Not reported
Registration Effective Date:	2-Nov-19
Inspection Date:	2013-09-06 00:00:00
Install Date:	94/06
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

D27 **KLOR-DE CLEANERS** **EDR Hist Cleaner** **1018873447**
SW **263 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.035 mi.
187 ft. **Site 2 of 11 in cluster D**

Relative: EDR Hist Cleaner:
Higher

Actual:
19 ft.

Year:	Name: / Type:
1976:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1977:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1978:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1979:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1980:	KLOR-DE CLEANERS / Carpet And Upholstery Cleaning
1982:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1983:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1985:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1986:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1987:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1988:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1989:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1990:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1991:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1992:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1993:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1994:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1995:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1996:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1997:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1998:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2002:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2003:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2004:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2005:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2006:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2007:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
2008:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs

E28 **MATTHEWS INTERNATIONAL CASKET DIV** **RCRA NonGen / NLR** **1018158807**
West **585 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.038 mi.
200 ft. **Site 1 of 3 in cluster E**

Relative: **Lower**

Actual: **15 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20150811
Handler Name:	MATTHEWS INTERNATIONAL CASKET DIV
Handler Address:	585 UNION ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYN008027997
Contact Name:	CHRISTOPHER ZANETAKOS
Contact Address:	UNION ST
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-852-6606
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	MGR
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	UNION ST
Mailing City,State,Zip:	BROOKLYN, NY 11215
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MATTHEWS INTERNATIONAL CASKET DIV (Continued) **1018158807**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150811
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150811
Handler Name: MATTHEWS INTERNATIONAL CASKET DIV
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

MATTHEWS INTERNATIONAL CASKET DIV (Continued) **1018158807**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150806
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2STP
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

E29 **COMMERCIAL** **NY Spills** **S127480406**
West **585 UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.038 mi.
200 ft. **Site 2 of 3 in cluster E**

Relative: SPILLS:
Lower Name: COMMERCIAL
Address: 585 UNION STREET
Actual: City,State,Zip: BROOKLYN, NY
15 ft.

COMMERCIAL (Continued) **S127480406**

Spill Number/Closed Date: 2009932 / Not Reported
Facility ID: 2009932
Facility Type: ER
DER Facility ID: 564758
Site ID: 616950
DEC Region: 2
Spill Cause: Unknown
Spill Class: D4
SWIS: 2401
Spill Date: 2021-02-09
Investigator: NTFREEMA
Referred To: Not reported
Reported to Dept: 2021-03-09
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 2021-03-09
Spill Record Last Update: 2021-12-22
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ROBERT DWYER
DEC Memo: "3/3/2021- DEC Piper spoke with consultant. Site had several investigations done in recent years and found low level soil and groundwater contamination. Owner is looking to enter the VCP program and has already hada pre-application meeting with DEC. Application has not been submitted though will be shortly. Site will have to adhere to spills requirements if not accepted. Report to be sent to DEC Piper and DEC Kim for review. 12/21/2021- email sent to and received by consultant. site entered VCP program c224329, manage Nathan Freeman in Albany. Spill transferred to Nathan for follo and closure."
Remarks: "soil and ground water affect by historic spill. Phase two investigation was reason for the dig, this is for potential redevelopment of the site, clean-up pending."

All Materials:
Site ID: 616950
Operable Unit ID: 1364087
Operable Unit: 01
Material ID: 2376454
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

D30 **RIDGE COMPLETE AUTO** **NY AST** **A100348969**
SW **264 THIRD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.039 mi.
205 ft. **Site 3 of 11 in cluster D**

Relative:
Higher

Actual:
19 ft.

AST:

Name:	RIDGE COMPLETE AUTO
Address:	264 THIRD AVENUE
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611243
Program Type:	PBS
UTM X:	585712.79814
UTM Y:	4503506.45739
Expiration Date:	02/04/2015
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	424625
Affiliation Type:	Facility Owner
Company Name:	RIDGE COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	264 THIRD AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 832-1413
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-02-04

Site Id:	424625
Affiliation Type:	Facility Operator
Company Name:	RIDGE COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	MARC MANNINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 832-1413
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-02-04

Site Id:	424625
Affiliation Type:	Emergency Contact
Company Name:	RIDGE COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	MARC MANNINO

RIDGE COMPLETE AUTO (Continued) **A100348969**

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 723-3563
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-02-04

Site Id: 424625
Affiliation Type: Mail Contact
Company Name: RIDGE COMPLETE AUTO INC.
Contact Type: Not reported
Contact Name: MARC MANNINO
Address1: 264 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 832-1413
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-02-05

Tank Info:

Tank Number: 001
Tank Id: 232808
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/02/1999

RIDGE COMPLETE AUTO (Continued) **A100348969**

Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

D31 **KLOR-DE CLEANERS** **EDR Hist Cleaner** **1018635046**
West **546 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.041 mi.
214 ft. **Site 4 of 11 in cluster D**

Relative: EDR Hist Cleaner:
Lower

Actual: **16 ft.**

Year:	Name: / Type:
1975:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1976:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1977:	KLOR-DE CLEANERS / Drycleaning Plants, Except Rugs
1991:	CIRCLE KLOR DE RUG CLEANERS / Carpet And Upholstery Cleaning
1992:	CIRCLE KLOR DE RUG CLEANERS / Carpet And Upholstery Cleaning
1993:	CIRCLE KLOR DE RUG CLEANERS / Carpet And Upholstery Cleaning

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B32 **SPILL NUMBER 0211682** **NY Spills** **S106011725**
ENE **612 DEGRAW ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.042 mi.
224 ft. **Site 3 of 9 in cluster B**

Relative: SPILLS:
Higher

Actual: **21 ft.**

Name:	SPILL NUMBER 0211682
Address:	612 DEGRAW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0211682 / 2003-02-25
Facility ID:	0211682
Facility Type:	ER
DER Facility ID:	137408
Site ID:	162924
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-02-25
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-02-25
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

SPILL NUMBER 0211682 (Continued) **S106011725**

Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-02-25
Spill Record Last Update: 2003-02-25
Spiller Name: SUSAN MAGI
Spiller Company: HEATING OIL PARTNERS
Spiller Address: 2125 MILL AVE
Spiller Company: 001
Contact Name: SUSAN MAGI
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO 2/25/2003 at 10:50am - Zhao/DO spoke to Susan Magi: Spill went to cement pavement at loading duck. It was contained and has been cleaned up by Heating Oil Partners. Spill is closed. PS: Tank at this location is a 275 AST."
Remarks: "DELIVERYMAN WAS STRUCK IN HEAD BY A FALLING PALLET AT ABOVE LOCATION WHILE MAKING DELIVERY CAUSING HIM TO LOSE CONSCIOUSNESS AND ALLOWING MATERIAL TO SPILL."

All Materials:
Site ID: 162924
Operable Unit ID: 862739
Operable Unit: 01
Material ID: 511471
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: 2.00
Oxygenate: Not reported

D33 **ABF FREIGHTS** **NY Spills** **S126998057**
South **545 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.044 mi.
233 ft. **Site 5 of 11 in cluster D**

Relative: **Higher**
Actual: **21 ft.**

SPILLS:
Name: ABF FREIGHTS
Address: 545 PRESIDENT ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2006668 / 2020-10-22
Facility ID: 2006668
Facility Type: ER
DER Facility ID: 560595
Site ID: 612520
DEC Region: 2
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 2401
Spill Date: 2020-10-22
Investigator: AAOBLIGA
Referred To: Not reported
Reported to Dept: 2020-10-22
CID: Not reported

ABF FREIGHTS (Continued) **S126998057**

Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2020-10-22
Spill Record Last Update: 2020-10-22
Spiller Name: MATTHEW ANDRLE
Spiller Company: ABF FREIGHTS
Spiller Address: 545 PRESIDENT ST
Spiller Company: 999
Contact Name: MATTHEW ANDRLE
DEC Memo: "10/22/2020 - Clean harbors is en route. It was a 270 gallon tote of ethal alcohol. Spilled to the road. Upside down leaking from the top. Clean Harbors contact person - Martin Howard. 631 260 8608. When Clean Harbors arrived only a small puddle of alcohol was remaining on the sidewalk. They soaked it up. Clean up is complete. Spill closed."
Remarks: "tote fell from lift gate, no sewers. c/u pending"

All Materials:
Site ID: 612520
Operable Unit ID: 1359653
Operable Unit: 01
Material ID: 2371250
Material Code: 0303B
Material Name: ethyl alcohol
Case No.: 00064175
Material FA: Other
Quantity: 3.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

B34 **RISE STONE AND SURFACE** **NY Spills** **S127291589**
NNE **578 DEGRAW ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.044 mi.
233 ft. **Site 4 of 9 in cluster B**

Relative:
Higher

Actual:
20 ft.

SPILLS:
Name: RISE STONE AND SURFACE
Address: 578 DEGRAW ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2008680 / 2021-01-13
Facility ID: 2008680
Facility Type: ER
DER Facility ID: 563550
Site ID: 615630
DEC Region: 2
Spill Cause: Housekeeping
Spill Class: D3
SWIS: 2401
Spill Date: 2021-01-11

RISE STONE AND SURFACE (Continued) **S127291589**

Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2021-01-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2021-01-11
Spill Record Last Update:	2021-02-23
Spiller Name:	LAWRENCE RASALOGICH
Spiller Company:	RISE STONE AND SURFACE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DONALD ENG
DEC Memo:	"1/12/21 - Sekhon Case discussed with DEC Austin, DEC Piper dispatched to investigate. 1/12/21- DEC Piper reposnded to site with DEC Kim. Spill was from contractor yard and runs down street. I spok with rep of site and he will hire contractor first thing iin morning to clean pavement and storm drain. DEP Castro arrived on site and inspected Gowanus Canal with us. No sheen/ oil found. 1/13/21- DEC Piper spoke with Lawrence. ?He hired All Boro. I drove by site and confirmed cleanup. Spill satisfactory cleaned by AB. Based on size and location of spill, this spill is closed."
Remarks:	"total 50 gallons - into catchbasin - cleanup pending"

All Materials:

Site ID:	615630
Operable Unit ID:	1362742
Operable Unit:	01
Material ID:	2374848
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	615630
Operable Unit ID:	1362742
Operable Unit:	01
Material ID:	2374847
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

F35 **563 SACKETT STREET** **NY BROWNFIELDS** **S118141136**
NNW **563 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.049 mi.
259 ft. **Site 1 of 4 in cluster F**

Relative: **Lower**

Actual: **15 ft.**

BROWNFIELDS:

Name:	563 SACKETT STREET
Address:	563 SACKETT STREET
City,State,Zip:	BROOKLYN, NY 11215
Program:	BCP
Site Code:	507650
Acres:	0.229
HW Code:	C224222
SWIS:	2401
Town:	New York City
Record Added Date:	05/08/2015
Record Updated Date:	06/08/2021
Update By:	DJEATON

Site Description: "Location: The site is located at 563 Sackett Street in the Gowanus neighborhood of Brooklyn, Kings County, and is identified as Block 426 lot 44. The site is approximately 0.229 acres in size. Site Features: The site is developed with a large open shed, which is divided into two portions. A two-story structure consisting of stacked metal shipping containers is present at the northeast side of the site and is used for storage and office space by the site occupants. The remainder of the site consists of an unpaved yard that is used for general storage by the occupants. The majority of the eastern portion of the yard is covered with metal plates and the remainder of the yard consists primarily of exposed soil and gravel cover. Current Zoning and Land Use: The current zoning of the property is for commercial use. The eastern portion of the shed is occupied by Partner For You, a general commercial products (e.g., plastic bottles and aluminum cans) recycling facility, and the western portion of the shed is occupied by Brooklyn Truck & Equipment Repair, a vehicle and equipment repair operation. Historical Use: The site and surrounding area have been developed for residential, commercial and industrial uses since at least 1886. Historical site uses included Nolan Bro s Contractors (1904), a wagon builder (1915), a bottle storage facility (1938-1950), parking (1969 to 2007). Geology and Hydrogeology: The site lies at an average elevation of about 15 feet. The site is generally covered with paved roads, walkways and buildings. The built environment is generally underlain by fill material used for construction and development since the 1800's. The subsurface strata at the site consists of historic fill material characterized by loose silty sand with varying amounts of brick and concrete fragments, rubber, metal wire and coal fragments extending to depths ranging from about 10 to 20 feet below grade surface. The historic fill material was underlain by alluvial deposits consisting of poorly sorted sands with gravel and marsh deposits, referred to as meadow mat, which consists of interbedded sands, clays and silts. Depth of groundwater was measured at 13.84 feet below grade surface in a monitoring well located in the center of 560 DeGraw Street and at 6.85 feet below grade surface in the southwestern corner of 560 DeGraw Street. The depth to groundwater was measured at 9 feet bgs within the former gasholder footprint. Groundwater elevation measurements recorded from monitoring wells across the former MGP site indicate that the shallow groundwater, on the east side of the Canal, generally flows westward toward the

563 SACKETT STREET (Continued) **S118141136**

	Gowanus Canal at high and low tide levels. "
Env Problem:	"Nature and Extent of Contamination: The primary contaminants of concern at the site are Semi-Volatile Organic Compounds (SVOCs) and Metals. SVOCs include Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene and Chrysene. Metals include Arsenic, Barium, Cadmium, Copper, Lead and Mercury. The Volatile Organic Compound (VOC) Benzene was detected in one groundwater well. Soil: Contamination including SVOC and Metals were observed throughout the historic fill layer that exists at the site. The fill layer is generally present from grade to depths of approximately twenty feet below grade. The SVOCs Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene and Chrysene were detected at maximum concentrations of 22.7; 14.7; 16.1 and 14.5 parts per million (ppm), respectively. Their respective unrestricted use soil cleanup objectives are 1, 1, 0.8 and 1 ppm. The Metals Arsenic, Barium, Cadmium, Copper, Lead and Mercury were detected at maximum concentrations of 36.4; 679; 34.3; 1,240; 1,840; and 1.57 ppm respectively. Their respective unrestricted use soil cleanup objectives are 13; 350; 2.5; 50; 63 and 0.18 ppm. Groundwater: Limited groundwater contamination was observed. Benzene was detected in one on-site well at a concentration of 2.6 parts per billion (ppb). The ambient groundwater standard for Benzene is 1 ppb. The SVOC benzo(b)fluoranthene was detected in one well at 0.6 ppb, exceeding its ambient groundwater standard of 0.002 ppb. In addition, the Metals Manganese and Selenium were detected in groundwater at maximum concentrations of 1,000 and 13 ppb respectively. Their respective groundwater quality standards are 300 and 10 ppb. Soil and Sub-Slab Soil Vapor: Various petroleum related VOCs were detected in the soil vapor samples collected at the site. Tetrachloroethene was detected in a soil vapor sample at a concentration of 240 micrograms per cubic meter (ug/m^3). There is no standard for soil vapor concentrations. Special Resources Impacted or Threatened: None"
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-14 08:50:00
Record Upd:	2015-05-14 08:50:00
Updated By:	SRHEIGEL
Own Op:	1
Sub Type:	06
Owner Name:	Not reported
Owner Company:	242 Nevins, Inc.
Owner Address:	444 Third Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03

563 SACKETT STREET (Continued) **S118141136**

Owner Name:	Marino Mazzei
Owner Company:	Bella Venezia, LLC
Owner Address:	242 Nevins Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Candace Vasquez
Owner Company:	Brooklyn Public Library - Pacific Branch
Owner Address:	25 4th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

B36 **COMMERCIAL PROPERTY** **NY Spills** **S109062979**
ENE **620 DEGRAW STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.050 mi.
266 ft. **Site 5 of 9 in cluster B**

Relative: SPILLS:
Higher

Name:	COMMERCIAL PROPERTY
Address:	620 DEGRAW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0801906 / 2013-07-03
Facility ID:	0801906
Facility Type:	ER
DER Facility ID:	347331
Site ID:	397947
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-04-30
Investigator:	RVKETANI
Referred To:	060713 APPROVED 112212 REMEDIAL INVESTIG RPT
Reported to Dept:	2008-05-19
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0

Actual:
23 ft.

COMMERCIAL PROPERTY (Continued) **S109062979**

Date Entered In Computer: 2008-05-19
Spill Record Last Update: 2013-07-03
Spiller Name: BRENDAN MORAN
Spiller Company: SHAMOSH REALTY LLC
Spiller Address: 620 DEGRAW STREET
Spiller Company: 999
Contact Name: BRENDAN MORAN
DEC Memo: "Sangesland spoke to Brendan Moran at Laurel Envir. A phase 2 done on a site. Sanborne says a tank once was in this location. No tank was found, but they did find contamination. Property Owner: Jack Amir 718-240-2622 fax:718-240-2662 CSL sent to: Dynamite Decorators Attn: Jack Imir 1100 Linwood Ave Brooklyn, NY 11208
06/18/08-Vought-Received call from and spoke to Chaya Sofer (718-314-7750) who works for Jack Amir who was requesting report review. 06/27/08-Vought-Reviewed Limited Phase II Subsurface Investigation report dated 5/23/08 and received on 5/29/08 form Laurel Environmental Associates (Brendan Moran Ph:631-673-0612 Fax:631-427-5323). Laurel retained by First National Bank of Long Island. Site formerly used as contractors yard from 1888 top 1926, as a garage with two (550-gallon)gasoline USTs, part of site was former ink factory. Site currently used for storage of clothing products. Report also includes Phase ESA from Laurel Environmental dated 8/9/07 that states A steel inaccessible cover which may represent a fill port was noted in the western tenant space . Additionally a cut to grade concrete filled vent pipe and small area of patched concrete which may represent an inactive fill vent pipe and a fomrer dispenser, respectively, were also observed in close proximity to the Sanborn depicted UST. A fill port labeled GASOLINE was observed in the exterior sidewalk near the central tenant space overhead door . Two stick/fill ports were noted within the western tenant space storage area. Initial sampling plan included collection of three soil samples and one groundwater sample around SB-7 to be analyzed via 8260. Later investigation included eleven geoprobe locations. Groundwater at depth of 13' below grade and expected groundwater flow to the southwest. WESTERN TENANT SPACE- Investigation of two fill ports showed they were both connected to one single UST containing 3' of gasoline with bottom of tank at 5.5'bg. The capacity of the tank likely ranges between 550 gallons and 1,500 gallons . Six geoprobes performed around tanks. Field screening of samples collected from each boring location did not show evidence of petroleum or other contamination . A confirmatory sample was collected from ten(10) to fifteen(15) feet below grade. The sample was delivered to the laboratory via courier and placed on Hold pending further instruction from the client. Analysis of the sample was later approved by the client though the sample was no longer viable . Report recommends removal or abandonment in place of UST. Five soil borings performed around UST showed no field indications of soil contamination. CENTRAL TENANT SPACE-Gasoline fill port in sidewalk was investigated and was decomissioned with concrete. Magnetic anomoly found in direction of fill piping. Soil sampling in the area of the anomaly was not conducted as a required NYCDOT sidewalk opening permit was not included in the scope of work . Geoprobe boring SB-7 was performed in area of magnetic anomaly and soil borings performed to depth of 15'bg. Soil analytical no longer viable due to retention time in lab. Three additional Geoprobe borings performed later around SB7 and soil samples were collected showing: 22,200ppb 1,2,4-trimethylbenzene(SB7A 3-5'bg), 7230ppb 1,3,5-trimethylbenzene(SB7A 3-5'bg), 1740ppb

COMMERCIAL PROPERTY (Continued) **S109062979**

xylene(SB7A 3-5'bg). Groundwater sample was collected in area if SB7C and groundwater sample showed 2ppb MTBE(SB7C). Report recommends reinvestigation of sidewalk fill port by rover camera and/or sonde tracing to determine if connection to a UST exists. If necessary, obtain NYCDOT sidewalk opening permits to excavate piping and conduct sampling in the area of the nearby anamoly . EASTERN TENANT SPACE-Soil boring performed in area of historical UST and field screening showed no evidence of contamination. Report recommends no further investigation. DEC approves recommendations in Phase II pending inclusion of requirements: 1)future use of property? 2)Central tenant space-delineation of groundwater contamination at sample at SB7A, 3)Central Tenant Space -site assessment where anomaly was found as per 40CFR280. Vought sent letter with above requirements to prepared for address on Phase II: First National Bank of Long Island 10 Glen Head Road Glen Head, New York 11545 Vought called Brendan Moran (Laurel 631-673-0612) for future property use and to explain requirements and inquire as to future use of property. Vought spoke to Moran who was unsure of future use and would return call to DEC. Vought sent out letter to above address with cc to Moran. Address of Developer: Ms. Chaya Sofer A. Shamosh Realty 620 Degraw Street Brooklyn, NY 11217 Ph: 718-240-2622 Fax: 718-240-2662 07/21/08-Vought-Received call from and spoke to Chaya. She received 6/30 letter and she provided letter to Laurel Environmental. Vought approved tank removal adjacent to SB7A in lieu of investigation and discussed above requirements. 08/07/08-Vought-Received call from and spoke to Rocky Weneskus (PW Grosser -631-589-6353) who is working for Chaya Sofer. 6/11/10-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A. 10/1/10 - Raphael Ketani. The spill took place on 4/30/08 and involved the discovery of contaminated soil during an investigation. According to ACRIS, the property (block and lot 427/21) was sold in 12/1998 to Shamosh Realty, LLC, 620-628 Degraw Street, Brooklyn. By 2005, A. Shamosh Realty, LLC changed its address to 1454 East 14 Street, Brooklyn, NY, 11230. The E-docs and the paper file have the original CSL, the Laurel Environmental Associates Phase II, and Mr. Vought's Phase II review letter. There are no other spill cases for the property and no PBS registration. There are 3 tenants on the site. From the database notes, it appears that the part of the property occupied by the west tenant had a gasoline UST with product in it. The part of the property occupied by the central tenant needs the delineation of soil and groundwater contamination. There may be a UST. The area occupied by the eastern tenant does not have any environmental issues. I tried to contact Rocky Wenskus of PW Grosser (631) 589-6353, but I could only leave a message. Mr. Wenskus called me back. He said that PW Grosser did not win the bid for the work. So they had no involvement with the project. I sent a standard followup letter to Shamosh Realty and the First National Bank of Long Island requesting the remediation report. 12/3/10 - Raphael Ketani. As there has been no response to the followup letter, I sent a STIP package to Chaya Sofer, A. Shamosh Realty, LLC, 1454 E. 14th Street, Brooklyn, NY 11230. A deadline was set at January 7, 2011 for the return of the signed STIP. 1/12/11 - Raphael Ketani. I tried to reach Ms. Sofer (718) 240-2622/cell (718-314-7750), but my call was picked up by an answering machine with a message stating that I had reached Dynamite Decorators. I left messages at both of Ms. Sofer's phone numbers and stated that the spill case will be forwarded to our legal division for action. I tried to contact Brendan Moran at (631) 673-0612

COMMERCIAL PROPERTY (Continued) **S109062979**

(Laurel Environmental Associates), but I could only leave a message. I checked the PBS database, but there was no registration case. 1/14/11 - Raphael Ketani. I spoke Mr. Moran (631) 673-0612/bmoran@laurelenv.com. He said that Laurel Environmental has had no contact with A. Shamosh Realty since they performed the work in 2008. He said that this was a bank deal. He had no other contact information, but he said that they were hard to reach. I tried once more to reach A. Shamosh Realty. I called up the (718) 240-2622 number and again reached Dynamite Decorators. This time, I asked for the property owner. I was passed to Suzanne who told me that the owner is Jack Imir at (212) 532-5005. She said that I can also reach him at the (718) 240-2622 number. She said that he has several businesses. However, right now, he is out of town. He will be back teusday. Next, I successfully contacted Ms. Sofer. She said that she used to be Mr. Imir's secretary. She said that she hasn't worked for him for several years. She gave me the same (212) number for contacting Mr. Imir. 1/19/11 - Raphael Ketani. I tried to contact Mr. Imir, but I reached his assistant (212) 532-5005 who didn't give his name. The assistant told me that Mr. Imir was out of town. I asked the assistant to contact him today and find out whether he was willing to sign the STIP. I added that if Mr. Imir doesn't sign the STIP, then the case will be forwarded to our Office of General Counsel for legal action. He said that he understood and would call Mr. Imir. The assistant told me that the company I was contacting was: ESTEX House Fashion, 284 5th Avenue, NY, NY. Mr. Imir never called the Department in order to discuss conducting a followup investigation or signing the Stipulation Agreement. Therefore, I submitted a Case Initiation Form to Randall Austin, Chief of the Spills Unit, for his signature. 1/20/11 - Raphael Ketani. Mr. Imir called me today. He said that his assistant had told him that the DEC was calling. So he wanted to know what the DEC was concerned about. I told him about the contaminated soil and groundwater that was found by Laurel Environmental. I added that the DEC had sent him a CSL, a followup letter, and a Stipulation Agreement for his signature. Mr. Imir said that he never received any of these documents. I asked him where he gets his mail. He said that I should mail letters to: A. Shamosh Realty, LLC, c/o Jack Imir, 1527 Ocean Parkway, Brklyn, 11230. He added that his FAX number is: (212) 532-1414. I asked Mr. Imir about his ownership of the property. He said that he bought the property sometime in 1999 or 2000. He said that he had applied for more money for his business in 2008 and that's when Laurel did an investigation on behalf of Sovereign Bank. However, he later decided against taking the money. Mr. Imir added that Laurel never told him that more work needed to be done. He said that he was hesitant to ask for more environmental investigating because he thought that Laurel was looking to make more money. I sent him a new STIP with a 30 day deadline and a green return card, as per John Urda of Legal. I also sent the STIP by FAX. 1/25/11 - Raphael Ketani. Vinny Lovari's wife called to say that Mr. Imir had hired Island Tank (631) 662-9445 to do a soil and groundwater investigation and to take away the old fuel tank. I told Vinny's wife that soil borings were needed to determine, in general, whether there is soil contamination throughout the soil underneath the building. I asked her whether Vinny can install wells, also. She said that he can. Later, I received the green return card with Mr. Imir's signature. 1/26/11 - Raphael Ketani. Paul Stewart of Advanced Cleanup Technologies (516) 933-0655, ext 12 called and left a message. He wanted to get information regarding the site so that he

COMMERCIAL PROPERTY (Continued) **S109062979**

can write a proposal and send it to Mr. Imir. I tried to return his call, but could only leave a message. 2/3/11 - Raphael Ketani. Vinny of Island Tank (631) 662-9445 called yesterday. He said that Island Tank was approved by Mr. Imir to do the work. Geoprobing will be done on 2/3/11 and they will hunt for the tank and the piping. Later, Chris of ABC Tank called. He wanted to know what will be needed to investigate the site. I told him that 15 borings would suffice for an initial investigation of the site, along with investigating the anomaly in the eastern section, the fill port in the central section and the tank and fill ports in the western section. He said that he will talk to Mr. Imir about the proposal and see whether he will get the job. 2/8/11 - Raphael Ketani. Vicki of Island Tank (Environmental) sent me 12 pictures of the fuel management system. I put them in the E-docs. 2/10/11 - Raphael Ketani. Chris from ABC Tank (718)272-2800 called. He said that he had spoken to Mr. Imir and that he was putting together a price for doing the investigative work. He said that he needed two more days to calculate the price and put together the contract. I told him that would be fine. Chris said that he expected to start the work next wednesday, 2/16/11. A little while later, Tom Gallinger (tgallinger@optonline.net) called. He said that he was working with Chris of ABC on the project. He wanted to know more about the site and what type of work was required. I read him the case notes describing what had been done in each section of the site. He requested the last investigation report that had been done for the site. I sent him the Laurel Phase II. 2/14/11 - Raphael Ketani. Mr. Imir called me today. He said he had sent the signed STIP via UPS. I told him that there were mistakes with the address and that UPS couldn't deliver the package. I added that they will send the STIP in the package back to him and to then put the STIP in a regular envelope and send it to the DEC. I told him that we will not penalize him for this problem. He said that he will resend the STIP once he gets it by regular mail. Mr. Imir added that he is also waiting for a proposal from each of the three companies he contacted. He said that he called these companies many times, but they are slow in getting back to him. I told him that the DEC is glad that he is moving forward with the project and to send me the proposal once he gets it. He said that he will keep me updated. 2/15/11 - Raphael Ketani. Alex Avracen of Cosmos Environmental Services Inc. called to find out what the DEC believes is needed to investigate the site. I told him what the site history was. He said that he had reviewed the Laurel Environmental Phase I and Phase II. He said that he will make a proposal to Mr. Imir. 2/17/11 - Raphael Ketani. I tried to contact Mr. Imir (212) 532-5005, ext 13/(718) 240-2622 regarding the submission of the STIP, but I could only leave messages. Mr. Imir called me back. He said that he still hasn't received the UPS package with the STIP with the original signature. He will find out where it is and give me a call back. Later, Mr. Imir left a message that he had the package and was putting it in the regular mail today, as I requested. 2/23/11 - Raphael Ketani. Today I received the signed STIP package. I forwarded it up to our legal staff. 3/1/11 - Raphael Ketani. I received an e-mail from Lou Oliva, Regional Attorney, with a pdf file of the A. Shamosh Realty executed STIP. I sent a copy of the STIP to Mr. Imir. Later, Mr. Avracen (516) 374-7890 called me. He said that Mr. Imir had hired him. He will submit a proposal to the DEC on March 9. 3/25/11 - Raphael Ketani. I called up Mr. Avracen (516) 374-7890 and told him that the deadline for submitting the work plan had expired. Mr. Avracen said that he didn't realize that the

COMMERCIAL PROPERTY (Continued) **S109062979**

expiration date was today. He asked that I give him until monday to submit the work plan. He said that it will contain all of the elements that we had discussed. I told Mr. Avracen that this would be alright, but no later. Otherwise, I will have to take action. He asked for May 2 as the deadline for submitting the investigation report. I asked him whether this was enough time to do the work, get the sample results and submit the report. Mr. Avracen said that it was. Later, I tried to contact Mr. Imir (212) 532-5005, ext 13/(718) 240-2622. However, I could only leave a message that the deadline for submitting the work plan had passed. 3/28/11 - Raphael Ketani. Mr. Avracen sent me a work plan by e-mail. I reviewed it and disapproved it. I disapproved it for the following reasons: 1) there were no borings in the back areas of each section; 2) the boring next to the fill port was for 4 feet, rather than digging until the most contaminated sample is found; 3) he was going to take composite samples where no contamination was found - this is not the proper sampling method; 4) a ground penetrating radar survey needed to be done for each section and any anomalies needed to be investigated and borings done if a UST is discovered Later, Mr. Imir called. He just found my message from 3/25/11 on his answering machine. He said that he will do whatever the DEC feels is necessary. He asked whether Mr. Avracen had sent the work plan. I told him that he had and I had disapproved it because it needed changes. I added that Mr. Avracen had been informed by e-mail about the changes. I also told Mr. Imir to talk to Mr. Avracen about the changes. Mr. Imir asked whether legal action was going to be taken by the DEC. I told him that we wont if we get the revised work plan very soon. 3/31/11 - Raphael Ketani. Mr. Avracen sent me the revised 3/25/11 work plan. It incorporated the above listed 4 items. I approved the work plan and e-mailed Mr. Avracen (516) 374-7890 to proceed as soon as possible. 5/3/11 - Raphael Ketani. I called up Mr. Avracen (516) 374-7890 and asked him where the investigation report was. He said that he had just received the signed contract and a check via overnight mail from Mr. Imir. He said that the envelope was mailed yesterday. Mr. Avracen said that the mark outs will be done this week and the work will start next week. I told Mr. Avracen to keep me informed regarding progress on the project. He said that he will. 6/7/11 - Raphael Ketani. I tried to contact Mr. Avracen (516) 374-7890 regarding progress at the site, but I could only leave a message. 6/10/11 - Raphael Ketani. I tried to contact Mr. Avracen (516) 374-7890 regarding progress at the site, but I could only leave a message. Mr. Avracen called me back. He said that he had done all of the drilling, and soil and groundwater sampling. He received the analytical results for the samples and they are low in concentration, except for one place under the sidewalk. He believes that there were gasoline overfills. There are two tanks. One has gasoline and one has fuel oil. Mr. Avracen will send the full report soon. 8/3/11 - Raphael Ketani. I tried to contact Mr. Avracen (516) 374-7890 regarding progress at the site, but I could only leave a message. Mr. Avracen called me back. He said that Mr. Imir finally made the last payment for the work that was performed. So, the DEC will receive the investigation report sometime during this week or next week. 9/15/11 - Raphael Ketani. I tried to contact Mr. Avracen (516) 374-7890 regarding his sending the investigation report, but I could only leave a message. 9/16/11 - Raphael Ketani. I spoke to Mr. Avracen. He said that he had sent the report some time ago. I told him that we never received it. I added that sometimes the lab analytical report

COMMERCIAL PROPERTY (Continued) **S109062979**

is too large to send with the rest of the investigation report. Mr. Avracen said that he will send the two items separately this morning. 9/19/11 - Raphael Ketani. Today I received the COSMOS Environmental Services 8/1/11 Investigation Report. I began my review. 9/22/11 - Raphael Ketani. I finished reviewing the COSMOS 8/1/11 report. Western section (hardware store): 3 soil borings performed in the vicinity of the gas UST, 1 boring performed in the rear of the store, 1 well installed; sample from B-10 near the gas UST had elevated target compound hits, B-9 sample had 2 SVOCs above TAGM standards Central section (fish market): 3 soil borings performed in the vicinity of the gas UST, 1 boring performed in the rear of the store, 1 boring at the remote fill in the sidewalk, inspected two 275 gal. ASTs with basement soil analysis; sample B-8 along the gas tank fill line had elevated VOC concentrations, but no contamination below the 1.5' to 2.5' sampling zone, B-7 had elevated concentrations of target compounds Eastern section (bar/club): 3 soil borings performed in the vicinity of the gas UST, 1 boring performed in the rear, 1 well installed in the northeast corner; samples from B-3 and B-4 had elevated concentrations A GPR survey was performed in the rear of the building, but no anomalies were found that would suggest the presence of a UST. Groundwater is at about 13 feet below grade and didn't have product on it, nor a sheen or elevated hits. The cellar floor is made of concrete with some patches. There were no odors, nor stains on the concrete. In the report, Mr. Avracen recommended doing the following: 1) abandon the 3,000 gal. UST in the courtyard of the western section and do 2 borings below the UST 2) the gas UST in front of the west section should be abandoned and soil samples should be collected below the tank 3) the gas UST in the central section and the surrounding soil should be removed and end point samples taken 4) contaminated soil should be excavated along the fill line and end point samples taken 5) perform a test pit at the fill port in front of the east section to see if there is a UST and if there is, then remove the tank and any contaminated soil and do end points Additionally, from the soil data that was presented in the report, I determined that soil excavation should take place at the locations of B-3 and B-7. The soil should also be removed from the location of boring 7A from the Laurel Environmental Associates Phase II report. I drafted a letter to Mr. Imir and Mr. Avracen approving the COSMOS 8/1/11 report and the recommendations contained therein. I added my own recommendations listed above. The draft letter was sent to Mr. Austin for his approval with a deadline of October 21, 2011 for the work to start. 9/23/11 - Raphael Ketani. The letter was approved by Mr. Austin and was sent out today. 10/12/11 - Raphael Ketani. Vinny Lovari (631) 662-9445 of Island Tank called and left a message yesterday. I returned his call today and left a message. Later, Mr. Lovari called. He said that Mr. Imir was hiring him to deal with the USTs, the fill line and to check and see whether the fill port in front of the east section is connected to a tank. I told him that if there is contaminated soil below a tank, then the tank will have to be removed unless its removal would jeopardize the building's foundation. Mr. Lovari said that he understood. Mr. Imir called. He wanted to clarify what the DEC wanted done. I told him that the work that should take place was indicated in the DEC 9/23/11 letter. Mr. Imir said that he had the letter and he sent a copy to Mr. Lovari along with the COSMOS report. He added that he gave Mr. Lovari the tank work as this is his specialty. I told him that would be fine. 10/18/11 - Raphael Ketani. Mr. Imir called and requested an extension

COMMERCIAL PROPERTY (Continued) **S109062979**

of the deadline for starting the UST abandonment and removal and additional work. He said that many holidays were coming up and that he needed to be out of the country for a short while, too. Mr. Imir added that he still hasn't decided whether COSMOS or Island Tank will do the work. I changed the deadline and gave him until 11/18/11 to start this phase of the work. 11/16/11 - Raphael Ketani. Danny Singh of Don Carlo Environmental (718) 857-3100 called. He said that Mr. Imir was going to sign a contract with Don Carlo for doing the work that was recommended in DEC's 9/23/11 letter. I told him that would be fine. 12/1/11 - Raphael Ketani. Today I reviewed the Don Carlo 11/16/11 Remedial Action Plan. The only comments I had were that the VOCs should be analyzed by method 8260, the CP-51 lists of VOCs and SVOCs should be used and that Don Carlo should see whether there is a UST below the sidewalk. I sent an e-mail approving the RAP with my comments. 12/13/11 - Raphael Ketani. Mr. Singh called today. Don Carlo has removed the two 275 gal. ASTs and the one 1,000 gal. gasoline UST. They did a GPR survey for any tanks or piping near the seafood store, but didn't find anything. The 1,000 gal. UST was in the area of the hardware store. They had removed the contaminated soil from the sides of the excavation, but then they dug down 11 feet to remove the rest of the contaminated soil. Mr. Singh said that the soil still smelled of gasoline, but that they were afraid to go deeper for fear of endangering the foundation. I told him that they should have been digging at a 45 degree angle away from the foundation and that the DEC never asks anyone to dig to the point of endangering a foundation, utilities or appurtenances. Mr. Singh said that his crew will take soil samples from the side of the hole, from under the vault and from the bottom and then backfill the hole. He said that two wells will be installed for soil treatment injections. I asked him whether there was a downgradient well in the area. He said that there is a well about 7 feet upstream. He added that on 12/20 and 12/21, they will have access to the lounge and will do a GPR survey to determine whether the 3,000 gal. UST is still there. 1/4/12 - Raphael Ketani. Mr. Imir (212) 532-5005 ext 13/(718) 240-2622 left me a message and I tried to contact him. However, I could only leave a message with his secretary. Mr. Imir called me back. He said that Mr. Avracen wanted to do soil treatment injections at the location of B-7 from his 8/1/11 COSMOS report. He said that the DEC had approved the work, but that he wasn't sure it was necessary as soil had been dug out down to 11 feet already. I told Mr. Imir that contamination had been left because it was not a good idea to dig out more soil next to the foundation. I looked at the data in the 8/1/11 report and told Mr. Imir that I would have to talk again to Mr. Avracen to see whether he had other soil data for this location. I added that if Mr. Avracen did take another soil sample after the excavation was completed, then this information may be helpful in determining whether soil treatment is necessary. I said that maybe it really wasn't. However, I couldn't promise him anything. Mr. Imir said that he understood and that he will have Mr. Avracen call me tomorrow. Lastly, I asked who is doing the tank removal and abandonment work. He said that it was Don Carlo. 1/6/12 - Raphael Ketani. I spoke to Mr. Singh (718) 857-3100 regarding the possible soil treatment of the area around B-7. He said that Mr. Imir and him have been having disussions about this and have been going back and forth on the issue. I told Mr. Singh that the DEC had taken another look at the contamination levels at B-7 and had decided that soil treatment was not necessary. I told him that this decision was

COMMERCIAL PROPERTY (Continued) **S109062979**

based on the facts that the contamination is in a very localized area, the soil had been dug out down to 11.5 feet by COSMOS, no more digging could take place because the location is next to the foundation, and because the analytical results were not high for a commercial site. Mr. Singh said that he understood. I told him that Don Carlo should continue to do the rest of the work that they plan to do and send the DEC a remediation report. We will look at the report and decide whether to close the spill case. With that, the conversation ended. I spoke to Mr. Imir (212) 532-5005 ext 13/(718) 240-2622 regarding the DEC's decision not to require soil treatment for the area of B-7. However, I told him that the rest of the remediation and tank removal work had to continue. Mr. Imir said that he understood and the conversation ended. 2/17/12 - Raphael Ketani. I received the January 2012 Don Carlo Tank Closure Report and began my review. 2/29/12 - Raphael Ketani. I finished my review of the Tank Closure Report. The descriptions of the locations of various parts of the site and the tanks are 180 degrees different from the descriptions in the Laurel Environmental and Cosmos Environmental reports. It appears that the north arrow in the Don Carlo site figure is pointed in exactly the opposite and wrong direction. A check of the Hagstrom Map seems to indicate that the Don Carlo figure is wrong. Nevertheless, I continued to work with the figure and compare it to the descriptions in the report. The ASTs and the 1,080 gal. UST in the hardware store (east section) were removed. Figure 1 shows that lots of contaminated soil was also removed. The excavation area may encompass the location of boring B-3 of the Cosmos investigation (see the September 23, 2011 DEC letter). A composited soil sample was taken at 3 feet bgs at the suspected pump island location and composited samples were taken from the sidewalls of the 1,080 gal. UST grave at 5 feet bgs. Two excavations were dug in the northwest corner of the seafood depot store (central section). Contaminated soil was removed in the vicinity of borings SB-7 and SB-7A of the Laurel Environmental investigation (see the September 23, 2011 DEC letter) and boring B-7 of the Cosmos investigation. The larger test pit was dug to 12 feet bgs and the smaller one was dug to 4 feet bgs. Samples were taken at 9 feet and 12 feet in the large pit and at 4 feet in the small pit. Three 550 gal. USTs under the lounge (western section) were cleaned out and abandoned in place. Two soil samples were collected from this area. One was a composite of the soil samples from the ends of each tank at 4 feet bgs (tank #004 under the lounge hallway; tanks #005 and #006 under the southeast quarter of the lounge itself. The other was from between tanks #005 and #006 at 6 feet bgs. A soil was sample was taken from the remote fill box location at 2 feet bgs and the last soil sample was taken from the vicinity of the oil water separator at 8 feet bgs. The oil water separator, itself, was cleaned of sludge and filled with cement. The soil end point results were, in general, almost entirely non-detect with only a small number of very low VOC and SVOC hits. However, there were high SVOC exceedences for benzo series analytes and their combustion products. These results are interpreted to represent historical fill as the naphthalene results for the same samples were either non-detect or very low. Soil disposal manifests, tank removal and closure in place affidavits, forms indicating that the liquids from the tanks were disposed of, a copy of analytical report and a copy of a PBS registration application were enclosed in the report. The report was deficient as not enough soil samples were taken around the tanks under the lounge (#004 to #006). Overall, too many samples

COMMERCIAL PROPERTY (Continued) **S109062979**

were composited. This gave an unclear picture regarding what soil conditions are under the site. It is also not clear whether all of the contaminated soil was removed from around the 1,080 gal. tank and the location of B-3. Additionally, Figure 1 is not to scale and this makes understanding where the borings were installed unclear. For this same reason, it is also not clear whether enough borings were installed in any of the sections of the site. Figure 1 also does not show the locations of the borings and wells that were previously installed, nor the location of the 3,000 gal. UST that was depicted in Figure 1 of the Cosmos Environmental report. Also, I could not find a current listing for the site in the PBS database. 3/1/12 - Raphael Ketani. I sent a letter to Mr. Imir and to Mr. Singh (718) 857-3100 disapproving the Tank Closure Report and explaining the deficiencies. Also, Mr. Imir was informed that the lack of a PBS registration for the site was a violation of 6NYCRR Part 612 and subject to penalties and fines. A deadline was set as March 30 for the submission of a work plan to perform more soil borings in the vicinities of tanks #004 to #006, and in the vicinity of the 1,080 gal. tank and B-3 excavation. 3/15/12 - Raphael Ketani. Mr. Imir (212) 532-5005 ext 13/(718) 240-2622 called me today regarding the results of the Don Carlo investigation and my letter dated 3/1/12. He explained that Don Carlo had lead him to believe that the remediation had been completed and no more work needed to be done. However, my 3/1/12 letter indicated that more work needed to be done. I told him that there was only one boring done in the area of tanks #005 and #006. So this was insufficient. He said that he was out of money and couldn't afford to have more work done. I told Mr. Imir that the DEC still didn't have a good idea of the subsurface soil conditions as the samples were composited. Mr. Imir asked whether the DEC could reduce the amount of requested work (soil borings). I looked at the Laurel Environmental plan and the results for borings SB-4 to SB-6 and told him that no borings would be required around tank #004. However, I said, three borings would be needed between the excavation pit for the former 1080 gal. tank and the location of COSMOS Environmental's boring B-3. In the end, Mr. Imir agreed to have 7 more borings done. He will contact Don Carlo and have them do the work. Lastly, the new PBS registration for the tanks at the site is #2-611758. 3/30/12 - Raphael Ketani. Mr. Imir's assistant called. She said that she was having trouble lining up a contractor to do the work reguested by DEC and that Mr. Imir was out of the country and wouldn't be back for about a month. She wanted an extension of the deadline to submit the work plan. I gave her until May 18 to submit the plan. A little while later, Mr. Avracen (516) 374-7890 of COSMOS Environmental called. He asked for clarification regarding what the DEC wanted in the way of investigative work. I told him about the need for the 7 borings. He said that he will get on this right away. 6/11/12 - Raphael Ketani. I spoke to Mr. Avracen (516) 374-7890 regarding the work plan. He said that he couldn't start the work because he needed to review the Don Carlo Tank Closure Report first to see whether they pumped out the sludge from the twin tanks under the club area. He said that, from what he knew, Don Carlo had just sucked out what liquid they could through the 2 inch direct fill ports and then filled the tanks with sand. So the walls of the tanks may still be covered with sludge and the bottom, too. He said that it wouldn't pay to do borings around the tanks if they have to be opened up and removed. I told him to go ahead and review the report thoroughly and then submit a work plan. He said that he will. He will

COMMERCIAL PROPERTY (Continued) **S109062979**

call me sometime during the week of June 18 to discuss a plan of action. 10/22/12 - Raphael Ketani. Mr. Avracen (516) 374-7890 called. He did more soil borings in the floor of the lounge and sent off the samples. Some borings were clean, but others had strong odors. He will get the results in two weeks. 4/15/13 - Raphael Ketani. As I hadn't received any reports or communication from Mr. Avracen in some time, I left him a voice message. I also sent him an e-mail stating that if the Department does not receive the reports by April 26, 2013, then we will take legal action as the deadlines in the Stipulation have not been met. I contacted Jack Imir (212) 532-5005 ext 13/(718) 240-2622 and asked him why the DEC hadn't received any reports or contact from Mr. Avracen. Mr. Imir said that he had paid him. He read to me an e-mail from 10/22/12 wherein Mr. Avracen had acknowledged receiving the payment he was due. Mr. Imir told me that he will e-mail Mr. Avracen demanding that the reports be sent. 4/17/13 - Raphael Ketani. Mr. Avracen called me back. He said that he did the soil borings in the lounge area, in the sidewalk in front of the lounge and in the vicinity of the 1,080 gal. tank and the location of B-3 in the east section of the property. All of the results came up clean, except the one for the outside boring next to the fill pipe for the twin USTs under the lounge. Mr. Avracen added that he didn't know whether the USTs under the lounge had been abandoned properly, but he will have to find this out. I asked Mr. Avracen when I would receive the investigation report. He said that he will send it this week, even though Mr. Imir owes him a little money. 5/13/13 - Raphael Ketani. I tried to contact Mr. Avracen (516) 374-7890 regarding the submission of the latest investigation report, but could only leave a message. I tried to contact Jack Imir (212) 532-5005 ext 13/(718) 240-2622 regarding the latest investigative work that was performed and the report for this work, but I could only leave a message. Mr. Imir called me back. He said that he had paid Mr. Avracen everything that he was owed. He added that Mr. Avracen told him on 5/10/13 that the report would be sent. I told Mr. Imir that, according to Mr. Avracen, the only issue was some contaminated soil outside at the fill port to the twin tanks. I added that I will set a new deadline of May 24, 2013 for receipt of the report. I again reviewed the January 2012 Don Carlo Tank Closure Report. Within the report, Don Carlo indicated that they had cleaned out the 3 USTs below the lounge and had abandoned them in place. They had also removed the 1,080 gal. UST and two nearby 275 gal. ASTs in the basement. Contaminated soil was found next to the fill pipe and box under the sidewalk that had served the twin 275 gal. USTs under the lounge area. The soil was removed down to 2 feet. 5/14/13 - Raphael Ketani. Mr. Avracen sent me an e-mail stating that he will send the report tomorrow. 6/6/13 - Raphael Ketani. Mr. Avracen sent the report yesterday and I began my review today of the 11/22/12 Remedial Investigation Report. As per my 3/15/12 conversation with Mr. Imir, 7 more borings were performed by Cosmos. According to the report, the work started on 10/12/12. Three (3) borings were done in the east section of the property in the vicinity of Cosmos boring B-3 and the former location of the gas UST. Four (4) borings were done in the west section of the property in the area of the twin gas USTs. All borings were performed to 12.5' to 13' bgs. The soil samples for the east section did not have VOC exceedences of the CP-51 unrestricted residential standards, but there were SVOC exceedences. Initially, 3 attempts were made close to the wall of the building in the west section, but a concrete obstruction was hit at 18' to 24

COMMERCIAL PROPERTY (Continued) **S109062979**

below the floor. PID hits in the three holes were from 250 ppm to 325 ppm. The head space and interface soil samples of the other borings in the west section did not have elevated VOC concentrations. However, there were SVOC exceedences. The VOC results were almost entirely non-detect for all of the samples, except B-14.2. This sample had one exceedence for total xylenes of 2,000 ppb. All of the soil samples had many SVOC hits and exceedences for the benzo series of analytes and their combustion products. However, B-11.2 had a 33,000 ppb exceedence for naphthalene and much higher benzo series exceedences than the other samples. 6/7/13 - Raphael Ketani. I called up Mr. Avracen (516) 374-7890 regarding the confusing highlighting for boring sample B-11.2. He said that naphthalene and the benzo series should have been highlighted, not the RDL numbers. Having answered my questions, I approved the report. 7/3/13 - Raphael Ketani. The information in the spill case was presented to staff at the DEC. Based upon their review, it was determined that the residual contamination was not a threat to people or the environment. Therefore, the spill case was approved for closure effective today."

Remarks: "FOUND DURING SOIL BORINGS, BELIEVES IT TO BE HISTORIC"

All Materials:

Site ID:	397947
Operable Unit ID:	1154865
Operable Unit:	01
Material ID:	2145698
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B37 **A SHAMOSH** **NY UST** **U004189562**
ENE **620-628 DEGRAW STREET** **NY AST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.050 mi.
266 ft. **Site 6 of 9 in cluster B**

Relative: **Higher**

Actual: **23 ft.**

UST:

Name:	A SHAMOSH
Address:	620-628 DEGRAW STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-611758 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	586044.12028
UTM Y:	4503565.49449
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	461170
Affiliation Type:	Facility Owner
Company Name:	A. SHAMOSH REALTY LLC
Contact Type:	GENERAL MGR

A SHAMOSH (Continued) **U004189562**

Contact Name: JACK IMIR
Address1: 620-628 DEGRAW STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (212) 532-5005
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2012-03-09

Site Id: 461170
Affiliation Type: Mail Contact
Company Name: A. SHAMOSH REALTY LLC
Contact Type: Not reported
Contact Name: JACK IMIR
Address1: 1527 OCEAN PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (212) 532-5005
EMail: JACKIMIR@YAHOO.COM
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2012-03-09

Site Id: 461170
Affiliation Type: Facility Operator
Company Name: A SHAMOSH
Contact Type: Not reported
Contact Name: JACK IMIR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 240-2622
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2012-03-09

Site Id: 461170
Affiliation Type: Emergency Contact
Company Name: A, SHAMOSH REALTY LLC
Contact Type: Not reported
Contact Name: JACK IMIR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

A SHAMOSH (Continued) **U004189562**

Country Code: 999
Phone: (718) 240-2622
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2012-03-09

Tank Info:

Tank Number: 003
Tank ID: 242888
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 01/05/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 004
Tank ID: 242889
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 01/05/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

A SHAMOSH (Continued) **U004189562**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 005
Tank ID: 242890
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 01/05/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Number: 006

A SHAMOSH (Continued) **U004189562**

Tank ID: 242891
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 01/05/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 007
Tank ID: 242892
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: 01/05/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

A SHAMOSH (Continued) **U004189562**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

AST:

Name:	A SHAMOSH
Address:	620-628 DEGRAW STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-611758
Program Type:	PBS
UTM X:	586044.12028
UTM Y:	4503565.49449
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	461170
Affiliation Type:	Facility Owner
Company Name:	A. SHAMOSH REALTY LLC
Contact Type:	GENERAL MGR
Contact Name:	JACK IMIR
Address1:	620-628 DEGRAW STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(212) 532-5005
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2012-03-09

Site Id:	461170
Affiliation Type:	Mail Contact
Company Name:	A. SHAMOSH REALTY LLC
Contact Type:	Not reported
Contact Name:	JACK IMIR
Address1:	1527 OCEAN PARKWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(212) 532-5005
EMail:	JACKIMIR@YAHOO.COM
Fax Number:	Not reported
Modified By:	CGFREEDM

A SHAMOSH (Continued) **U004189562**

Date Last Modified: 2012-03-09

Site Id: 461170
Affiliation Type: Facility Operator
Company Name: A SHAMOSH
Contact Type: Not reported
Contact Name: JACK IMIR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 240-2622
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2012-03-09

Site Id: 461170
Affiliation Type: Emergency Contact
Company Name: A, SHAMOSH REALTY LLC
Contact Type: Not reported
Contact Name: JACK IMIR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 240-2622
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2012-03-09

Tank Info:

Tank Number: 001
Tank Id: 242886
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None
J03 - Dispenser - Gravity

A SHAMOSH (Continued) **U004189562**

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/05/2012
Register: True
Modified By: BVCAMPBE
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 242887
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
J03 - Dispenser - Gravity
L00 - Piping Leak Detection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/05/2012
Register: True
Modified By: BVCAMPBE
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

E38 **585 UNION STREET** **NY BROWNFIELDS** **S127750710**
WNW **577-599 UNION STREET (AKA 586 SACKETT STREET)** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.051 mi.
271 ft. **Site 3 of 3 in cluster E**

Relative: **Lower**
Actual: **15 ft.**

BROWNFIELDS:

Name:	585 UNION STREET
Address:	577-599 UNION STREET (AKA 586 SACKETT STREET)
City,State,Zip:	BROOKLYN, NY 11217
Program:	BCP
Site Code:	619763
Acres:	0.770
HW Code:	C224329
SWIS:	2401
Town:	New York City
Record Added Date:	06/03/2021
Record Updated Date:	08/10/2021
Update By:	HMDUDEK
Site Description:	"Location: The site is situated in an urban area surrounded by commercial and residential properties. The site was initially comprised of two (2) parcels (Block 433 and Lots 28 and 46), however, it should be noted that Lot 28 and Lot 46 have been merged as of March 29, 2021 and the site is now identified only as Lot 28. The subject property has a total footprint of approximately 33,550 square feet (SF). Site Features: The main site features are two (2) single-story warehouse buildings. Current Zoning and Land Use: The site is currently zoned for manufacturing (M1-2) and is located within the Gowanus Canal Corridor as well as the Red Hook-Gowanus Brownfield Opportunity Areas. The surrounding parcels are used for a combination of residential, commercial and light industrial/manufacturing purposes. Past Use of the Site: Historic Sanborn Fire Insurance maps indicate that as early as 1889, lot 28 was used as a timber yard and lot 46 contained a single building used as a paint shop. The 1938 map depicts water distilling on lot 46, and lot 28 was improved with the current warehouse structure which was utilized by the NY Fire Department as an automobile repair garage and by the Telegraph Department for storage. By 1950, lot 28 was used by the NY Fire Department Telegraph Bureau, and by 1982, the South Brooklyn Casket Company occupied the entire site. Site Geology and Hydrogeology: The ground surface within the site is generally flat and the elevation of the property is approximately +15 (NAVD-88) feet. During previous investigation activities, groundwater was encountered at depths ranging from 11 to 15 feet below ground surface (bgs). Based on United States Geological Survey (USGS) mapping, groundwater is inferred to flow to the west toward the Gowanus Canal, which is located approximately 800 feet west of the Site. The site is not located in the 100-year or 500-year flood zone, however, Federal Emergency Management Agency (FEMA) flood maps show that the site is located adjacent to the 500-year flood zone associated with the Gowanus Canal to the west. Based on observations made during soil boring activities, subsurface soil at the site consisted of urban fill, which was primarily comprised of slag, brick, and gravel in a brown medium-grained sand matrix. Urban fill was encountered at a depth interval from grade to 15 feet bgs throughout the majority of the site. Neither native material, nor bedrock was encountered during this investigation."
Env Problem:	"Information submitted with the BCP application regarding the environmental condition at the site are currently under review and

585 UNION STREET (Continued) **S127750710**

	will be revised as additional information becomes available."
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	4
Sub Type:	NNN
Owner Name:	Harry Potone
Owner Company:	Milso Industries Corporation
Owner Address:	534 Union Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Philip Caporaso
Owner Company:	Gowanus Union Street LLC
Owner Address:	19 West 24th Street, 12th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10010
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Philip Caporaso
Owner Company:	Gowanus Union Street LLC
Owner Address:	19 West 24th Street, 12th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10010
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library-Pacific Branch
Owner Address:	25 Fourth Avenue at Pacific Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported

585 UNION STREET (Continued) **S127750710**

Updated By: Not reported

C39 **CON EDISON SERVICE BOX: 43332** **RCRA NonGen / NLR** **1016961963**
SE **604 UNION ST** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11231**
0.053 mi.
278 ft. **Site 2 of 11 in cluster C**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20130921
Handler Name: CON EDISON SERVICE BOX: 43332
Handler Address: 604 UNION ST
Handler City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYP004349064
Contact Name: ROSA PERALTA
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4586
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: ADMINISTRATIVE CLERK L1-2
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported

CON EDISON SERVICE BOX: 43332 (Continued) **1016961963**

2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130821
Handler Name: CON EDISON SERVICE BOX: 43332
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130921
Handler Name: CON EDISON SERVICE BOX: 43332
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

CON EDISON SERVICE BOX: 43332 (Continued) **1016961963**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 604 UNION ST
City,State,Zip: BROOKLYN, NY 11231
Country: USA
EPA ID: NYP004349064
Facility Status: Not reported
Location Address 1: 604 UNION ST
Code: BP
Location Address 2: SB 43332
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004349064
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2013
Trans1 Recv Date: 08/21/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2013

CON EDISON SERVICE BOX: 43332 (Continued) **1016961963**

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004349064
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002084362GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

G40 **CON EDISON MANHOLE: 38935** **FINDS** **1016454064**
NNE **3RD AVE & DEGRAW ST MH 38935** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11217** **RCRA NonGen / NLR**
0.053 mi. **NY MANIFEST**
281 ft. **Site 1 of 5 in cluster G**

Relative: **Higher**

Actual: **19 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20130505
Handler Name: CON EDISON MANHOLE: 38935
Handler Address: 3RD AVE & DEGRAW ST MH 38935
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004299277
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST

CON EDISON MANHOLE: 38935 (Continued) **1016454064**

EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: VING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported

CON EDISON MANHOLE: 38935 (Continued) **1016454064**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20131227
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130405
Handler Name: CON EDISON MANHOLE: 38935
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130505
Handler Name: CON EDISON MANHOLE: 38935
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056495083

CON EDISON MANHOLE: 38935 (Continued) **1016454064**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016454064
Registry ID: 110056495083
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056495083
Name: CON EDISON MANHOLE: 38935
Address: 3RD AVE & DEGRAW ST MH 38935
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: CON EDISON
Address: 3RD AVE & DEGRAW ST MH 38935
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004299277
Facility Status: Not reported
Location Address 1: DEGRAW & 3RD AVE SE COR
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004299277
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/05/2013
Trans1 Recv Date: 04/05/2013
Trans2 Recv Date: Not reported

CON EDISON MANHOLE: 38935 (Continued) **1016454064**

TSD Site Recv Date:	04/10/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004299277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002016657GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C41 **CONSOLIDATED EDISON** **NY MANIFEST** **1009238380**
ESE **V5491-633 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11201**
0.054 mi.
287 ft. **Site 3 of 11 in cluster C**

Relative: **Higher**
Actual: **24 ft.**

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	V5491-633 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11201
Country:	USA
EPA ID:	NYP004047791
Facility Status:	Not reported
Location Address 1:	V5491-633 SACKETT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN

CONSOLIDATED EDISON (Continued) **1009238380**

Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004047791
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

D42 **PRESIDENT STREET &** **NY Spills** **S104787053**
SW **THIRD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.056 mi.
297 ft. **Site 6 of 11 in cluster D**

Relative:
Higher

Actual:
20 ft.

SPILLS:
Name: PRESIDENT STREET &
Address: THIRD AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0004300 / 2001-10-17
Facility ID: 0004300
Facility Type: ER
DER Facility ID: 231379
Site ID: 285343
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2000-07-10
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2000-07-10
CID: 322
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-07-10
Spill Record Last Update: 2001-10-17
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller Company: 999
Contact Name: TONY LOPEZ

PRESIDENT STREET & (Continued) **S104787053**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis Notes: 7/10/00 1qt unknown oil on floor of manhole. 3 inactive drain exists in manhole. Sample returned <1ppm PCB. Adjacent sewer checked and found 4 pipe in the direction of manhole. There is product dripping onto floor. No free flowing water involved. 2gal product removed from structure. 7/11/00 Crews report completed washing out sewer lines to adjacent sewer 20' west of structure. Structure was double washed, drain is sealed. Only an ounce if oil (if any) came through drain. All liquids were contain and captured at base of drain pipe in sewer. Inside sewer was and brick floor. No free flowing water in sewer. Double washed structure with slix. No liquid waste. Solids removed by vactor. No leaking equipment."

Remarks: "in manhole #2583 - 1qu unk oil in manhole - samples taken and clean up pending results - cin ed #132296 - UPDATE 7/11@0225HRS MAY HAVE ENTERED A SEWER"

All Materials:

Site ID:	285343
Operable Unit ID:	825527
Operable Unit:	01
Material ID:	549041
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B43 **SEMPLE RIEGER CO** **RCRA NonGen / NLR** **1000347934**
East **635 SACKETT ST** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11217** **FINDS**
0.058 mi. **NY MANIFEST**
308 ft. **Site 7 of 9 in cluster B**

Relative: Higher

Actual: 24 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	SEMPLE RIEGER CO
Handler Address:	635 SACKETT ST
Handler City,State,Zip:	BROOKLYN, NY 11217-3196
EPA ID:	NYD986891885
Contact Name:	Not reported
Contact Address:	SACKETT ST
Contact City,State,Zip:	BROOKLYN, NY 11217
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

SEMPLE RIEGER CO (Continued) **1000347934**

State District Owner: NY
State District: NYSDEC R2
Mailing Address: SACKETT ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: SEMPLE RIEGER CO
Owner Type: Private
Operator Name: SEMPLE RIEGER CO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No

SEMPLE RIEGER CO (Continued) **1000347934**

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SEMPLE RIEGER CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEMPLE RIEGER CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEMPLE RIEGER CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: SEMPLE RIEGER CO
Federal Waste Generator Description: Not a generator, verified

SEMPLE RIEGER CO (Continued) **1000347934**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SEMPLE RIEGER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SEMPLE RIEGER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900216
Handler Name: SEMPLE RIEGER CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

SEMPLE RIEGER CO (Continued) **1000347934**

Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19980920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004443273

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource

SEMPLE RIEGER CO (Continued) **1000347934**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ECHO:

Envid:	1000347934
Registry ID:	110004443273
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004443273
Name:	SEMPLE RIEGER CO
Address:	635 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11217

NY MANIFEST:

Name:	SEMPLE RIEGER CO
Address:	635 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11217-3196
Country:	USA
EPA ID:	NYD986891885
Facility Status:	Not reported
Location Address 1:	635 SACKETT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986891885
Mailing Name:	SEMPLE RIEGER CO
Mailing Contact:	SEMPLE RIEGER CO
Mailing Address 1:	635 SACKETT STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11217
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188553161

B44 **SERVICE BOX** **NY Spills** **S117654277**
East **635 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.058 mi.
308 ft. **Site 8 of 9 in cluster B**

Relative:
Higher

Actual:
24 ft.

SPILLS:

Name:	SERVICE BOX
Address:	635 SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1411530 / 2015-04-24

SERVICE BOX (Continued) **S117654277**

Facility ID: 1411530
Facility Type: ER
DER Facility ID: 460149
Site ID: 505312
DEC Region: 2
Spill Cause: Unknown
Spill Class: D4
SWIS: 2401
Spill Date: 2015-03-10
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 2015-03-10
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2015-03-10
Spill Record Last Update: 2015-04-24
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: Not reported
Spiller Company: 999
Contact Name: EH & S
DEC Memo: "4/24/15 - Austin - 18 gals heating oil atop 100 gals water in service box - Con Ed contained and cleaned up the spill; no source found - See document files for further information - Spill closed - end"
Remarks: "18 gallons spilled on top of 100 gallons of water. contained inside manhole. cleanup is pending"

All Materials:
Site ID: 505312
Operable Unit ID: 1254629
Operable Unit: 01
Material ID: 2257158
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 18.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

C45 **SB SERVICE BOX # 44227** **NY Spills** **S106736916**
ESE **654 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.063 mi.
332 ft. **Site 4 of 11 in cluster C**

Relative: **Higher**

Actual: **24 ft.**

SPILLS:

Name:	SB SERVICE BOX # 44227
Address:	654 SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0411328 / 2005-07-21
Facility ID:	0411328
Facility Type:	ER
DER Facility ID:	271832
Site ID:	336506
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-01-18
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2005-01-19
CID:	444
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-01-19
Spill Record Last Update:	2005-07-21
Spiller Name:	ERT DESK
Spiller Company:	SB SERVICE BOX # 44227
Spiller Address:	654 SACKETT STREET
Spiller Company:	001
Contact Name:	ERT DESK
DEC Memo:	"e2mis no 156896 1/18/05 - 1225 D. BRINDISI - 85877 - I&A, WHILE DOING SVC WORK (ACCT: 20092), FOUND APPROX 1 GAL OF AN UNK MIXED WITH APPROX 1 GAL OF WATER IN SB44227. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. NO SEWER CONNECTIONS. NO SUMPS OR DRAINS. NO MOVEMENT IN THE WATER. NO PARKING 1100 - 1400 TUES & FRI. MR. BRINDISI STATED THAT THIS OIL SMELLED LIKE DIESEL FUEL. I ASKED HIM TO TAKE A PCB SAMPLE, AN OIL ID. AND A FLASHPOINT SAMPLE. CHAIN OF CUSTODY FORM # AA16143 FILLED OUT AND MARKED 'E' PRIORITY. CLEANUP PENDING LAB RESULTS. NOTE: MR. BRINDISI WAS ASKED TO BARRICADE THE STRUCTURE FOR ACCESS. Lab Sequence Number: 05-00489-001 - analysis indicates the presence of a light fuel oil. Lab Sequence Number: 05-00488-001 - TOTAL PCB 73 ppm Lab Sequence Number: 05-00488-002 - Flash Point, PMCC > 140 deg F UPDATE 1/18/05 AS PER A.WALKER THE SERVICE BOX COVER WAS OPENED FOR A VISUAL, AND THERE WAS STEAM ON THE WATER. A MEET WITH #9 SHOULD BE SET UP FOR THE CLEANUP. UPDATE: 1/19/05 - 1055 DUE TO THE UNAVAILABILITY OF A CLEAN HARBORS TRUCK TO DO THIS CLEANUP, AND BECAUSE OF THE 21 IN THE HOLE, WE WILL BE UNABLE TO MEET THE 24 HR CLOCK. THIS INCIDENT, THERFORE, IS NOW OFF THE 24

SB SERVICE BOX # 44227 (Continued) **S106736916**

HR CLOCK. 1/19/05 = 13:30 Hrs = Env. Ops. Supv. C. Fernandez reports that an Astoria tanker removed all liquids from the structure. The service box was then vactored out using a Clean Harbors vactor and double washed with BioGen 760. An Env crew (E.Trinidad & L.Mercado) assisted in the cleanup. Clean Harbors used Massachusetts manifest MAQ 246980. Tag # 26015 was removed and job is complete."

Remarks: "ON 1 GALLON OF WATER: SMELLS LIKE DIESEL, LAB RESULTS 73PPM, CLEAN UP PENDING VENDOR, COMINMG OFF 24 HOUR CLOCK, NO TO 5 QU CONED # 156896"

All Materials:

Site ID:	336506
Operable Unit ID:	1098531
Operable Unit:	01
Material ID:	578700
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D46 **CON EDISON** **RCRA NonGen / NLR** **1019904241**
WSW **501 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.063 mi.
333 ft. **Site 7 of 11 in cluster D**

Relative: **Lower**

Actual: **16 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20150617
Handler Name:	CON EDISON
Handler Address:	501 PRESIDENT ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004795480
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported

CON EDISON (Continued) **1019904241**

Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1019904241**

Historic Generators:
Receive Date: 20150617
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150617
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D47 **CON EDISON** **NJ MANIFEST S120672898**
WSW **501 PRESIDENT ST** **NJ MANIFEST N/A**
< 1/8 **BROOKLYN, NY 11215**
0.063 mi.
333 ft. **Site 8 of 11 in cluster D**

Relative: **Lower**
Actual: **16 ft.**

NJ MANIFEST:
EPA Id: NYP004795480
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported

CON EDISON (Continued) **S120672898**

Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002614311GBF
EPA ID: NYP004795480
Date Shipped: 6/17/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

D48 **CON EDISON** **NY MANIFEST** **S118256981**
WSW **501 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.063 mi.
333 ft. **Site 9 of 11 in cluster D**

Relative:
Lower

Actual:
16 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	501 PRESIDENT ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004795480
Facility Status:	Not reported
Location Address 1:	501 PRESIDENT ST
Code:	BP
Location Address 2:	SB 31651
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004795480
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	06/17/2015
Trans1 Recv Date:	06/17/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/19/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004795480
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002614311GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118256981**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

B49 **AJR (COMMERCIAL BLDG.)** **NY LTANKS** **S106869125**
NE **599 DEGRAW ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.063 mi.
335 ft. **Site 9 of 9 in cluster B**

Relative: **Higher**
Actual: **22 ft.**

LTANKS:
Name: AJR (COMMERCIAL BLDG.)
Address: 599 DEGRAW ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0500453 / 2005-04-28
Facility ID: 0500453
Site ID: 343388
Spill Date: 2005-04-11
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2005-04-11
CID: 406
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-04-11
Spill Record Last Update: 2005-04-28

AJR (COMMERCIAL BLDG.) (Continued) **S106869125**

Spiller Name: JAMES FLEMING
Spiller Company: AJR WOODWORKING
Spiller Address: 599 DEGRAW ST
Spiller County: 001
Spiller Contact: RICHIE
Spiller Phone: (718) 624-2929
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 289859
DEC Memo: "need to send TTF letter no PBS for this address. 4/28/05. J.Krimgold reviewed a letter report submitted by Mercury Tank & Pump dated April 25, 2005. According to the report a 550 gal #2 oil tank failed the test due to disconnected pipe fittings on the top of the tank. The tank was empty at the time of test. Tank top was excavated,tank was cleaned up and filled with concrete slurry. Before this a hole was drilled through the bottom of the tank to obtain a soil sample. All analytes were found below TAGMs objectives. NFA letter. "
Remarks: "Doing a tank test on an old heating tank that no one knew was there. No contamination found or evidence of a leak. Ullage failure... unsure of any removal of tank."

All TTF:
Facility ID: 0500453
Spill Number: 0500453
Spill Tank Test: 1548775
Site ID: 343388
Tank Number: Not reported
Tank Size: 0
Material: 0066A
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 343388
Operable Unit ID: 1102073
Operable Unit: 01
Material ID: 582304
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

C50 **PRIVATE DWELLING** **NY Spills** **S112226289**
SE **651 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.064 mi.
337 ft. **Site 5 of 11 in cluster C**

Relative: **Higher**
Actual: **24 ft.**

SPILLS:

Name:	PRIVATE DWELLING
Address:	651 UNION ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1205449 / 2013-03-26
Facility ID:	1205449
Facility Type:	ER
DER Facility ID:	422691
Site ID:	468401
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2012-08-29
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2012-08-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-08-29
Spill Record Last Update:	2013-04-01
Spiller Name:	Not reported
Spiller Company:	PROPERTY OWNER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ALEC SCHTROMANDEL
DEC Memo:	"10/09/12-Hydroteck sent the site assessment report dated June 29/2012. Reviewed the report a total of four soil probes were installed during the investigation. SP-6 were installed on northeast portion of the property, SP-7 were install on the southeast portion of the property, SP-8 were installed on the central portion of the property, SP-9 were installed on the west central portion of the property. The soil analitycal results indicated that no VOCs were detected at a concetration exeeding the CP-51 Table 3 Soil Cleanup Levels. The following SVOCs were detected at concentrations exceeding the CP-51 Table 3 Soil Cleanup Levels: Benzo(a) anthracene,was detected in samples SP-6 at(4-6')(53000 ug/kg), (8-10')(6650 ug/kg), SP-7 (0-2')(74600 ug/kg), (10-12') (3710 ug/kg) and Sp-9 (12-14') (8620 ug/kg), Benzo (a) pyrene in samples SP-6(4-6') (43400ug/kg), (8-10') (6020ug/kg), Sp-7 (0-2') (622000)ug/kg, (10-12') (3620ug/kg) and SP-9 (12-14') (8110 ug/kg). Benzo(b)Fluoranthene in samples SP-6 (4-6') (34600 ug/kg), (8-10')(4610 ug/kg), Sp-8 (0-2')(43600 ug/kg), (10-12')(3030 ug/kg)and SP-9 (12-14') (7440 ug/kg). Benzo(b) Fluoranthene in samples SP-6 4-6')(40100 ug/kg), (8-10')(6230 ug/kg), SP-7 (0-2')(55000 ug/kg) (10-12')(2750 ug/kg) and Sp-9 (12-14')(6920

PRIVATE DWELLING (Continued) **S112226289**

ug/kg). Chrysene in samples Sp-6 (4-6')(48500 ug/kg)(8-10')(6230 ug/kg),SP-7 (0-2')(69300 ug/kg)(10-12')(3200 ug/kg)and Sp-9(12-14')(9380 ug/kg). Dibenzo(a)anthracene in samples Sp-6 (4-6')(5070ug/kg), (8-10')(241 ug/kg), Sp-7 (0-2')(10000ug/kg)(10-12')(552 ug/kg)) and SP-9 (12-14')(1110 ug/kg). Fluotranthene in samples Sp-6 (4-6')(115000 ug/kg), (8-10')(1860 ug/kg)and Sp-7 (0-2')(179000 ug/kg) (10-12')(6090 ug/kg) Indeno(1,2,3,c-d)Sp-6 (4-6') (18500 ug/kg), Sp-7 (0-2')(29300 ug/kg)) (10-12') (1120 ug/kg) and Sp-9 (12-14')(2540 ug/kg). Four(4) Monitoring Wells were installed. The groundwater flow beneath the site is toward West. Groundwater depth is at 11 feet. The groundwater analytical results indicated VOC 1,2,4 Trimethylbenzene 9.4 ug/L, 1,3,5 Trimethylbenzene 9.1 ug/l, Benzene 4.1 ug/L, Ethylbenzene 5 ug/L, Isopropylbenzene 7.8 ug/L n-propylbenzene 13 ug/L, Naphthalene 12 ug/L exceeding the Groundwater standard in MW-2. The following SVOCs 2,4,5 trichlorophenol, 2,4,6 Trichlorophenol, 2 Chlorophenol, 2- Nitrophenol, 4-Chloro-3-Methylphenol, 4 Nitrophenol, Benzo (a) Anthracene, Benzo(a) Pyrene, Benzo(b)Fluoranthene, Benzo (K)Fluoranthene, Bis (2-Choroethyl) ether, Chrysene, Hexachlorobenzene, and Phenol are present in MW-1, MW-2, MW-3 and MW-4 at concentrations exceeding the Groundwater Quality Standard. Bis(2-ethylhexyl)phathalate was detec at a concentration of 421 ug/L exceeding the Groundwater Quality Standard in water sample from MW-2. Methylphenol was detect at a concentration of 1.18 ug/L exceeding the Groundwater Quality Standard in the water sample from MW-4. 03/29/13- Received the Limited Phase II dated February 7, 2013 and submitted by Hydro Tech Environmental. The limited Phase II performed the collection of duplicate samples (Sp-1 to Sp-9) to verified the concetrations of SVOCs. The 4 soil probe were reinstalled and sampling. "

Remarks: "GW CONTAMINATION, VLC."

All Materials:

Site ID:	468401
Operable Unit ID:	1218324
Operable Unit:	01
Material ID:	2216699
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

H51 **540 PRESIDENT STREET** **NY LTANKS** **S102672075**
South **540 PRESIDENT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.066 mi.
346 ft. **Site 1 of 9 in cluster H**

Relative: LTANKS:
Higher

Name:	540 PRESIDENT STREET
Address:	540 PRESIDENT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9211878 / 1993-01-18

Actual:
22 ft.

540 PRESIDENT STREET (Continued) **S102672075**

Facility ID: 9211878
Site ID: 262667
Spill Date: 1993-01-18
Spill Cause: Tank Overfill
Spill Source: Commercial Vehicle
Spill Class: C4
Cleanup Ceased: 1993-01-18
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1993-01-18
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-01-28
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: HOLMES FUEL CO.
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 214455
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "HOLMES OVERFILLED TANK NYC DOS ON SCENE NOTIFIED CON ED SAND PLACE IN SPILL HOLMES TO COME AND PICK UP CALLED FD HAZ MAT FIREMAN HANK REPORTED THAT SPILLED FROM VENT PIPE CONTAINED ON SIDEWALK CLEANUP"

All Materials:
Site ID: 262667
Operable Unit ID: 976318
Operable Unit: 01
Material ID: 405261
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: Not reported

D52 **L.L.L. AUTO REPAIR INC.** **NY AST** **A100320260**
SSW **528 PRESIDENT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.067 mi.
352 ft. **Site 10 of 11 in cluster D**

Relative:
Higher

Actual:
20 ft.

AST:

Name:	L.L.L. AUTO REPAIR INC.
Address:	528 PRESIDENT STREET
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610816
Program Type:	PBS
UTM X:	585732.00309
UTM Y:	4503454.02078
Expiration Date:	04/16/2013
Site Type:	Other

Affiliation Records:

Site Id:	396425
Affiliation Type:	Facility Owner
Company Name:	L.L.L. AUTO REPAIR INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	528 PRESIDENT ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2008-04-16

Site Id:	396425
Affiliation Type:	Mail Contact
Company Name:	L.L.L. AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	CHI LUEN LEE
Address1:	528 PRESIDENT STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2008-04-16

Site Id:	396425
Affiliation Type:	Facility Operator
Company Name:	L.L.L. AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	CHI LUEN LEE

L.L.L. AUTO REPAIR INC. (Continued) **A100320260**

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 488-9244
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-04-16

Site Id: 396425
Affiliation Type: Emergency Contact
Company Name: L.L.L. AUTO REPAIR INC
Contact Type: Not reported
Contact Name: CHI LUEN LEE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 488-9244
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-04-16

Tank Info:

Tank Number: 001
Tank Id: 222454
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

G10 - Tank Secondary Containment - Impervious Underlayment
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2008
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

D53 **276 3RD AVENUE** **NY AST** **A100353041**
SW **276 THIRD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.071 mi.
373 ft. **Site 11 of 11 in cluster D**

Relative:
Higher

Actual:
19 ft.

AST:

Name:	276 3RD AVENUE
Address:	276 THIRD AVENUE
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-608461
Program Type:	PBS
UTM X:	585692.00583
UTM Y:	4503465.97706
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	30313
Affiliation Type:	Facility Operator
Company Name:	276 3RD AVENUE
Contact Type:	Not reported
Contact Name:	276 REALTY ENTERPRISE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 290-1404
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2006-05-10

Site Id:	30313
Affiliation Type:	Emergency Contact
Company Name:	276 REALTY ENTERPRISE CORP
Contact Type:	Not reported
Contact Name:	MARK ROSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 781-9483
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2006-05-10

Site Id:	30313
Affiliation Type:	Mail Contact
Company Name:	276 REALTY ENTERPRISE CORP
Contact Type:	Not reported
Contact Name:	MARK ROSE

276 3RD AVENUE (Continued) **A100353041**

Address1: 1274 49TH STREET
Address2: SUITE 211
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 781-9483
EMail: MNCO3@MSN.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-09-22

Site Id: 30313
Affiliation Type: Facility Owner
Company Name: 276 REALTY ENTERPRISE CORP
Contact Type: MANAGER
Contact Name: MARK ROSE
Address1: 1274 49TH STREET, SUITE 211
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 781-9483
EMail: MNCO3@MSN.COM
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-05-10

Tank Info:

Tank Number: 001
Tank Id: 65196
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I05 - Overfill - Vent Whistle

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN

276 3RD AVENUE (Continued) **A100353041**

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/2009
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

F54 **AUTO BODY CONCEPTS** **ECHO** **1000555866**
NW **549 SACKETT ST** **FINDS** **N/A**
< 1/8 **BROOKLYN, NY 11217** **RCRA NonGen / NLR**
0.074 mi. **NY MANIFEST**
392 ft. **Site 2 of 4 in cluster F**

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: AUTO BODY CONCEPTS DBA ABC COLLISION
Handler Address: 549 SACKETT ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD986984136
Contact Name: Not reported
Contact Address: SACKETT ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: SACKETT ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: ANTHONY DIMONDA
Owner Type: Private
Operator Name: ANTHONY DIMONDA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

AUTO BODY CONCEPTS (Continued) **1000555866**

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

AUTO BODY CONCEPTS (Continued) **1000555866**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: UNKNOWN
Owner/Operator City,State,Zip: UNKNOWN, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: UNKNOWN
Owner/Operator City,State,Zip: UNKNOWN, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: UNKNOWN
Owner/Operator City,State,Zip: UNKNOWN, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

AUTO BODY CONCEPTS (Continued) **1000555866**

Receive Date: 19990714
Handler Name: AUTO BODY CONCEPTS DBA ABC COLLISION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: AUTO BODY CONCEPTS DBA ABC COLLISION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: AUTO BODY CONCEPTS DBA ABC COLLISION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19911022
Handler Name: AUTO BODY CONCEPTS DBA ABC COLLISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

AUTO BODY CONCEPTS (Continued) **1000555866**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004481490

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ECHO:
Envid: 1000555866
Registry ID: 110004481490
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004481490
Name: AUTO BODY CONCEPTS
Address: 549 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: A B C COLLISION
Address: 549 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYD986984136
Facility Status: Not reported
Location Address 1: 549 SACKETT ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986984136
Mailing Name: A B C COLLISION
Mailing Contact: EDDIE ANDRADES
Mailing Address 1: 549 SACKETT STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA

AUTO BODY CONCEPTS (Continued) **1000555866**

Mailing Phone: 7185223111

C55 **HESS CORPORATION** **EDR Hist Auto** **1020554189**
ESE **204222 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.076 mi.
399 ft. **Site 6 of 11 in cluster C**

Relative: EDR Hist Auto:
Higher

Actual: Year: Name: / Type:
25 ft. 2004: AMERADA HESS CORPORATION / Gasoline Service Stations
2005: AMERADA HESS CORPORATION / Gasoline Service Stations
2006: HESS CORPORATION / Gasoline Service Stations
2007: HESS CORPORATION / Gasoline Service Stations
2008: HESS CORPORATION / Gasoline Service Stations
2009: HESS CORPORATION / Gasoline Service Stations
2014: HESS CORPORATION / Gasoline Service Stations

C56 **204 4TH AVENUE** **NY BROWNFIELDS** **S125298840**
ESE **204 4TH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.080 mi.
420 ft. **Site 7 of 11 in cluster C**

Relative: BROWNFIELDS:
Higher
Actual: Name: 204 4TH AVENUE
26 ft. Address: 204 4TH AVENUE
City,State,Zip: BROOKLYN, NY 11217
Program: BCP
Site Code: 587854
Acres: 0.440
HW Code: C224295
SWIS: 2401
Town: New York City
Record Added Date: 04/29/2019
Record Updated Date: 06/07/2021
Update By: JHOCONNE
Site Description: "Location The site is located in an urban area in the Gowanus neighborhood of Brooklyn. The Site is bounded by Sackett Street to the north, Union Street to the south, 4th Avenue to the east, and commercial properties to the west. Site Features The site was a gasoline filling station and was improved with a 360 square foot at grade storage building, a cashier s kiosk, and a canopy covering the pump islands. The site is no longer being used as a filling station and the kiosk has been removed. Current Zoning and Land Use The site is zoned M1-2 for light manufacturing and is surrounded by similarly zoned properties and residential zoned properties to the east. Past Use of the Site Based on information gathered as part of the February 2019 Phase I ESA, the site was first developed in approximately 1906 and used for residential/commercial purposes from approximately 1906 to 1961. In the early 1960s, the residential/commercial buildings were demolished, and a gasoline station was constructed in 1965. The site has been used as a gasoline station since then. Site Geology and Hydrogeology The stratigraphy of the site, from the surface down,

204 4TH AVENUE (Continued) **S125298840**

consists of primarily historic urban fill, characterized by loosely compacted fine to coarse sand with fragments of brick and concrete, to depths ranging from 12 to 21 feet below grade across the site. Historic urban fill material is underlain by silty light brown sand, underlain by a layer of grey sandy clay material with organic matter (wood, roots) present in the matrix. Groundwater at the site is approximately 14 feet below grade and generally flows towards the north/northwest. "

Env Problem: "Nature and extent of contamination Based upon investigations conducted to date, the primary contaminants of concern for the site include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals. Soil - VOCs including 1,2,4-Trimethylbenzene was found in soil at concentrations of 2 parts per million (ppm) compared to restricted residential soil cleanup objective (RRSCO) of 52 ppm and the protection of groundwater SCO (PGSCO) of 3.9 ppm. Xylenes was found at concentrations of 3,600 ppm (RRSCO is 100 ppm, PGSCO is 1.6 ppm). SVOCs including benzo(a)anthracene was found at concentrations of 120 ppm (RRSCO is 1 ppm). Benzo(b)fluoranthene was found at concentrations of 110 ppm (RRSCO is 1 ppm). Metals including lead was found at concentrations of 3,170 ppm (RRSCO is 400 ppm), arsenic was found at 542 ppm (RRSCO is 16 ppm). Groundwater - VOCs including benzene was found in groundwater at concentrations of 9.6 parts per billion (ppb) compared to Ambient Water Quality Standards (AWQS) of 1 ppb. 1,2,4,5-Tetramethylbenzene was found at concentrations of 61 ppb (AWQS is 5 ppb). SVOCs including acenaphthene was found at concentrations of 64 ppb (AWQS is 20 ppb). Metals including arsenic was found at concentrations of 33.61 ppb (AWQS is 25 ppb). Soil Vapor - VOCs including 2,2,4-Trimethylpentane was found throughout the site but at highest concentration at the north-east portion of the site at concentrations of 509,000 micrograms per cubic meter (ug/m3). "

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2019-07-10 12:10:00
Record Upd: 2019-07-10 12:11:00
Updated By: GWBURKE
Own Op: 6
Sub Type: P02
Owner Name: John M. Helms
Owner Company: Speedway LLC
Owner Address: 500 Speedway Drive
Owner Addr2: Not reported
Owner City,St,Zip: Enon, OH 45323
Owner Country: United States of America
Own Op: 1
Sub Type: P02
Owner Name: Not reported

204 4TH AVENUE (Continued) **S125298840**

Owner Company:	204 4th Avenue LLC
Owner Address:	51 East 12th Street, 7th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Avi Fisher
Owner Company:	204 4th Avenue LLC
Owner Address:	51 East 12th Street, 7th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	2-297666
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-02-11 13:06:00
Record Updated:	2020-02-11 13:06:00
Updated By:	LXZIELIN

C57 **HESS STATION 32530** **NY Spills** **S104276740**
ESE **204-222 4TH AVENUE** **NY LTANKS** **N/A**
< 1/8 **BROOKLYN, NY**
0.080 mi.
420 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	MERRITT GAS STATION
Address:	204-222 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9515732 / 1997-06-11
Facility ID:	9515732
Site ID:	204687
Spill Date:	1996-03-07
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	Not reported

HESS STATION 32530 (Continued) **S104276740**

SWIS: 2401
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1996-03-07
CID: 349
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1996-03-07
Spill Record Last Update: 1997-06-11
Spiller Name: Not reported
Spiller Company: MERRITT GAS STATION
Spiller Address: 204-222 4TH AV
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 310148
DEC Memo: ""
Remarks: "line failed during testing - failure .12 gallons per hour"

All Materials:
Site ID: 204687
Operable Unit ID: 1026774
Operable Unit: 01
Material ID: 355851
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: HESS STATION 32530
Address: 204-222 4TH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0210654 / 2003-11-03
Facility ID: 0210654
Facility Type: ER
DER Facility ID: 310148
Site ID: 74469
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 2401
Spill Date: 2003-01-23
Investigator: SMSANGES
Referred To: Not reported

HESS STATION 32530 (Continued) **S104276740**

Reported to Dept: 2003-01-23
CID: 199
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-01-23
Spill Record Last Update: 2003-11-03
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: TOM VITARELLI
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND REF TO SPILL # 9605719"
Remarks: "it appears a customer may have overfilled tank causing spill no product got into sewers - clean up in progress -- second contractor is in route to assist"

All Materials:
Site ID: 74469
Operable Unit ID: 863994
Operable Unit: 01
Material ID: 555410
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 7.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: FORMER HESS STATION 32530
Address: 204-222 4TH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9605719 / Not Reported
Facility ID: 9605719
Facility Type: ER
DER Facility ID: 479891
Site ID: 74470
DEC Region: 2
Spill Cause: Other
Spill Class: B3
SWIS: 2401
Spill Date: 1996-08-02
Investigator: SXWU
Referred To: REPORT (11/05/2021) REVIEWED
Reported to Dept: 1996-08-02
CID: 252
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility

HESS STATION 32530 (Continued) **S104276740**

Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 4
Date Entered In Computer: 1996-08-02
Spill Record Last Update: 2021-12-08
Spiller Name: RON BAMER
Spiller Company: FORMER HESS STATION
Spiller Address: 204-222 4TH AVE
Spiller Company: 999
Contact Name: RON BAMER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 01/23/2004-Sun-File Review by Sun: Site Status Update Report, Aprip 2003 through August 2003, by Geological Services Corp (GSC), dated 10/16/2003: Six (6) monitorin wells were gauged and sampled on July 17, 2003. A soil vaplr extraction well (SVE-1) was installed on July 30, 2003 and pilot test on SVE-1 was conducted on August 8, 2003. No LPH was detected. The groundwater depth ranged from 11.74 feet to 15.68 feet, and groundwater flow was in northwest direction. MW-2 has the maximum BTEX concentration of 11,400 ug/l and maimum MTBE concentration of 1,800 ug/l. Work performed during this period included repair and patch leak from wall in oil closet located in the subway, installation of three additional wells. A remedial action plan will be submitted by GSC based on the results of the pilot test. Per Hess' letter to DEC dated 10/28/2003, Hess is working with the New York City Transit Authority (NYCTA) to address an apparent hydrocarbon sheen in conjunction with groundwater seepage within a subsurface subway station utility closet. (Sun) 01/22/2004- Site visit by Joe Sun and Mark Tibbe on 1/22/2004. Inspection with Mike Matri of Hess and William Schaefer of GSC showed that some slight infiltration of groundwater continues where the urethane grout waterproofing did not adhere to the concrete. GSC has recommended a second waterproofing event utilizing a hydraulic concrete product. The product is now waiting for NYCTA's approval. (Sun) SEE Also Spill Nos. 0104798/0201876. 05/05/04-File Update by Sun: On 05/05/04 Sun sent a letter to Hess requiring complete delineation of soil and groundwater contamination, submittal of an Investigation Summary report followed by a Remedial Action Plan. The Department set a deadline of May 28, 2004 for signing the Stipulation Agreement. (Sun) 06/06/05 File Update by Sun: On 06/06/05, Sun sent a letter to Hess' Project Manager, Mike Matri, informing him that the Department approves Hess proposed plan to take the opportunity of station renovation commencing in June, 2005 to install below ground environmental remediation infrastructure for future remediation of petroleum impacted soil and groundwater. Specifically, the Department approves the following planned installations at the station: 1.Installation of three additional SVE wells (PMW-8 through PMW-10). 2.Modification of existing 2-inch well FW-7 to include a 1-inch injection line which will be piped to the proposed remediation system location, The piping will potentially be used in the future for injection purposes (e.g., Biosolve, chemical oxidation and/or bioremediation). 3.Monitoring wells SVE-1, MW-2, and the three proposed SVE wells (PMW-8 through PMW-10) will have environmental piping installed from the wells to the proposed system location area.

HESS STATION 32530 (Continued) **S104276740**

The Department requires a formal Remedial Action Plan (RAP) in conjunction with the station redevelopment activities be submitted by Hess during the third quarter of 2005. (Sun) 10/19/2005: Project reassigned from Sun to Andersen 10/19/2005: Reviewed hydrogeologic groundwater report dated 8/29/2005. Report indicated liquid phase hydrocarbons and BTEX concentrations of up to 19,520 ppb. Report indicated that informal proposed remedial action plan discussed in abovementioned 6/6/05 entry is delayed and possibly canceled. The report states Amerada Hess Corporation will either request an extension to submit the currently proposed Remedial Action Plan or to submit a revised Remedial Action Plan . The next triannual sampling event is scheduled for November 2005. Additionally, a Stip was sent out on 5/5/04, which was never signed due to Hess waiting for a Consent Order. 10/25/05: Mailed a failure to sign Stip letter. Stip signature due on 11/15/2005. 1/26/06: 1/25/06 meeting between Quantum, NYSDEC, and GSC/Kleinfelder. The site in under redevelopment. An RAP will be prepared. Delineation will be investigated on the other side of 4th avenue. 3/1/06: Signed stipulation agreement, effective date 2/23/06. Investigation plan due 4/24/06. 4/24/06: Reviewed the site status update report/investigation plan dated 4/21/06. Report indicates that additional delineation on the east side of 4th avenue is not feasible due to utilites. Max BTEX 28,587 ppb (SVE1) and max MTBE 1,710 ppb (MW2). Depth to water 10-15 ft. RAP due 6/22/06. 5/25/06: Pilot testing on 5/25/06 6/29/2006: Meeting with Hess, NYSDEC, Quantum, EnviroTrac and GSC on 6/28/2006. RAP in progress. Endpoint sampling will be submitted for spill bucket replacement excavation. 7/28/06: RAP submission deadline extended to 9/21/06. 8/9/06: Conference call with Hess, Quantum, and GSC/Kleinfelder. The ROI duri testing was only 10 ft. A Hivac pilot test will be performed on 8/10/06 to try to increase the ROI. If it fails an extension will be required to perform additional testing prior to RAP submittal. 8/11/06: Received phone call from Gail Helfrick. A HVAC test was performed which did not result in a significant increase in the RIO. An RAP will be submitted on 9/21/06 as planned, but will require additional sampling to improve the ROI. 8/15/06: See spill 06-02980. The RAP should include remediation for the soil contamination from spill 06-02980. 9/12/06: Received RAP. SVE proposed. Pilot testing was conducted on May 25, 2006 and August 10, 2006. Two existing wells (MW-3 and SVE-1), and six proposed wells (SVE-2 - SVE-7) wil be used as extraction points to be connected to a SVE remediation system. The ROI varies from 10 to 50 feet throughout the site. Soil samples will be collected during installation of the new SVE wells, as well as from a soil boring proposed adjacent to MW-6. During system startup operation and maintenance visits will be conducted daily for three days, followed by weekly for the first monthy, followed by monthly. Based on start-up testing, a determination will be made as to whether emission treatment is necessary. Contamination from spill 06-02980 addressed, spill 06-02980 closed and consolidated with 9605719. Numerous sensitive receptors: subway, utilities, basements, schools, Gowanus Canal. AS not proposed due to the proximity of the subway, which runs parrallel and adjacent to the site. RAP conditionally approved, with additional groundwater treatment required. 9/21/06: Received phone call from Gail Helfrick (Quantum) and Al Tonn (GSC-K) requesting that the RAP be approved without additional gw treatment. Confirmed that additional gw treatment is required for MW-2, SVE-1, and FW-8. 10/3/06: Received email from gail helfrick: This email is

HESS STATION 32530 (Continued) **S104276740**

to confirm our conversation on Tuesday, September 26, 2006 regarding the Remedial Action Plan (RAP) for Hess Station # 32530 in Brooklyn, New York. In the RAP, Hess proposed the installation and operation of a Soil Vapor Extraction system at the site. The NYSDEC approved the proposal for SVE, and also requested groundwater remediation. Based on our conversations, it was agreed that Hess would install underground piping for groundwater treatment during the installation of the SVE system. It was further agreed that Hess would operate the SVE system for 1 full year, and during that year, Hess would 1) evaluate the performance of the SVE system on a monthly basis, 2) continue to monitor roundwater quality (March, July and November), and 3) submit progress reports to the NYSDEC (May, September and January). If after that 1 year period, the data demonstrates that groundwater remediation is necessary, alternative remedial technologies will evaluated and discussed with the NYSDEC. 10/4/06: Received update report dated 9/27/06. Groundwater samples collected on 7/27/06. BTEX 38,200 ppb (SVE1), mtbe 208 ppb (SVE1). SVE implementation required. 12/11/06: Sent email to Hess to followup on implementation schedule. 12/18/06: Received email from Hess: We still hope to be able to obtain the MTA permits needed to complete the subsurface intrusive work by January 10, 2007. Once these permits are obtained, we will provide the NYSDEC a schedule for system installation. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. SVE implementation in progress. 3/26/07: Reviewed update report. Wells sampled on 12/26/06. Max BTEX 30,720 ppb (SVE1). Max MTBE 1,000 ppb (MW2). SVE implementation in progress. 5/31/07: Reviewed site status report. Wells sampled on 3/16/07. Max BTEX 25,280 ppb (SVE1). Max MTBE 410 ppb (MW2). SVE installation in progress. 9/20/07: Reviewed site status report. Wells sampled in July 2007. LNAPL in MW 2 (0.03 ft).Max BTEX 30,370 ppb (SVE1). SVE startup planned for November 2007. Sent letter requiring RAP addendum for groundwater treatment (pipes for water removal are planned on being installed as a back-up plan). And increased sampling frequency to quarterly sampling. 5/14/08 - Carlson: Meeting on May 7th 2008 - Hess/Envirotrac will submit a RAP addendum. Reviewed First Quarterly 2008 Update Report. Wells sampled on 2/5/08. Max BTEX concentration 24,220 ppb (SVE1), max MTBE concentration 71 ppb (SVE1). MW-2 was dry. 8/7/08 - Carlson: Reviewed July 2008 Update Report. Wells sampled on 5/22/08. Maximum BTEX concentration 43,693 ppb (SVE1). Maximum MTBE concentration 554 ppb (MW2). RAP Addendum will be submitted under a separate cover. Emailed Hess/Envirotrac requiring submission of RAP Addendum by 9/8/08. Received email from Ed Russo stating that 9/8/08 deadline can probably be met. 9/8/08 - Carlson: The Department approved an extension until 10/1/08 to submit an RAP Addendum. 10/22/08 - Carlson: Meeting with Hess/Envirotrac. RAP Addendum will be submitted by 12/15/08. 11/20/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/14/08. Maximum BTEX concentration 41,837 ppb (SVE1). RAP Addendum not received. Sent failure to comply letter. Start legal proceedings if RAP Addendum not submitted by 12/5/08. 12/23/08 - Carlson: Received Remedial Action Plan Addendum. Two SVE system, two wells strippers, and monthly dual phase extraction events proposed. Revised RAP Addendum required with following modifications: 1) removal of two wells from SVE system, 2) relocation of two of the proposed monitoring wells, 3) startup report must be submitted, 4) inclusion of more detailed information about the well strippers. 2/19/09 - Carlson: Received email from Ed Russo in response to 12/23/08 letter. Monthly O&M visits requiring monthly

HESS STATION 32530 (Continued) **S104276740**

WS water effluent testing, monthly SVE air discharge testing by PID, and quarterly SVE air discharge testing by laboratory. Revised letter addendum required. 3/11/09 - Carlson: Reviewed update report dated January 2009. Wells gauged and sampled on 11/5/08. LNAPL at depth of 0.02 ft in MW2. Maximum BTEX concentration 12,672 ppb (SVE1). 3/18/09 - Carlson: Meeting with Hess/Envirotrac. Revised addendum due in April 2009. 5/7/09 - Carlson: Reviewed April 2009 Update Report. Revised addendum letter overdue. Emailed John Schenkewitz about overdue letter/report. 5/11/09 - Carlson: Received revised RAP Addendum letter. Issued approval letter. 5/28/09 - Carlson: Well installation scheduled for 6/22/09. 8/7/09 - Carlson: Reviewed update report. Monthly EFR IRM ongoing. What is status of RAP implementation? 8/19/09 - Carlson: Meeting with Hess. RAP addendum will be submitted to include air sparge on the eastern portion on the site. 10/21/09 - Carlson: Reviewed RAP addendum. Issued approval letter. SVE/AS will be installed, except in sidewalk (because of subway). SVE in sidewalk with HVAC events to treat impacted groundwater. 11/17/09 - Carlson: Reviewed update report. Monthly HVAC events from sidewalk wells ongoing. SVE/AS system installation in progress. 1/27/2010 - Carlson: Meeting with Hess. 2/5/2010 - Carlson: Reviewed update report. EFR conducted in September and October. SVE/AS installation not begun yet. 5/20/2010 - Carlson: Meeting with Hess. They are working with MTA because the property is adjacent to the subway. 5/27/2010 - Carlson: Reviewed April 2010 Update Report. Six AS wells and one MW installed. HVAC was not conducted this quarter. 7/22/2010 - Carlson: Reviewed wastewater UST closure report. Tank abandoned in place with concrete slurry. Endpoint samples collected from the east wall (clean) and north wall (trace VOCs/sVOCs detected). West wall/south wall were not accessible for sample collection. 8/13/2010 - Carlson: Reviewed July 2010 Update Report. EFR events ongoing. System construction pending NYCTA permits. 5/9/11 - Obligado - This spill transferred to Obligado as per Brevdo. I reviewed the 4Q10 update report. Free product (0.03 ft) was found in MW2. MAx BTEX 17674 ug/L in SVE1. They are still waiting for MTA permits. 8/30/11 - Obligado - I reviewed the 2Q11 update report. They are still waiting on NYCTA permits. Max BTEX is 9800 ug/L. No product detected this quarter. 11/14/11 - Carlson: Reviewed October 2011 update report. System construction pending NYCTA permits. Monthly EFR ongoing. 3/13/2012 - The site has SVE/AS system operation pending on the NYCTA's permission. Spoke to the consultant who works for the property owner next door in the Union Street. Groundwater contamination was identified during their Phase 2 investigation. Advised to call in for a spill number and prove to DEC it is from Hess site as they believe. 8/23/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled on 2/13/2012. DTW 9.98 to 15.70 feet. Flows to north. No LNAPL. The remediation system construction is pending permit approval by NYCTA. CW-9, 560.1 BTEX, 182 MTBE. MW-7, 7.52J BTEX, 22.8 MTBE. MW-2, 5,529 BTEX, 162 MTBE. FW-7, 24.5 BTEX, MTBE ND. SVE-1, 6,369 BTEX, 6.7J MTBE. FW-8, 270.2 BTEX, 1.3J MTBE. FW-9, 570.6 BTEX, 2.5 MTBE. 10/12/2012 - 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on May 14, 2012. DTW 10.87 to 16.05. Flows to north. CW-9, 43 BTEX, 106 MTBE. MW-7, 0.44J BTEX, 19.7 MTBE. MW-2, 1,626.9 BTEX, 100 MTBE. FW-7, 67.4 BTEX, 0.24J MTBE. FW-9, 961.6 BTEX, 1.6J MTBE. FW-8, 224.9 BTEX, 1.8 MTBE. SVE-1, 3,746.3 BTEX, 8.0J MTBE. EFR on on MW-2 and SVE-1 on 3/14, 4/9, and 5/2/2012. 1/24/2013 - 3Q2012, 11/5/2012, by EnviroTrac. The groundwater was sampled on 8/31/2012. DTW 10.49 to

HESS STATION 32530 (Continued) **S104276740**

14.72 feet. Flows to north. NO LNAPL. CW-8, 26J BTEX, 0.77J MTBE. CW-9, 297.9 BTEX, 73 MTBE. MW-7, 95.3 BTEX, 4.4 MTBE. MW-2, 8,656 BTEX, 101 MTBE. FW-7, 291.2 BTEX, 0.25J MTBE. SVE-1, 6,205 BTEX, 2.7J MTBE. FW-9, 1,894.3 BTEX, 1.1J MTBE. FW-8, 587.6 BTEX, 1.4 MTBE. EFR on MW-2 and SVE-1 on 6/7, 7/16, and 8/22/2012. The next sampling will be in 11/2012. 9/24/2013 - 4Q2012, 1/31/2013, by EnviroTrac. The groundwater was sampled on 11/16/2012. On 9/24 and 11/13/2012, conducted EFR on MW-2 and SVE-1. DTW 7.80 to 15.49 feet. Flows to north. CW-9, 223.4 BTEX, 94.1 MTBE. MW-7, 38.04J BTEX, 18 MTBE. MW-2, 6,630.7 BTEX, 136 MTBE. FW-7, 179.7 BTEX, MTBE ND. SVE-1, 1,933 BTEX, 2.7 MTBE. FW-8, 779.9 BTEX, MTBE ND. 1Q2013, 4/30/2013, by EnviroTrac. The groundwater was sampled on 2/26/2013. On 12/3/2012, 1/17/2013 and 2/20/2013, EFR on MW-2 and SVE-1. DTW 10.41 to 15.88 feet. Flows to north. NO LNAPL. CW-9, 77.6 BTEX, 116 MTBE. MW-7, 1.43J BTEX, 22.1 MTBE. MW-2, 2,610.4 BTEX, 94.8 MTBE. FW-7, 33.6 BTEX, MTBE ND. SVE-1, 638 BTEX, MTBE ND. FW-8, 570.4 BTEX, 1.0 MTBE. FW-9, 347.3 BTEX, 0.30J MTBE. 11/14/2014 - 2Q2014, 7/31/2014. 3/24, 4/15, 5/14/2014, EFR on MW-2 and SVE-1. 5/20/2014, sampled groundwater. DTW 9.39 to 15.43 feet. Flows to north. MW-7, 71.6 BTEX. MW-2, 10,042 BTEX, 76.2 MTBE. FW-7, 230.9 BTEX. SVE-1, 984 BTEX. FW-8, 257.9 BTEX. FW-9, 356 BTEX. 11/17/2014 - 3Q2014, 11/7/2014. 6/12, 7/10 and 8/5/2014, EFR on MW-2 and SVE-1. 8/25/2014, sampled groundwater. DTW 10.52 to 15.81 feet. Flows to north. CW-9, 144.4 BTEX, 91.1 MTBE. MW-2, 6,517 BTEX, 83.5 MTBE. FW-7, 329.9 BTEX. SVE-1, 2,527 BTEX. FW-9, 856 BTEX. 4/9/2015 - 4Q2014, 1/26/2015. 9/15, 10/15 and 11/10/2014, EFR on MW-2 and SVE-1. 11/15/2014, gauged 15 monitoring wells and sampled 14 monitoring wells. DTW 11.54 to 15.81 feet. Flows to north. MW-2, 5,112.3 BTEX, 68.1 MTBE. FW-7, 332.1 BTEX. SVE-1, 500.9 BTEX. FW-9, 612.9 BTEX. 1Q2015, 4/9/2015. 12/8/2014, 1/9/2015 and 2/6/2015, EFR on MW-2 and SVE-1, STREs on MW-2/AS-2 and SVE-6/AS-1. 2/12/2015, gauged and sampled 11 monitoring wells. DTW 6.47 to 15.45 feet. Flows to north. CW-9, 121.1 BTEX, 82.9 MTBE. MW-2, 4,347 BTEX, 63.5 MTBE. FW-7, 54.8 BTEX. 10/29/2015 - 2Q2015, 7/15/2015. 3/9, 4/6, 5/6/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 5/12/2015, gauged and sampled 15 monitoring wells. DTW 6.15 to 15.69 feet. Flows to north. MW-2, 3,017.4 BTEX. FW-7, 504.8 BTEX. SVE-1, 768.6 BTEX. FW-9, 74.6 BTEX. 3Q2015, 10/19/2015. 6/11/2015 EFR on MW-2 and SVE-1. 7/14 and 8/7/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 8/27/2015, gauged 15 monitoring wells and sampled 14 monitoring wells. DTW 10.25 to 15.46 feet. Flows to north. MW-2, 9,914 BTEX, 78.3 MTBE. MW-7, 47.7 BTEX, 12.1 MTBE. FW-7, 596.1 BTEX. SVE-1, 4,550 BTEX. FW-8, 339.7 BTEX. FW-9, 691.9 BTEX. 1/28/2016 - 4Q2015, 1/28/2016. 9/16, 10/9, 11/4/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 11/10/2015, gauged 13 and sampled 12 monitoring wells. NO LNAPL. DTW 9.51 to 15.94 feet. Flows to north. CW-9, 53.9 BTEX, 55.7 MTBE. MW-2, 2,189.5 BTEX, 34.6 MTBE. FW-9, 426.1 BTEX. SVE-1, 1,161.4 BTEX. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought. 3/30/16 - Raphael Ketani. This spill case has been assigned to me effective today. According to ACRIS, the block and lot are 434 and 35. The latest deed is dated 4/24/14. The property owner is HESS Retail Stores, LLC, 1 HESS Plaza, Woodbridge, NJ, 07095. The PBS record is #2-297666. The owner is Speedway #7835. Seven USTs were closed and removed from 6/1/92 to 8/1/96. Thirty seven USTs (mostly gasoline 550 gallon tanks) were closed in place on 12/1/79. There are 5 active 4000 gallon USTs - 4 gasoline and 1 diesel. These tanks were installed on 8/1/96. The contacts are as follows: Speedway/Hess

HESS STATION 32530 (Continued) **S104276740**

contact: Matthew Butler, (732) 738-2924, MButler1@Speedway.com Consultants: Edward Russo (EnviroTrac), (631) 924-3001, EDR@EnviroTrac.com Joseph Rennie (EnviroTrac), (631) 924-3001, JoeR@EnviroTrac.com 4/26/16 - Raphael Ketani. Today I received the EnviroTrac 4/25/16 Quarterly Update Report. On 12/9/15, 1/28/16 and on 2/1/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 2/11/16 MW-2 to 6, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were gauged. MW-2 to 6, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were sampled on 2/11/16. Product was not measured in any of the wells. Groundwater was measured at 6.79' and 15.66' below grade and was determined to be flowing northerly. Total BTEX was 2968.1 ppb (856 ppb) at MW-2, non-detect at MW-3 to MW-6 and MW-8 and FW-7, 138.7 ppb (15 ppb benzene) at FW-8, 201.7 ppb (8 ppb benzene) at FW-9, 3.6 ppb at CW-8, 22.1 ppb (13.2 ppb benzene) at CW-9 and 450.3 ppb (12 ppb benzene) at SVE-1. 7/26/16 - Raphael Ketani. Today I received the EnviroTrac July 2016 Quarterly Update Report dated 7/26/16 for the period March to May 2016. On 3/1/16, 4/20/16 and on 5/6/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 5/13/16 MW-1 to 8, FW-7, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 8, FW-7, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 5/13/16. Product was not measured in any of the wells. Groundwater was measured at 8.76' and 16.03' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1, 929.9 ppb (254 ppb) at MW-2, non-detect at MW-3 to MW-8, 143.8 ppb (non-detect benzene) at FW-7, non-detect at CW-8 and at CW-9, 427 ppb (62.9 ppb benzene) at SVE-1 and non-detect at SVE-7. 10/24/16 - Raphael Ketani. I reviewed the EnviroTrac August 2016 Quarterly Update Report dated 10/24/16 for the period June to August 2016. On 6/8/16, 7/13/16 and on 8/9/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 8/10/16 MW-1 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 8, FW-7 to FW-9, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 8/10/16. Product was not measured in any of the wells. Groundwater was measured at 9.09' and 15.67' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1 and MW-4 to MW-8. MW-2 was 568.5 ppb (247 ppb benzene). FW-7 had 469.5 ppb (20.2 ppb benzene). FW-8 had 180.8 ppb (19.9 ppb benzene). FW-9 had 231.2 ppb (23 ppb benzene). CW-8 had 4.4 ppb. CW-9 had 2.3 ppb. SVE-1 had 373.8 ppb (15.9 ppb benzene). SVE-7 had 4.2 ppb BTEX. 12/19/16 - Raphael Ketani. Today I received an email as a c-c from Ryan Piper, Engineering Geologist I at DEC Region 2, concerning a new spill (#1608842)at the site. The spill concerned oil contaminated surface water flowing off of the site and onto the street in front due to a clogged drain at the northern end of the property. There was an odor complaint as a result. I sent an email to Mr. Fleming, the representative of Speedway, stating that they faced possible fines and legal action for violating the SPDES regulation, 6 NYCRR Part 750.1.3. I also stated that the subject northern drain must be cleaned out immediately and that Speedway must check the drains at its other stations and make sure they can receive precipitation. Mr. Ryan's original email to Mr. Fleming is as below: A neighbor complained about a diesel spill/ condition at the station that is affecting the surrounding neighborhood. I performed a site visit on Sunday Dec 18th in which I observed the condition. Apparently, there are a number of storm drains on the premises, particularly the drain on the north side of the property, that are clogged with sediment causing large puddles to run off into and down the street to a NYCDEP

HESS STATION 32530 (Continued) **S104276740**

storm drain. Combined with poor housekeeping and minor spilling at the Diesel pump island on the North side of the property, this is causing a nuisance odor and adverse condition down the road. Therefore I am directing you to take the appropriate action to address this issue as follows. Control of Storm Water Emanating from 204-222 4th Ave, Brooklyn, NY: As per 6 NYCRR Part 750.1.3, The following discharges into the waters of the State are hereby prohibited, and no SPDES or other permit shall be issued authorizing any such discharge: (d) any discharge from a point source, which is in conflict with a plan or amendment thereto approved pursuant to section 208(b) of the Act and 40 CFR part 35 (see section 750-1.24 of this Part), or any other discharge not permitted by this Part, ECL Article 17, other rules and regulations adopted or applicable pursuant thereto or to the Act, or the provisions of an SPDES permit. During the site visit referenced above, evidence was observed of storm water flowing from 204-222 4th Ave, Brooklyn, NY to the street. As such the Department requires that the storm water from 204-222 4th Ave be directed to onsite drainage systems. Documentation of catch basin cleaning must be submitted to the Department no more than 1 month from the date of this email. Mr. Fleming responded back quickly by email stating that the problem will be immediately corrected. 1/19/17 - Raphael Ketani. Today I received an email from Mr. Russo [(631) 924-3001, EDR@EnviroTrac.com] regarding the plugged drains at the site (spill #1608842). The email had attachments consisting of a site plan showing the 6 catch basin locations, photos of the basins taken on 12/20/16 and photos of the basins taken on 1/17/17. Mr. Russo explained in his email that 3 of the catch basins were noted as not draining during EnviroTrac's 12/20/16 inspection. All of the catch basins were cleaned of debris and jetted for 70 feet by a Speedway contractor on 12/31/16. On 1/17/17, the site was inspected again. This time only CB-3 was not draining properly. Mr. Russo stated that this drain will be addressed again by Speedway's contractor. He stated that he will send the DEC an update regarding the re-establishment of drainage at CB-3. 2/2/17 - Raphael Ketani. I reviewed the EnviroTrac January 2017 Quarterly Update Report dated 1/31/17 for the period September to November 2016. On 9/2/16, 10/17/16 and on 11/8/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 11/23/16 MW-1 to 6, MW-8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 6, MW-8, FW-7, FW-9, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 11/23/16. Product was not measured in any of the wells. Groundwater was measured at 7.55' and 15.55' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1, 3 to 6, 8 and SVE-7. The samples for FW-9, CW-8, CW-9 and SVE-1 had 1 to 3 low hits. MW-2 was 1091.1 ppb (487 ppb benzene). FW-7 had 899.6 ppb (45.6 ppb benzene). 4/28/17 - Raphael Ketani. Today I received an email from Mr. Butler that he is leaving Speedway. He stated that John Engdahl [jjengdahl@speedway.com (732) 738-2923] will take over his duties. 5/2/17 - Raphael Ketani. I reviewed the EnviroTrac April 2017 Quarterly Update Report dated 4/28/17 for the period December to February 2017. On 12/7/16, 1/11/17 and on 2/2/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 2/7/17, MW-1 to 6, MW-8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not measured in any of the wells. Groundwater was measured at 7.57' and 15.48' below grade and was determined to be flowing northerly. BTEX was non-detect at MW-3 to 6, 8 and CW-9. The samples for MW-1, FW-7

HESS STATION 32530 (Continued) **S104276740**

to FW-9, CW-8 and SVE-7 had 1 to 4 low hits. MW-2 was 3876.1 ppb (991 ppb benzene). SVE-1 was 1329.4 ppb (38.3 ppb benzene). The PID effluent concentration a SVE-6/AS-1 was 665.3 ppm, 405.6 ppm and 290.8 ppm on 12/7/16, 1/11/17 and 2/2/17, respectively. I approved the report with a comment to Mr. Rennie asking him to explain the extremely high benzene concentration in the groundwater at MW-2. 8/1/17 - Raphael Ketani. I reviewed the EnviroTrac July 2017 Quarterly Update Report dated 7/28/17 for the period March to May 2017. On 3/7/17, 4/7/17 and on 5/3/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 5/30/17, MW-1 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.00' to 18.42' below grade and was determined to be flowing northerly. BTEX was non-detect or low at MW-1, 3 to 6, 8, FW-8, CW-8, CW-9 and SVE-7. MW-2 was 2699.1 ppb (563 ppb benzene). MW-7 was 110.6 ppb (90 ppb benzene). FW-7 was 252.5 ppb (non-detect for benzene). FW-9 was 81.1 ppb (30.8 ppb benzene). SVE-1 was 5475.7 ppb (48.7 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 324.1 ppm and 175.5 ppm on 3/7/17 and 4/7/17, respectively. 10/31/17 - Raphael Ketani. I reviewed the EnviroTrac October 2017 Quarterly Update Report dated 10/30/17 for the period June to August 2017. On 6/14/17, 7/12/17 and on 8/15/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 8/23/17, MW-1 to 3, 5 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.44' to 15.08' below grade and was determined to be flowing northerly. BTEX was non-detect or low at MW-1, 3 to 6, 8, FW-8, CW-8, CW-9 and SVE-7. MW-2 was 2269.9 ppb (481 ppb benzene). MW-7 was 129.5 ppb (115 ppb benzene). FW-7 was 122 ppb (non-detect for benzene). FW-9 was 126.3 ppb (48 ppb benzene). SVE-1 was 1558.1 ppb (83.1 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 95.3 ppm, 165.4 ppm and 131.2 ppm on 6/14/17, 7/12/17 and 8/15/17, respectively. EnviroTrac requested permission to abandon upgradient and side-gradient wells MW-1, 4, 5, 6, and SVE-7 based upon historical and current analytical data results. I reviewed the data for these wells and determined that their abandonment would not impact the monitoring of the site. 1/31/18 - Raphael Ketani. I reviewed the EnviroTrac January 2018 Quarterly Update Report dated 1/31/18 for the period September to November 2017. On 9/14/17, 10/30/17 and on 11/6/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 11/21/17, MW-2, 3, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.25' to 15.64' below grade and was determined to be flowing northerly. Wells MW-1, 4 to 6 and SVE-7 were abandoned on 11/6/17. BTEX was non-detect or low at MW-3, 8, FW-7 to 9, CW-8 and CW-9. MW-2 was 3550.6 ppb (791 ppb benzene). MW-7 was not sampled. SVE-1 was 1126.5 ppb (69.5 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 408.1 ppm, 77.7 ppm and 360.9 ppm on 9/14/17, 10/30/17 and 11/6/17, respectively. 05/01/2018: This spill case was transferred to A. Doronova - AD. AD Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com DL the report to DDocs. Will review. AD 05/29/2018: Reviewed the report.

HESS STATION 32530 (Continued) **S104276740**

It states that the spill case was reported when petroleum-impacted soil were encountered during underground storage tank (UST) upgrade activities in August 1996. This report covers monitoring period from December 2017 to February 2018. On December 11, 2017, January 16, and February 1, 2018 - EnviroTrac conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. On February 6, 2018 - the consultant gauged ten (10) and sampled eight (8) monitoring wells. On April 12, 2018 EnviroTrac sampled three (3) monitoring wells. Wells Gauged: MW-2, 3, 7, 8; FW-7, 8, 9; CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.68 feet- 18.58 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 355 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 30.6 ug/L (MW-2) BTEX: highest concentrations are in well MW-2 (900ppb) EnviroTrac will continue quarterly groundwater sampling, with the next sampling event scheduled for May 2018. An Update Report summarizing these activities will be submitted to NYSDEC in July 2018. Monthly EFR and STRE events to continue. AD 07/18/2018: Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 07/26/2018: Reviewed the report. This report covers monitoring period from March 2018 May 2018. On March 5, April 11, and May 3, 2018 - the consultant conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - April 12, 2018 four (4) wells were gauged and three (3) monitoring wells were sampled. - May 8, 2018 nine (9) wells were gauged and eight (8) monitoring wells were sampled. Wells Gauged: MW-2, 3, 8; FW-7, 8, 9; CW-8, 9, and SVE-1. Wells Containing LPH (feet): None Groundwater Depth: 8.32 feet - 15.32 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 620 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 56.7 ug/L (MW-2) BTEX concentrations ranged in the site wells from ND in MW-3, MW-8, CW-9 to 2,600ppb in the most contaminated site well MW-2. Current Plans/Proposals: Continue quarterly groundwater sampling, with the next sampling event scheduled for August 2018. An Update Report summarizing these activities will be submitted to NYSDEC in October 2018. Continue monthly EFR and STRE events. AD 10/29/2018: Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joe Rennie Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 11/23/2018: Reviewed the report for the monitoring period: June 2018 August 2018. Work Performed: - June 13, July 24, & August 7, 2018 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - August 30, 2018 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1. Wells Containing LPH (feet): None. Groundwater Depth: 8.19 feet - 15.02 feet. Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1. Maximum Benzene Concentration: 802 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration:

HESS STATION 32530 (Continued) **S104276740**

44.1 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 4,440.2 ug/L Recommendations: Continue quarterly groundwater sampling, with the next sampling event scheduled for November 2018. An Update Report summarizing these activities will be submitted to NYSDEC in January 2019. Continue monthly EFR and STRE events. AD 01/29/2019: Received the following e-mail from Ed Russo: Ainura attached is the most recent update report for your review/files. Let us know if you have any questions or comments. Thanks. Edward Russo - Senior Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - 516.523.6714 (Cell) - edr@envirotrac.com Will review. AD 02/15/2019: Reviewed the report. It states that for the monitoring period: September 2018 November 2018, the following work was performed at the site: - September 4 & November 6, 2018 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - October 11, 2018 Conducted EFR on monitoring well SVE-1. - November 12, 2018 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.11 feet - 15.23 feet. Groundwater Flow: Northerly. Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1. Maximum Benzene Concentration: 640 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 33.8 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 2,656.8 ug/L Recommendations: the consultant will continue quarterly groundwater sampling, with the next sampling event scheduled for February 2019. An Update Report summarizing these activities will be submitted to NYSDEC in April 2019. EnviroTrac will continue monthly EFR and STRE events. AD 04/18/2019: Received the following e-mail from Mr. Rennie: Please find attached the most recent Update Report for the above referenced location. Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 05/01/2019: Reviewed the report. It states that for the monitoring period: December 2018 February 2019 the following work was performed at the site: - December 4, 2018 and January 16 & February 7, 2019 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short-term remediation events (STREs) on SVE-6/AS-1. - February 26, 2019 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1. Wells Containing LPH (feet): None Groundwater Depth: 6.71 feet 15.62 feet. Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 694 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 37.6 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 4,116.0 ug/L Recommendations: Continue quarterly groundwater sampling, with the next sampling event scheduled for May 2019. An Update Report summarizing these activities will be submitted to NYSDEC in July 2019. Continue monthly EFR and STRE events. AD 05/07/2019: I had an internal meeting with DEC BCP regarding this site, and was informed that they received an application for this spill case to enter into BCP. If their application will be approved, this spill case will be transferred to BCP section. AD 07/31/2019: Received the following e-mail from Mr. Rennie: Ainura - Please find attached the most recent Update Report for the above referenced location. Joseph Rennie Project Manager phone: 631.924.3001 - email: joer@envirotrac.com EnviroTrac Ltd., 5 Old Dock Road Yaphank, NY 11980 Will review, AD 08/02/2019: Reviewed the report. It states that

HESS STATION 32530 (Continued) **S104276740**

for the monitoring period: March May 2019, the following work was performed: at the site: - March 29, April 5, & May 2, 2019 - Conducted EFR events on monitoring well SVE-1 and STREs on SVE-6/AS-1. - May 15, 2019 Gauged and sampled ten (10) monitoring wells. GW monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.67 feet 15.24 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 719 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 37.4 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 3,439.5 ug/L Recommendations: This site will potentially be approved into the New York State Brownfields Program. Until the site is approved into this program, Speedway will continue quarterly groundwater sampling, with the next sampling event scheduled for August 2019. An Update Report summarizing these activities will be submitted to NYSDEC in October 2019. Continue monthly EFR and STRE events. AD 08/23/2019: Received the following e-mail from Mr. Rennie: Ainura - Please find attached the most recent Update Report for the above referenced location. Joseph Rennie Project Manager EnviroTrac Ltd. phone: 631.924.3001 - email: joer@envirotrac.com 5 Old Dock Road Yaphank, NY 11980 - https://envirotrac.com Will review. AD 09/19/2019: Reviewed the report. It states that the site is now active gas station. The spill was reported when petroleum-impacted soils were encountered during UST upgrade activities in August 1996. Site Remediation Activities: - June and September 2004 BioSolve injection events were completed in select on-site wells. - October 2008 Monthly Enhanced Fluid Recovery (EFR) events commenced on select wells. - December 2014 Monthly Soil Vapor Extraction (SVE)/Air Sparge (AS) Short-Term Remediation Events (STREs) events commenced on select wells. For the reported monitoring Ppriod: June - August 2019, the following work was performed at the site: - June 6, July 10, & August 1, 2019 - Conducted EFR events on monitoring well SVE-1 and STREs on SVE-6/AS-1. - August 12, 2019 Gauged ten (10) and sampled nine (9) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.48 feet 15.33 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 489 ug/L (MW-2) Maximum MTBE Concentration: 28.8 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 3,901.3 ug/L (MW-2) GW data: Well 08/2018 08/2019 (TVOCs in ppb) MW-2 4440 3900 MW-3 26 ND MW-7 37 19 MW-8 ND ND FW-7 468 52 FW-8 75 NS FW-9 139 1020 CW-8 69 148 CW-9 116 ND SVE-1 4035 863 Recommendations: This site will potentially be approved into the New York State Brownfields Program for a redevelopment project. Speedway is scheduled to complete divestment/UST system removal activities in September 2019. UST system closure reporting and future monitoring/reporting related to this site, if needed, will be conducted by the new property owner (assuming the site is approved into the Brownfields Program). AD 04/21/2020: Received the following email from Mr. Morley of PWG: ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails. Ainura, Please find attached the 1st Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan -- Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 05/12/2020: Reviewed the report. It states that The property ownership changed in November 2019 and PWGC

HESS STATION 32530 (Continued) **S104276740**

was retained to continue groundwater monitoring at the site. A Supplemental Remedial Investigation (SRI) was performed as part of the sites enrolment into the New York State Department of Environmental Conservation s (NYSDEC s) Brownfield Cleanup Program (BCP) which included groundwater sampling. The groundwater sampling performed during the SRI substituted for the fourth quarter 2019 monitoring event. The subject property is a former retail gasoline fueling station, fueling operations ceased in October 2019. The lot measures approximately 19,000 square-feet and is bounded by Sackett Street to the north, commercial properties to the west, 4th avenue to the east, and Union Street to the south. The property is improved with a 360-square foot at-grade storage building, and a cashier s kiosk. In October 2019, four (4) 4,000-gallon gasoline USTs, one (1) 4,000-gallon diesel UST, and one (1) 550-gallon wastewater UST were closed and removed from the property. An abandoned 2,000-gallon fuel oil UST near the storage building at the northwest corner of the Site was partially exposed, however the UST was not removed due to nearby utilities and potential for undermining the sidewalk and onsite storage building. Upon completing UST removal, associated product and vent lines were exposed and removed. During the October 2019 UST removal activities, monitoring well MW-3, which was located near the storage building, was destroyed. During the November 2019 SRI, GW018 was installed on the northwest corner of the site. Based on information documented in previous monitoring events, regional groundwater flow is towards the north. GW sampling: PWGC mobilized to the site on Monday, March 9, 2020 to perform quarterly groundwater monitoring activities. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from 7 wells: CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. Monitoring wells FW-8 and FW-9 were dry and were not sampled. Analytical results for samples collected at CW-8, MW-8, GW018, FW-7, MW-2, MW-7 and CW-9 were compared to AWQS. MBTE was detected in MW-2, GW018, FW-7, MW-7, and CW-9 and BTEX was detected in MW-2, CW-8, FW-7, and MW-7. The highest concentration of MBTE was detected in CW-9 (11.0 ug/L). The lowest detectable concentration of MBTE was in GW018 (1.9 ug/L). The highest concentration of BTEX was detected in MW-2 (117.47 ug/L). The lowest detectable concentration of BTEX was in MW-7 (0.16 ug/L). Additionally, the highest concentrations of isopropylbenzene were detected at MW-2, FW-7, and CW-8. Based on these results, the highest degree of impact appears to be located adjacent to the former UST locations located in the central and western portions of the property. Generally, these concentrations were similar to previous sampling events. GW data: Well 08/2018 08/2019 03/2020 (TVOCs in ppb) MW-2 4440 3900 248 MW-3 26 ND destr MW-7 37 19 ND MW-8 ND ND ND FW-7 468 52 49.5 FW-8 75 NS NS dry FW-9 139 1020 NS dry CW-8 69 148 67 CW-9 116 ND 11 SVE-1 4035 863 NS GW018 ND Removal of the sourse of contamination significantly decreased TVOCs in the most contaminated site well MW-2 from 3900 ppb in August 2019 to 248 ppb in march of 2020. The consultanr states that based on analytical data, it appears that the highest levels of residual impact are located adjacent to the former UST areas located in the central and western portions of the site. Analytical results were generally consistent with previous monitoring events performed by Envirotrac. At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for May 2020. AD 08/21/2020: Received the following email

HESS STATION 32530 (Continued) **S104276740**

from Mr. Morley: Ainura, Please find attached the 2nd Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 09/23/2020: Reviewed the 2nd quarter 2020 report. It states that PWGC mobilized to the site on Thursday, June 18, 2020 to perform quarterly groundwater monitoring activities. Groundwater monitoring consisted of measuring depth to water and total well depth measurements for the nine monitoring wells at the site. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring wells FW-7, FW-8 and FW-9 were observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List. Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to AWQS. Samples collected from MW-8, GW018, MW07, and CW-9 yielded concentrations of VOCs less than AWQS. MBTE was detected in CW-8, GW018, MW-2 and MW-7, with the concentrations of each under the AWQS of 10 ug/L. The highest concentration of MBTE was detected in MW-7 (9.6 ug/L). The lowest detectable concentration of MBTE was in CW-8 (0.75 ug/L). Detectable concentrations of MBTE were less than AWQS at each sampling location. Benzene was detected at concentrations greater than AWQS at monitoring wells MW-2 and CW-8 with the highest concentration, 35 ug/L, detected at MW-2. Ethylbenzene was detected at a concentration grater than AWQS at MW-2 with a concentration of 11 ug/L. The highest BTEX (benzene, toluene, ethylbenzene, and xylene) was detected in MW-2 (46 ug/L). Additionally, isopropylbenzene and n-propylbenzene was detected above AWQS in samples from MW-2 and CW-8 (11 ug/L and 13 ug/L : 20 ug/L and 15 ug/L, respectively). 1,2,4-trimethylbenzene was detected at a concentration of 77 ug/l at MW-2. 1,2,4-trimethylbenzene, isopropylbenzene, and n-propylbenzene are common compounds associated with petroleum impact. Based on these results, the highest degree of impact appears to be located adjacent to the former UST locations located in the central and western portions of the property. Generally, these concentrations were similar to previous sampling events. At this time, PWGC offers the following recommendations for the site: " Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for September 2020. AD 11/10/2020: Received the following email from Mr. Morley: Ainura, Please find attached the 3rd Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 12/11/2020: Reviewed the report. It states that The property ownership changed in November 2019 and PWGC was retained to continue groundwater monitoring at the site. The subject property is a former retail gasoline fueling station, fueling operations ceased in October 2019. The lot measures approximately 19,000 square-feet and is bounded by Sackett Street to the north, commercial properties to the west, 4th avenue to the east, and Union Street to the south. The property is improved with a 360-square foot at-grade storage building, and a cashier s kiosk. PWGC mobilized to the site on

HESS STATION 32530 (Continued) **S104276740**

Wednesday, September 23, 2020 to perform quarterly groundwater monitoring activities. Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring wells FW-7, FW-8 and FW-9 were observed to be dry at the time of field activities and could not be sampled. Total BTEX was detected in MW-2 at a concentration of 1,015 ug/L. Minimal concentrations or non-detectable concentrations of total were observed in the remaining monitoring wells. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for December 2020. 04/22/2021: Received the following email from Mr. Morley: Ainura, Please find attached the first quarter 2021 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 05/26/2021: Reviewed the report. It states that PWGC mobilized to the site on Wednesday, March 17, 2021 to perform quarterly groundwater monitoring activities. Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring well FW-7 was observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to AWQS. Samples collected from wells MW-8, GW018, and CW-9 indicated VOCs less than AWQS. MBTE was detected in MW-2 at 11 ug/L, which is slightly more than the AWQS of 10 ug/L. Sample results from the five other wells yielded concentrations of MBTE that were below AWQS or below the laboratory detection limit. Benzene was detected in the sample collected from MW-7 at 6.9 ug/L. Sample results from the five other wells for benzene were below AWQS or below the laboratory detection limit. Concentrations of total BTEX comprised of solely the detections of Benzene, as the other three compounds were not detected at any of the six monitoring wells. Additionally, isopropylbenzene was detected at a concentration greater than AWQS in the sample collected from CW-8 with a result of 5.3 ug/L. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Analytical results were generally consistent with previous monitoring events in terms of which locations exhibited the highest degree of impact, however the concentrations of VOCs were significantly lower than concentrations reported during previous sampling events. Recommendations: At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for June 2021. AD 11/05/2021: Received the following email from Mr. Morley: Ainura, Please find attached the third quarter 2021 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project

HESS STATION 32530 (Continued) **S104276740**

Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 12/02/2021: Reviewed the 3rd quarter 2021 report. It states that PWGC mobilized to the site on Monday September 13, 2021 to perform quarterly groundwater monitoring activities. Groundwater monitoring consisted of measuring depth to water and total well depth measurements for the nine monitoring wells at the site. Water levels were collected using a Solinst Oil / Water Interface Probe. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring well FW-7 was observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to NYSDEC s AWQS. Samples collected from wells MW-2, MW-8, and GW018 indicated VOCs less than AWQS. MBTE was detected below the AWQS of 10 ug/L in all six samples. Benzene was detected in the samples collected from MW-7, CW-8, and CW-9 at concentrations of 22 ug/L, 12 ug/L, and 5.7 ug/L, respectively, which are greater than the AWQS of 1 ug/L. Sample results from the three other wells yielded concentrations of benzene below the laboratory detection limit. Concentrations of BTEX comprised of solely the detections of Benzene, as the other three compounds were not detected at any of the six wells. Isopropylbenzene was detected in the samples collected from MW-7, CW-8, and CW-9 at of 95 ug/L, 110 ug/L and 6.2/L, respectively, which are greater than the AWQS of 5 ug/L. N-proplybenzene was detected in MW-7 and CW-8 at 150 ug/L and 140 ug/L, respectively, which are greater than the AWQS of 10 ug/L. Sec-butylbenzene was detected in MW-7 and CW-8 at 23 ug/L and 9.5 ug/L, respectively, which are greater than the AWQS of 5 ug/L. Napthalene was detected in the sample collected from CW-8 at a concentration of 12 ug/L which is greater than the AWQS of 5 ug/L. N-butylbenzene was detected in the sample collected from CW-8 at 6.2 ug/L which is greater than the AWQS of 5 ug/L. VOs levels have increased when compared to last quarter s sampling event but overall show decreasing concentrations when compared to previous sampling events. Hydrographs have been developed for each of the seven monitoring wells illustrating the trends in BTEX and MBTE concentrations over time compared to groundwater elevations dating back to May 2016. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Analytical results were generally consistent with previous monitoring events in terms of which locations exhibited the highest degree of impact, however the concentrations of VOCs were generally lower than concentrations reported during previous sampling events. At this time, PWGC offers the following recommendations for the site: " Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for December 2021. Given that BTEX ranges in the site well s from ND to 27 ppb in well MW-7, his site is a good candidate for a case closure in the future. AD 12/8/21 - Spill transferred to Steven Wu for tracking under BCP site no. C224295. JHO"

Remarks: "removal of under ground tanks-poss soil contamination"

All Materials:

Site ID: 74470

HESS STATION 32530 (Continued) **S104276740**

Operable Unit ID: 1036525
Operable Unit: 01
Material ID: 348465
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 74470
Operable Unit ID: 1036525
Operable Unit: 01
Material ID: 348466
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: HESS STATION #32530
Address: 204-222 4TH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0602980 / 2006-09-12
Facility ID: 0602980
Facility Type: ER
DER Facility ID: 310148
Site ID: 365575
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 2006-06-17
Investigator: SKCARLSO
Referred To: CONSOLIDATED WITH 96-05719
Reported to Dept: 2006-06-17
CID: 71
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-06-17
Spill Record Last Update: 2006-09-12
Spiller Name: MICHAEL MATRI
Spiller Company: HESS STATION #32530
Spiller Address: 204-222 4TH AVE

HESS STATION 32530 (Continued) **S104276740**

Spiller Company: 001
Contact Name: MICHAEL MATRI
DEC Memo: "6/19/06: Left Mike Matri a voice message requesting a report with endpoint sampling. Received voice message from Mike Matri, post-excavation sampling results will be submitted. 8/7/06: Sent followup email for endpoint sampling results to Dawn Coughlin of Hess. 8/15/06: Received the results of endpoint sampling conducted during spill bucket replacement. Contaminants exceeding TAGM standards were found in both samples. A monitoring well is required adjacent to endpoint sampling locations. If possible, the RAP due for Spill 96-05719 should include remediation of spill 06-02980. 9/12/06: Consolidated with spill 96-05719. A RAP for installation of a SVE system was approved which will remediate spills 96-05719 and 06-02980."
Remarks: "SPILL BUCKET LEAKING. IMPACT TO SOIL. SOIL EXCAVATED. HESS WAS UPGRADING SPILL BUCKET. IDENTIFIED CONTAMINATED SOIL. STATION HAS EXISTING DEC SPILL . CASE MGR IS SARAH ANDERSON - REGION 2"

All Materials:
Site ID: 365575
Operable Unit ID: 1123589
Operable Unit: 01
Material ID: 2113056
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

C58 **HESS#32530** **FINDS** **1000263763**
ESE **204-222 FOURTH AVE** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11217** **RCRA-VSQG**
0.080 mi. **US AIRS**
420 ft. **Site 9 of 11 in cluster C** **NY MANIFEST**

Relative: Higher
Actual: 26 ft.

RCRA-VSQG:
Date Form Received by Agency: 20160921
Handler Name: SPEEDWAY 7835
Handler Address: 204 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11217-3121
EPA ID: NYD982185563
Contact Name: CHARLES A BESSE
Contact Address: PO BOX 1500
Contact City,State,Zip: SPRINGFIELD, OH 45501-1500
Contact Telephone: 937-863-6272
Contact Fax: 937-863-6078
Contact Email: CABESSE@SPEEDWAY.COM
Contact Title: ENVIRONMENTAL COMPLIANCE ADMIN
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

HESS#32530 (Continued) **1000263763**

Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: PO BOX 1500
Mailing City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner Name: MERIT OIL CORP
Owner Type: Private
Operator Name: MERIT OIL CORP
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20161012

HESS#32530 (Continued) **1000263763**

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private

HESS#32530 (Continued) **1000263763**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 20141001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 20141001
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

HESS#32530 (Continued) **1000263763**

Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870511
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160921
Handler Name: SPEEDWAY 7835
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980223
Handler Name: MERIT OIL OF NEW YORK, INC.,
Federal Waste Generator Description: Large Quantity Generator

HESS#32530 (Continued) **1000263763**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 4471
NAICS Description: GASOLINE STATIONS

NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

US AIRS MINOR:
Envid: 1000263763
Region Code: 02
Programmatic ID: AIR NY0000002610300089
Facility Registry ID: 110001572628
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610300089
Facility Registry ID: 110001572628
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

HESS#32530 (Continued) **1000263763**

Registry ID: 110001572628

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AIR MINOR

ECHO:
Envid: 1000263763
Registry ID: 110001572628
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001572628
Name: HESS#32530
Address: 204-222 FOURTH AVE
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: MERIT OIL CORP - SACKETT
Address: 204-222 4TH AVE
City,State,Zip: BROOKLYN, NY 11217-3121
Country: USA
EPA ID: NYD982185563
Facility Status: Not reported
Location Address 1: 204-222 FOURTH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD982185563
Mailing Name: MERIT OIL CORP - SACKETT
Mailing Contact: DOM DEBENEDICTI
Mailing Address 1: 551 W LANCASTER AVE
Mailing Address 2: Not reported
Mailing City: HAVERFORD

HESS#32530 (Continued) **1000263763**

Mailing State: PA
Mailing Zip: 19041
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5167310036

C59 **SPEEDWAY #7835 - PBS# 2-297666** **NY Spills** **S119028820**
ESE **204 - 222 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.080 mi.
420 ft. **Site 10 of 11 in cluster C**

Relative: **Higher**

Actual: **26 ft.**

SPILLS:
Name: SPEEDWAY #7835 - PBS# 2-297666
Address: 204 - 222 4TH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1608842 / 2017-03-03
Facility ID: 1608842
Facility Type: ER
DER Facility ID: 491452
Site ID: 537587
DEC Region: 2
Spill Cause: Deliberate
Spill Class: D3
SWIS: 2401
Spill Date: 2016-12-17
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 2016-12-17
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2016-12-17
Spill Record Last Update: 2017-03-03
Spiller Name: ERIC
Spiller Company: SPEEDWAY
Spiller Address: 204 4TH AVE
Spiller Company: 999
Contact Name: ERIC
DEC Memo: "R.Piper responded this spill (Secondary Off-hour). 12/19/16- DEC Piper emailed Scott Fleming of Speedway to have drains cleaned. 1/19/17- DEC Piper received notification from Envirotrac that: EnviroTrac, Speedway s environmental consultant, inspected the subject property and the on-site drains on December 20, 2016 (see attachments for inspection photos and site plan). EnviroTrac did notice that three (3) out of the six (6) on-site drains were clogged or not draining to capacity causing an overflow situation. During EnviroTrac s field observations it was noticed that CB-1 was no draining as was evident by the drain being submerged under w ice, CB-4 contained sediment that was frozen solid, and CB-6 also had

SPEEDWAY #7835 - PBS# 2-297666 (Continued) **S119028820**

sediment within. As a result of a drainage issue at this site, Speedway s maintenance division procured a sub-contractor to clean out debris from each drain and sewer jet seventy (70) feet of clogged lines. This work was conducted on December 31, 2016. In order to confirm the cleanout of these drains, EnviroTrac dispatched a technician on Tuesday, January 17, 2017 and noticed that one (1) drain out of the six (6) was still not draining to capacity and had some overflow. This drain (CB-3) is located behind the station kiosk. EnviroTrac notified Speedway s maintenance division of this issue related to CB-3 on Tuesday, January 17, 2017. Speedway s maintenance division will be dispatching a contractor to clean this affected drain. 3/3/17- DEC Piper received notification from Envirotrac that Speedway s maintenance division dispatched a contractor to clean catch basin (CB-3) on February 1, 2017. The cleanout procedure that was utilized consisted of sewer jetting the outflow pipe and as a result, no waste was generated. Based on work to date, this spill is closed."

Remarks: "caller stated that drains are over following in to drains"

All Materials:
Site ID: 537587
Operable Unit ID: 1286213
Operable Unit: 01
Material ID: 2291815
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

C60 **SPEEDWAY # 7835** **NY UST** **U001835738**
ESE **204-222 FOURTH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.080 mi.
420 ft. **Site 11 of 11 in cluster C**

Relative: **Higher**
Actual: **26 ft.**

UST:
Name: SPEEDWAY # 7835
Address: 204-222 FOURTH AVENUE
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-297666 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585963.62972
UTM Y: 4503521.59070
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 13756
Affiliation Type: Emergency Contact
Company Name: SPEEDWAY LLC
Contact Type: Not reported
Contact Name: BRANDIE LEHMAN

SPEEDWAY # 7835 (Continued) **U001835738**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(937) 863-7071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MASTREIC
Date Last Modified:	2021-01-05

Site Id:	13756
Affiliation Type:	Mail Contact
Company Name:	SPEEDWAY LLC
Contact Type:	SUPERVISOR, ENV COMPLIANCE - ATLANTIC
Contact Name:	BRANDIE LEHMAN
Address1:	500 SPEEDWAY DRIVE
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	001
Phone:	(937) 863-7071
EMail:	USTCOMPLIANCE@SPEEDWAY.COM
Fax Number:	Not reported
Modified By:	MJGRIFFI
Date Last Modified:	2021-10-22

Site Id:	13756
Affiliation Type:	Facility Owner
Company Name:	SPEEDWAY LLC
Contact Type:	SUPERVISOR, ENVIRONMENTAL
Contact Name:	BRANDIE LEHMAN
Address1:	500 SPEEDWAY DR
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	999
Phone:	(937) 863-7071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KBSWEET
Date Last Modified:	2021-01-21

Site Id:	13756
Affiliation Type:	Facility Operator
Company Name:	SPEEDWAY # 7835
Contact Type:	Not reported
Contact Name:	BRANDIE LEHMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

SPEEDWAY # 7835 (Continued) **U001835738**

Phone: (585) 349-3056
EMail: Not reported
Fax Number: Not reported
Modified By: MASTREIC
Date Last Modified: 2021-01-05

Tank Info:

Tank Number: 046
Tank ID: 51360
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number: 047
Tank ID: 51361
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

SPEEDWAY # 7835 (Continued) **U001835738**

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 048
Tank ID: 51362
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

SPEEDWAY # 7835 (Continued) **U001835738**

E04 - Piping Secondary Containment - Double walled UG

Tank Number: 049
Tank ID: 51363
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

Tank Number: 050
Tank ID: 51364
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN

SPEEDWAY # 7835 (Continued) **U001835738**

Last Modified: 02/11/2020

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 0A9
Tank ID: 15907
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 0W7
Tank ID: 15905
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 11/01/1988
Date Tank Closed: 10/04/2019

SPEEDWAY # 7835 (Continued) **U001835738**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D10 - Pipe Type - Copper
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 0W8
Tank ID: 15906
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 06/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: ZZ
Date Test: 03/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None

Tank Number: 37
Tank ID: 15899
Tank Status: Closed - Removed

SPEEDWAY # 7835 (Continued) **U001835738**

Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 38
Tank ID: 15900
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None

SPEEDWAY # 7835 (Continued) **U001835738**

H99 - Tank Leak Detection - Other

Tank Number: 39
Tank ID: 15901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
H99 - Tank Leak Detection - Other

Tank Number: 40
Tank ID: 15902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None

SPEEDWAY # 7835 (Continued) **U001835738**

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve

Tank Number: 41
Tank ID: 15903
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 42
Tank ID: 15904
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported

SPEEDWAY # 7835 (Continued) **U001835738**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
H99 - Tank Leak Detection - Other

Tank Number: 6
Tank ID: 15908
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1992
Date Tank Closed: 10/04/2019
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 34
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 02/11/2020

Equipment Records:
G04 - Tank Secondary Containment - Double-Walled (Underground)
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

Tank Number: A11
Tank ID: 15909
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965

SPEEDWAY # 7835 (Continued) **U001835738**

Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None

Tank Number: A12
Tank ID: 15910
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

SPEEDWAY # 7835 (Continued) **U001835738**

Tank Number: A13
Tank ID: 15911
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A14
Tank ID: 15912
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

SPEEDWAY # 7835 (Continued) **U001835738**

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A15
Tank ID: 15913
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A16
Tank ID: 15914
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

SPEEDWAY # 7835 (Continued) **U001835738**

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number: A17
Tank ID: 15915
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A18
Tank ID: 15916
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

SPEEDWAY # 7835 (Continued) **U001835738**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A19
Tank ID: 15917
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A20
Tank ID: 15918
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979

SPEEDWAY # 7835 (Continued) **U001835738**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A21
Tank ID: 15919
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A22

SPEEDWAY # 7835 (Continued) **U001835738**

Tank ID: 15920
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None

Tank Number: A23
Tank ID: 15921
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

SPEEDWAY # 7835 (Continued) **U001835738**

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A24
Tank ID: 15922
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

UST:
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A25
Tank ID: 15923
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

SPEEDWAY # 7835 (Continued) **U001835738**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A26
Tank ID: 15924
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A27
Tank ID: 15925
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

SPEEDWAY # 7835 (Continued) **U001835738**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A28
Tank ID: 15926
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A29
Tank ID: 15927
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground

SPEEDWAY # 7835 (Continued) **U001835738**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A30
Tank ID: 15928
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Tank Number: A31
Tank ID: 15929
Tank Status: Closed - In Place

SPEEDWAY # 7835 (Continued) **U001835738**

Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A32
Tank ID: 15930
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

SPEEDWAY # 7835 (Continued) **U001835738**

A00 - Tank Internal Protection - None

Tank Number: A33
Tank ID: 15931
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A34
Tank ID: 15932
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

SPEEDWAY # 7835 (Continued) **U001835738**

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A35
Tank ID: 15933
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A36
Tank ID: 15934
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

SPEEDWAY # 7835 (Continued) **U001835738**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A37
Tank ID: 15935
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A38
Tank ID: 15936
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

SPEEDWAY # 7835 (Continued) **U001835738**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A39
Tank ID: 15937
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None

Tank Number: A40
Tank ID: 15938
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

SPEEDWAY # 7835 (Continued) **U001835738**

Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A41
Tank ID: 15939
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

SPEEDWAY # 7835 (Continued) **U001835738**

Tank Number: A42
Tank ID: 15940
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A43
Tank ID: 15941
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

SPEEDWAY # 7835 (Continued) **U001835738**

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A44
Tank ID: 15942
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

I61 **PRESIDENT STREET** **NY Spills** **S104653744**
WSW **BETWEEN 3RD AVENUE/NEVINS** **N/A**
< 1/8 **BROOKLYN, NY**
0.080 mi.
422 ft. **Site 1 of 19 in cluster I**

Relative:
Lower

Actual:
14 ft.

SPILLS:
Name: PRESIDENT STREET
Address: BETWEEN 3RD AVENUE/NEVINS
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0003302 / 2003-05-05
Facility ID: 0003302
Facility Type: ER
DER Facility ID: 195452
Site ID: 237235
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 2000-06-15
Investigator: MXTIPPLE

PRESIDENT STREET (Continued) **S104653744**

Referred To:	Not reported
Reported to Dept:	2000-06-16
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-06-16
Spill Record Last Update:	2003-05-05
Spiller Name:	TOM
Spiller Company:	BASIN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LORI TOTILLO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 5/5/03 tipple update/ street spill nearly 3 years old. closed"
Remarks:	"CALLER STATES HER DAUGHTER WAS RIDING HER BIKE AND SLIPPED ON TRANSFORMER OIL - SHE CALLED THE COMPANY FROM THE NAME ON THE DUMPSTER AND THEY WERE GOING TO TAKE CARE IT BUT HAVE NOT YET. "

All Materials:

Site ID:	237235
Operable Unit ID:	825514
Operable Unit:	01
Material ID:	555817
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J62 **CON EDISON** **PA MANIFEST** **S123093388**
SE **226 4TH AVE** **PA MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.082 mi.
432 ft. **Site 1 of 8 in cluster J**

Relative:
Higher

Actual:
25 ft.

Manifest Details:

Year:	2017
Manifest Number:	010427666FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP005107812
Generator Date:	07/07/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported

CON EDISON (Continued) **S123093388**

TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	300
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

J63 **MERIT GASOLINE STATIONS** **EDR Hist Auto** **1021162621**
ESE **210 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.083 mi.
436 ft. **Site 2 of 8 in cluster J**

Relative: **Higher**

EDR Hist Auto:

Actual: **26 ft.**

Year:	Name: / Type:
1994:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1995:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1996:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1997:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1998:	MERIT OIL CORPORATION / Gasoline Service Stations
1999:	MERIT OIL CORPORATION / Gasoline Service Stations
2000:	MERIT OIL CORPORATION / Gasoline Service Stations
2001:	AMERADA HESS CORPORATION / Gasoline Service Stations
2002:	AMERADA HESS CORPORATION / Gasoline Service Stations
2003:	AMERADA HESS CORPORATION / Gasoline Service Stations

J64 **B M T STOP DRY CLEANERS INC** **EDR Hist Cleaner** **1019933779**
SE **230 4TH AVE STE B** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.083 mi.
440 ft. **Site 3 of 8 in cluster J**

Relative: **Higher**

EDR Hist Cleaner:

Actual: **25 ft.**

Year:	Name: / Type:
1997:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
1998:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
1999:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2000:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2001:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2002:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2003:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2004:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2005:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2006:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2007:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs

B M T STOP DRY CLEANERS INC (Continued) **1019933779**

2008: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2009: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2010: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2011: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2012: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2013: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2014: B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs

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F65 **A & A BRAKE CO INC** **NY UST** **U003740198**
NW **560 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.084 mi.
443 ft. **Site 3 of 4 in cluster F**

Relative: **Lower**
Actual: **11 ft.**

UST:
Name: A & A BRAKE CO INC
Address: 560 SACKETT STREET
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-604492 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 05/04/2015
UTM X: 585655.75898
UTM Y: 4503665.63198
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:
Site Id: 26364
Affiliation Type: Facility Owner
Company Name: GERALD P. ABATEMARCO
Contact Type: PRESIDENT
Contact Name: GERALD P. ABATEMARCO
Address1: 560 SACKETT ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Site Id: 26364
Affiliation Type: Mail Contact
Company Name: A&A BRAKE SERVICE
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: 224 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported

A & A BRAKE CO INC (Continued) **U003740198**

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-05-20

Site Id: 26364
Affiliation Type: Facility Operator
Company Name: A & A BRAKE CO INC
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Site Id: 26364
Affiliation Type: Emergency Contact
Company Name: GERALD P. ABATEMARCO
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Tank Info:

Tank Number: 001
Tank ID: 57989
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 275
Install Date: 01/01/1988
Date Tank Closed: 04/15/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: C

A & A BRAKE CO INC (Continued) **U003740198**

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
B02 - Tank External Protection - Original Sacrificial Anode
G04 - Tank Secondary Containment - Double-Walled (Underground)

F66 **A & A BRAKE CO INC** **NY AST** **A100349510**
NW **560 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.084 mi.
443 ft. **Site 4 of 4 in cluster F**

Relative: **Lower**

Actual: **11 ft.**

AST:
Name: A & A BRAKE CO INC
Address: 560 SACKETT STREET
City,State,Zip: BROOKLYN, NY 11217
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604492
Program Type: PBS
UTM X: 585655.75898
UTM Y: 4503665.63198
Expiration Date: 05/04/2015
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:
Site Id: 26364
Affiliation Type: Facility Owner
Company Name: GERALD P. ABATEMARCO
Contact Type: PRESIDENT
Contact Name: GERALD P. ABATEMARCO
Address1: 560 SACKETT ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Site Id: 26364
Affiliation Type: Mail Contact
Company Name: A&A BRAKE SERVICE

A & A BRAKE CO INC (Continued) **A100349510**

Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: 224 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-05-20

Site Id: 26364
Affiliation Type: Facility Operator
Company Name: A & A BRAKE CO INC
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Site Id: 26364
Affiliation Type: Emergency Contact
Company Name: GERALD P. ABATEMARCO
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Tank Info:

Tank Number: 002
Tank Id: 233064
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A & A BRAKE CO INC (Continued) **A100349510**

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
D00 - Pipe Type - No Piping
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/17/2009
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

J67 **4TH & SACKETT STREET** **NY LTANKS** **S105053980**
ESE **4TH & SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.085 mi.
447 ft. **Site 4 of 8 in cluster J**

Relative: **Higher**
Actual: **26 ft.**

LTANKS:

Name:	4TH & SACKETT STREET
Address:	4TH & SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9113310 / 1994-08-03
Facility ID:	9113310
Site ID:	221268
Spill Date:	1992-03-31
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	1994-08-03
SWIS:	2401
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1992-03-31
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

4TH & SACKETT STREET (Continued) **S105053980**

Remediation Phase: 0
Date Entered In Computer: 1992-04-07
Spill Record Last Update: 1994-08-03
Spiller Name: Not reported
Spiller Company: MERIT GAS STA.
Spiller Address: 4TH & SACKETT ST.
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 182999
DEC Memo: ""
Remarks: "WILL E.I.R., ALSO REG. UNLEADED PRODUCT LINE FAILED AT SAME LOCATION, LEAK RATE = .112 GPH."

All TTF:
Facility ID: 9113310
Spill Number: 9113310
Spill Tank Test: 1539808
Site ID: 221268
Tank Number: Not reported
Tank Size: 0
Material: 0022
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 221268
Operable Unit ID: 964072
Operable Unit: 01
Material ID: 414820
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

I68 **CON EDISON** **NY MANIFEST** **S119078278**
SW **284 THIRD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.085 mi.
447 ft. **Site 2 of 19 in cluster I**

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	284 THIRD AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004974760
Facility Status:	Not reported
Location Address 1:	284 THIRD AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004974760
Mailing Name:	CON EDISON
Mailing Contact:	THERESA BURKARD
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	09/07/2016
Trans1 Recv Date:	09/07/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/08/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004974760
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	008166434FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119078278**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: Not reported
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: B007
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

I69 **CON EDISON** **NY MANIFEST** **S118954154**
SW **284 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.085 mi.
447 ft. **Site 3 of 19 in cluster I**

Relative: **Higher**
Actual: **18 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 284 3RD AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004959132
Facility Status: Not reported
Location Address 1: 284 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004959132
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported

CON EDISON (Continued) **S118954154**

Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 08/26/2016
Trans1 Recv Date: 08/26/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/29/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004959132
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980593636
TSDF ID 2: Not reported
Manifest Tracking Number: 008166531FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 200
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: Not reported
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: B007
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

I70 West < 1/8 0.086 mi. 455 ft. | **473 PRESIDENT LLC - BCP SITE #C224318**
514 UNION ST
BROOKLYN, NY 11215
Site 4 of 19 in cluster I

Database(s): RCRA-LQG
EDR ID Number: 1027099640
EPA ID Number: N/A

Relative: Lower
Actual: 12 ft.

RCRA-LQG:

Date Form Received by Agency:	20211101
Handler Name:	473 PRESIDENT LLC - BCP SITE #C224318
Handler Address:	514 UNION ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000253203
Contact Name:	COLIN MCLEAN
Contact Address:	UNION ST
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	646-828-3588
Contact Fax:	Not reported
Contact Email:	COLIN@AVERYHALLINVESTMENTS.COM
Contact Title:	AUTHORIZED SIGNATORY
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	E 12TH ST 7TH FLR
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	473 PRESIDENT LLC
Owner Type:	Private
Operator Name:	473 PRESIDENT LLC
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

473 PRESIDENT LLC - BCP SITE #C224318 (Continued) **1027099640**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20211105
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 473 PRESIDENT LLC
Legal Status: Private
Date Became Current: 20190905
Date Ended Current: Not reported
Owner/Operator Address: 51 E 12TH ST 7TH FLR
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 646-828-3588

473 PRESIDENT LLC - BCP SITE #C224318 (Continued) **1027099640**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JESSE@AVERYHALLINVESTMENTS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: 473 PRESIDENT LLC
Legal Status: Private
Date Became Current: 20190905
Date Ended Current: Not reported
Owner/Operator Address: 51 E 12TH ST 7TH FLR
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 646-828-3588
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JESSE@AVERYHALLINVESTMENTS.COM

Historic Generators:
Receive Date: 20211101
Handler Name: 473 PRESIDENT LLC - BCP SITE #C224318
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I71 **514 UNION STREET** **NY BROWNFIELDS** **S127750694**
West **514 UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.086 mi.
455 ft. **Site 5 of 19 in cluster I**

Relative:
Lower

Actual:
12 ft.

BROWNFIELDS:
Name: 514 UNION STREET
Address: 514 UNION STREET
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 615885
Acres: 0.390
HW Code: C224318
SWIS: 2401

514 UNION STREET (Continued) **S127750694**

Town: New York City
Record Added Date: 01/21/2021
Record Updated Date: 06/07/2021
Update By: AMSERVIS
Site Description: "Location: The approximately 0.39-acre site is located in an urban area in the Gowanus neighborhood of Brooklyn, New York, and consists of a one-story brick building occupied by the Royal Palms Shuffleboard Club. The site is located at 514 Union Street and is located at the northern portion of Brooklyn Borough Tax Block 440, Lot 12. The south-adjoining property (p/o Lot 1; formerly the southern portion of Lot 12) is in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) (BCP Site No. C224220). The east- and west-adjoining parcels are also in the NYSDEC BCP (BCP Site No. C224309). A lot merger application (RP-602 included) was approved by the New York City (NYC) Department of Finance (DOF) on 5 February 2020 to merge former Lots 1, 21, 23 to 26, 47, 48, and the portion of former Lot 12 that comprises BCP Site No. C224220 into new Lot 1. The property at 514 Union Street remained Lot 12. The site is located on the block bound by Union Street to the north, 3rd Street to the east, President Street to the south, and Nevins Street to the west. Surrounding properties include single- and multi-story buildings occupied by industrial, commercial and residential occupants. The Gowanus Canal (a National Priorities List [NPL] site) is located about 375 feet west of the site. Site Features: The site is improved with a one-story brick building occupied by The Royal Palms Shuffleboard Club. Current Zoning and Land Use: The site is located in an M1-2 manufacturing zoning district. M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale and storage facilities. Offices, hotels and most retail uses are also permitted in M1 districts. The 30 January 2019 draft Gowanus zoning proposal by the NYC Department of City Planning (DCP), if approved, would rezone the site to a mixed-use district that permits residential uses (M1(3)/R7A). Past and Current Use of the Site: The site has be occupied by commercial and industrial facilities since as early a 1886. The site is currently occupied by The Royal Palms Shuffleboard Club. The historical and current site uses include: The Royal Palms Shuffleboard Club (2014 present); Manufacturing and Storage (1993 2007); Dolin Metal Manufacturing Co. (1969 1992); Coca-Cola Bottling Co. of NY (1938 1950); Albro J. Newton Co. Trim and Planning Mill (1904 1915); Kenyon and Newton Sash and Door Factory (1886). Site Geology and Hydrogeology: Soil and bedrock stratigraphy throughout Brooklyn typically consists of a layer of historic fill material that overlies glacial till, decomposed unconsolidated bedrock, and bedrock. The United State Geological Survey (USGS) Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey indicate the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Based on a previous Langan geotechnical study, bedrock was encountered at about 200 feet below grade surface (bgs) at property located 250 feet northwest of the site. A subsurface investigation has not been conducted at the site, however, subsurface investigations have been conducted at adjoining sites, which now comprise Lot 1. The stratigraphy of the surrounding sites consists of historic fill material underlain by native soil generally

514 UNION STREET (Continued) **S127750694**

characterized as fine- to medium-grained sand with varying amounts of silt, clay, and gravel. Historic fill material, characterized as unconsolidated, fine- to medium-grained sand with varying amounts of gravel, brick, coal, concrete, asphalt, coal ash, wood, glass, slag, organics, tar-like material, white ashy material, and silt, was encountered beneath the surface cover to depths ranging from about 6 to 14 feet bgs. Bedrock was not encountered. "

Env Problem: "Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mike Racioppo
Owner Company: Brooklyn Community Board 6
Owner Address: 250 Baltic Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jesse Wark
Owner Company: 473 President LLC
Owner Address: c/o Avery Hall Investments
Owner Addr2: 51 East 12th Street, 7th Floor
Owner City,St,Zip: New York, NY 10003
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jesse Wark
Owner Company: 473 President LLC
Owner Address: c/o Avery Hall Investments
Owner Addr2: 51 East 12th Street, 7th Floor
Owner City,St,Zip: New York, NY 10003
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: John Leighton
Owner Company: Brooklyn Public Library - Carroll Gardens Branch
Owner Address: 396 Clinton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 12231
Owner Country: United States of America

514 UNION STREET (Continued) **S127750694**

HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

K72 **76 5TH AVE HOUSING DVLPT FUND** **EDR Hist Auto** **1021143458**
ENE **621 DEGRAW ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.087 mi.
459 ft. **Site 1 of 10 in cluster K**

Relative: EDR Hist Auto:
Higher

Actual: **25 ft.**

Year:	Name: / Type:
2011:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2012:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2013:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2014:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations

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J73 **NYCT - UNION STATION R LINE** **RCRA NonGen / NLR** **1005905708**
SE **UNION ST & 4TH AVE** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.091 mi.
478 ft. **Site 5 of 8 in cluster J**

Relative: RCRA NonGen / NLR:
Higher

Actual: **26 ft.**

Date Form Received by Agency:	20070101
Handler Name:	NYCT - UNION STATION R LINE
Handler Address:	UNION ST & 4TH AVE
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000107938
Contact Name:	JAMES CRANDALL
Contact Address:	JAY ST ROOM 819
Contact City,State,Zip:	BROOKLYN, NY 11201
Contact Telephone:	718-243-4581
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	JAY ST ROOM 819
Mailing City,State,Zip:	BROOKLYN, NY 11201
Owner Name:	NEW YORK CITY TRANSIT

NYCT - UNION STATION R LINE (Continued) **1005905708**

Owner Type: Other
Operator Name: NEW YORK CITY TRANSIT
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No

NYCT - UNION STATION R LINE (Continued) **1005905708**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: Other
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 370 JAY ST ROOM 819
Owner/Operator City,State,Zip: BROOKLYN, NY 11201
Owner/Operator Telephone: 718-243-4581
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 370 JAY ST ROOM 819
Owner/Operator City,State,Zip: BROOKLYN, NY 11201
Owner/Operator Telephone: 718-243-4581
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: Other
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 370 JAY ST ROOM 819
Owner/Operator City,State,Zip: BROOKLYN, NY 11201
Owner/Operator Telephone: 718-243-4581
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYCT - UNION STATION R LINE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

NYCT - UNION STATION R LINE (Continued) **1005905708**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCT - UNION STATION R LINE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020717
Handler Name: NYCT - UNION STATION R LINE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYCTA UNION STREET STATION RR LINE
Address: UNION ST & 4TH AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000107938
Facility Status: Not reported
Location Address 1: UNION AND 4TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201

NYCT - UNION STATION R LINE (Continued) **1005905708**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000107938
Mailing Name: NYCTA UNION STREET STATION RR LINE
Mailing Contact: PETER
Mailing Address 1: 370 JAY STREET RM 819
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7182434227

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJR986628162
Trans2 State ID: Not reported
Generator Ship Date: 08/05/2015
Trans1 Recv Date: 08/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/05/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000107938
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 008274845FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1

NYCT - UNION STATION R LINE (Continued) **1005905708**

Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

J74 **UNION ST STATION-NYCT** **NY Spills** **S105141223**
SE **UNION ST/4TH AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.091 mi.
478 ft. **Site 6 of 8 in cluster J**

Relative: **Higher**
Actual: **26 ft.**

SPILLS:

Name:	UNION ST STATION-NYCT
Address:	UNION ST/4TH AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0104798 / 2004-02-05
Facility ID:	0104798
Facility Type:	ER
DER Facility ID:	116228
Site ID:	135360
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-08-03
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2001-08-03
CID:	211
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-08-03
Spill Record Last Update:	2005-03-17
Spiller Name:	PETER HAID
Spiller Company:	HESS (FORMER MERITT)
Spiller Address:	204-222 4TH AVENUE
Spiller Company:	001
Contact Name:	GEORGE BASSIL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Fingerprint indicates diesel. Seep almost directly under Hess station #32530 (Sacket), 204-222 Fourth Avenue, Bk Spill # 96-05719. See also 0201876. July 3, 2003 investigation report recieved. Contamination discovered around old remote fills, which are directly over the utility closet in the subway the is being impacted. Hess to install well and perform pilot to develop a RAP. HESS HAS TAKEN RESPONSIBILITY FOR THE IMPACT TO THE SUBWAY TUNNEL. T FOR THE SPILL WILL BE CONTINUED WITH THE REST OF # 96-05719.a"

UNION ST STATION-NYCT (Continued) **S105141223**

Remarks: "spill seepage from outside source into train station no clean up"

All Materials:
Site ID: 135360
Operable Unit ID: 841541
Operable Unit: 01
Material ID: 552747
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

L75 **BIG CITY AUTO PARTS** **NY Spills** **S111239216**
East **196 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.091 mi.
483 ft. **Site 1 of 6 in cluster L**

Relative: **Higher**
Actual: **26 ft.**

SPILLS:
Name: BIG CITY AUTO PARTS
Address: 196 4TH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1108073 / 2011-12-01
Facility ID: 1108073
Facility Type: ER
DER Facility ID: 410358
Site ID: 455789
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 2011-09-23
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 2011-09-23
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2011-09-23
Spill Record Last Update: 2011-12-01
Spiller Name: HENRY CHEN
Spiller Company: UNK
Spiller Address: 196 4TH AVE
Spiller Company: 999
Contact Name: HENRY CHEN
DEC Memo: "09/29/11-Henry Chen from DEP responded to this site. he said fisrt

BIG CITY AUTO PARTS (Continued) **S111239216**

hours there was spill because the fire keept going on for many hours. The Fire Departemt washed out the spill to the sewer. He said the cause of the spill is being investigated by the Fire Marshal. Henry Chen xichen@dep.nyc.com 11/28/11-Zhune spoke to Kenny Silver the owner of Big City Auto Parts. He said there was no spill at this site. Fire was electrical fire. Fire started on second floor. The chemicals(motor oil, antifreeze, window wash, transmission fluid, car waxes, hand cleaners) were on first floor. The insurance compa the chemicals. Fire affected second floor and the roof. 12/01/2011-Zhune visited the site spoke to Edward Mendez (General Contractor) from Daken Auto supply. he said floor on second floor was solid concrete floor. There are couple of drains inside on first floor conected to the sewer. spill closed. "

Remarks: "Building on Fire at this time - Automotive Fluid mixed in with Fire Dept residue -"

All Materials:

Site ID:	455789
Operable Unit ID:	1205938
Operable Unit:	01
Material ID:	2202926
Material Code:	9999
Material Name:	other - automotive fluids
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

G76 **280 DOUGLAS ST/PENSKE** **NY LTANKS** **S102671834**
NNE **280 DOUGLAS ST/PENSKE** **N/A**
< 1/8 **BROOKLYN, NY**
0.093 mi.
492 ft. **Site 2 of 5 in cluster G**

Relative: **Higher**
Actual: **21 ft.**

LTANKS:

Name:	280 DOUGLAS ST/PENSKE
Address:	280 DOUGLAS ST/PENSKE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9112095 / 1992-03-03
Facility ID:	9112095
Site ID:	280189
Spill Date:	1992-02-25
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1992-03-03
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1992-02-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False

280 DOUGLAS ST/PENSKE (Continued) **S102671834**

Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-03-02
Spill Record Last Update: 1992-03-04
Spiller Name: Not reported
Spiller Company: OIL INDUSTRIAL LTD CO
Spiller Address: 336 9TH ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 227495
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER "
Remarks: "CONTAINED ON PAVEMENT. 1 GALLON TO STORM DRAIN, POSSIBLY. NYCFD ON SITE, NYCDEP NOTIFIED."

All Materials:
Site ID: 280189
Operable Unit ID: 965689
Operable Unit: 01
Material ID: 417082
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: G
Recovered: .00
Oxygenate: Not reported

G77 **RYDER TRUCK RENTAL INC** **RCRA NonGen / NLR** **1004756768**
NNE **280 DOUGLAS ST** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11217** **FINDS**
0.093 mi. **NY MANIFEST**
492 ft. **Site 3 of 5 in cluster G**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: RYDER TRUCK RENTAL INC
Handler Address: 280 DOUGLAS ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD981567431
Contact Name: GERALD GASPARRINI
Contact Address: DOUGLAS ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: 718-694-9873
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: DOUGLAS ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: 280 INC
Owner Type: Private
Operator Name: 280 INC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 280 INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 129 DUTCHESS BLVD
Owner/Operator City,State,Zip: ATLANTIC BEACH, NY 11509
Owner/Operator Telephone: 516-239-5831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 280 INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 129 DUTCHESS BLVD
Owner/Operator City,State,Zip: ATLANTIC BEACH, NY 11509
Owner/Operator Telephone: 516-239-5831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 280 INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 129 DUTCHESS BLVD
Owner/Operator City,State,Zip: ATLANTIC BEACH, NY 11509
Owner/Operator Telephone: 516-239-5831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Historic Generators:
Receive Date: 19950519
Handler Name: RYDER TRUCK RENTAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: RYDER TRUCK RENTAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: RYDER TRUCK RENTAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19951027
Handler Name: RYDER TRUCK RENTAL INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004411388

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ECHO:
Envid: 1004756768
Registry ID: 110004411388
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004411388
Name: RYDER TRUCK RENTAL INC
Address: 280 DOUGLAS ST
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: PENSKE TRUCK LEASING CO
Address: 280 DOUGLAS ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYD981567431
Facility Status: Not reported
Location Address 1: 280 DOUGLASS ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981567431
Mailing Name: PENSKE TRUCK LEASING CO
Mailing Contact: PENSKE TRUCK LEASING CO
Mailing Address 1: 280 DOUGLASS ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Mailing Country: USA
Mailing Phone: 7187974091

G78 **RYDER TRUCK RENTAL, INC.** **NY UST** **U003030983**
NNE **280 DOUGLASS STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.093 mi.
492 ft. **Site 4 of 5 in cluster G**

Relative:
Higher

Actual:
21 ft.

UST:
Name: RYDER TRUCK RENTAL, INC.
Address: 280 DOUGLASS STREET
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-333352 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585879.40720
UTM Y: 4503731.50735
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 15813
Affiliation Type: Facility Owner
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 405A OAKWOOD ROAD
Address2: Not reported
City: HUNTINGTON STATION
State: NY
Zip Code: 11746
Country Code: 001
Phone: (516) 271-8686
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15813
Affiliation Type: Mail Contact
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: 280 DOUGLAS STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Site Id: 15813
Affiliation Type: Facility Operator
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15813
Affiliation Type: Emergency Contact
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 20764
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 002
Tank ID: 20765
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 20766
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 20767
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 005
Tank ID: 20768
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 20769
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: 06/01/1939
Date Tank Closed: 12/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

G79 **280 DOUGLAS ST** **NY LTANKS** **S101341149**
NNE **280 DOUGLAS STREET** **NY Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.093 mi.
492 ft. **Site 5 of 5 in cluster G**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Name:	280 DOUGLAS ST
Address:	280 DOUGLAS STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9410669 / 1995-03-10
Facility ID:	9410669
Site ID:	160988
Spill Date:	1994-11-10
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1995-03-10
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1994-11-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-12-08
Spill Record Last Update:	1995-04-17
Spiller Name:	Not reported
Spiller Company:	PENSKE TRUCK
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	105739
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER "
Remarks:	"TO EX-TANK AFTER PUMPING OUT"

All TTF:

Facility ID:	9410669
Spill Number:	9410669
Spill Tank Test:	1543335
Site ID:	160988
Tank Number:	Not reported
Tank Size:	0
Material:	0022
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00

280 DOUGLAS ST (Continued) **S101341149**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 160988
Operable Unit ID: 1008534
Operable Unit: 01
Material ID: 376536
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: 280 DOUGLAS ST
Address: 280 DOUGLAS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9415530 / 1995-03-01
Facility ID: 9415530
Facility Type: ER
DER Facility ID: 105739
Site ID: 160989
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 2401
Spill Date: 1995-02-28
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1995-02-28
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1995-03-01
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-04-20
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: WHALECO FUEL
Spiller Address: 1 COFFEY ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE "
Remarks: "BAD GAUGE WHEN FILLING - PRODUCT VENTED ONTO THE ROOF OF THE

280 DOUGLAS ST (Continued) **S101341149**

BUILDING. 7-10 PEOPLE FROM WHALECO FUEL THERE NOW TO CLEAN UP. PETROLEEUM TANK CLEANERS WAS UP ON ROOF."

All Materials:
Site ID: 160989
Operable Unit ID: 1008973
Operable Unit: 01
Material ID: 370713
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 40.00
Units: G
Recovered: 40.00
Oxygenate: Not reported

Name: 280 DOUGLAS STREET
Address: 280 DOUGLAS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9415539 / 1995-02-28
Facility ID: 9415539
Facility Type: ER
DER Facility ID: 105739
Site ID: 121831
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 2401
Spill Date: 1995-02-28
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1995-02-28
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: 1995-02-28
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-04-20
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: WHALECO
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE "
Remarks: "VENT LINE OVERFILLED DUE TO BAD GAUGE"

All Materials:
Site ID: 121831
Operable Unit ID: 1008983

280 DOUGLAS ST (Continued) **S101341149**

Operable Unit: 01
Material ID: 370722
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 40.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 280 DOUGLAS STREET
Address: 280 DOUGLAS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9310083 / 1993-11-18
Facility ID: 9310083
Facility Type: ER
DER Facility ID: 105739
Site ID: 121830
DEC Region: 2
Spill Cause: Human Error
Spill Class: C3
SWIS: 2401
Spill Date: 1993-11-18
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1993-11-18
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1993-11-18
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-11-19
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: WHALECO OIL CO.
Spiller Address: 1 COFFEY ST.
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "DRIVER HOOKED UP TO THE WRONG TANK. WHALECO USED SPEEDY DRY AND SORBENTS TO CLEAN IT UP. NO CALL BACK."

All Materials:
Site ID: 121830
Operable Unit ID: 991794
Operable Unit: 01
Material ID: 392716
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum

280 DOUGLAS ST (Continued) **S101341149**

Quantity: 15.00
Units: G
Recovered: .00
Oxygenate: Not reported

H80 **PROCIDA REALTY** **NY Spills** **S107782960**
SSW **505 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.094 mi.
497 ft. **Site 2 of 9 in cluster H**

Relative: **Higher**

Actual: **20 ft.**

SPILLS:
Name: PROCIDA REALTY
Address: 505 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0602894 / 2008-10-20
Facility ID: 0602894
Facility Type: ER
DER Facility ID: 315605
Site ID: 365475
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 2006-06-15
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 2006-06-15
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2006-06-15
Spill Record Last Update: 2008-10-20
Spiller Name: MARIO PROCIDA
Spiller Company: PROCIDA REALTY
Spiller Address: 505 CARROLL STREET
Spiller Company: 001
Contact Name: MARIO PROCIDA
DEC Memo: "Sangesland spoke to Marc Califano at Galli Engineering. The building was just purchased and the new owner wanted some work done in the basement. Soil borings were taken through the basement floor and groundwater was found with a sheen on it. They believe there is a 500 gal UST under the floor. This will be investigated in the next couple of days. CSL was sent out to Mr. Mario Procida (owner) 7/14/06 - Raphael Ketani. I tried calling Mr. Procida (718) 299-7000 and Marc Califano of Galli Engineering (631) 271-9292, but could only leave messages. There is a PBS case #2-602516 showing an active 3000 gal. tank with #2 oil. Mr. Califano called me back. He said that the GPR anomalie turned out to be a very old brick and mortar cesspool with feces and oil on the water, not a tank. He took a sample and sent it

PROCIDA REALTY (Continued) **S107782960**

off to a lab for analysis. Once he gets the results back, he will know what to do with the water and oil. He said there is an AST and they will pressure test it. Presently, there are 6 boilers in this commercial building. Some work and some don't. Mr. Califano will send me a RAP. 7/17/06 - Raphael Ketani. I returned Mr. Procida's call (646) 201-0489, but could only leave a voice mail message describing what Mr. Califano and I talked about last friday, 7/14. 7/31/06 - Raphael Ketani. I received a call from Nick Pressly of Pressly & Associates, Inc. (607) 264-9521. He said that he is the environmental consultant for Mr. Procida. He said that Galli Engineering was working for Mr. Greco, the partner, but Mr. Procida is taking the lead. The company address is: 721 County Highway 54, Cherry Valley, NY, 13320. He mentioned that the building is slated for demolition and the soil is scheduled to be removed in 3 years. He asked whether DEC can wait 3 years for cleanup of the site in order to coordinate the 2 projects. I told him that the Spills Unit can't wait so long and that DEC wants a quick cleanup of the site. He mentioned that there is a 550 gal. UST that is filled with sand at the site, aside from the AST. I told him that soil borings will have to be done around the UST and analytical results sent to the DEC. He said he already had the results and will send them to me. I told him that the AST has to be tested, and if it passes, then I will just need the passing tank test report. If it fails, I told him, then I will need soil sampling around this tank, too. I told him that the water in the cesspool will need to be tested and that all of the information should be in an RAP. Mr. Pressly told me that he will put together an RAP and send it to me. 8/8/06 - Raphael Ketani. I tried calling Mr. Pressly, but could only leave a voice mail. 8/10/06 - Raphael Ketani. Mr. Pressly called me and said that he will send me the documents I need tomorrow. He said the RAP will follow next week. 8/16/06 - Raphael Ketani. I received the Phase I and Phase II Environmental Site Assessment reports yesterday. They were produced by Galli Engineering and were dated 1/5/06 and 4/18/06, respectively. The Phase II report indicates that there are no VOC exceedences for the 6 soil samples, but each soil sample has 7 SVOC exceedences, on average, of TAGM RSCOs. The SVOC exceedences are high for SB-5 and very high for SB-6, but the reason for this is not apparent from the soil descriptions in the report, nor from the soil core pictures. The groundwater results for BW-1 had 4 VOC exceedences and 3 SVOC exceedences, but they were not much above TAGM. 8/17/06 - Raphael Ketani. Mr. Pressly called to find out what DEC wanted in an RAP. I told him that I didn't see the need for soil digging based on the VOC and SVOC results alone. I told him that though the SVOCs were high to very high from SB-5 and SB-6, these were combustion products. Also, I told him that the groundwater contamination was not high enough to justify pumping it. Mr. Pressly added that there are a lot of old pipes in the boiler room which no one knows what they lead to or whether there is any free product in them. Additionally, he said that his contractor has already found oil in a pit he dug. I told Mr. Pressly that for these reasons there should be further investigation. He agreed and said that these items will be in the RAP. 8/28/06 - Raphael Ketani. I reviewed the 8/17/06 RAP from Pressly and Associates, Inc. I found it to be satisfactory. However, there was no mention of sampling the liquid in the cesspool. I will send a response letter requesting that sampling be done. 9/29/06 - Raphael Ketani. Mr. Pressly tried to call me. I returned his call (607) 264-9521, but could only leave a voice mail. Mr. Pressly called me

PROCIDA REALTY (Continued) **S107782960**

back and filled me in on what has been taking place. The progress was: removed 4 layers of laid brick soaked with oil in the center of the area where they're working cesspool was 7' deep, pumped it out and cut and sealed a pipe that was feeding storm water found water 2' below floor tank test was done - vent pipe failed, will repair and retest - if fails, will do boring water and oil keep seeping in - already removed 18 drums full tested 2'X2' test pits around center area - no oil was a sheen on water in test pits - pumped center area and they dried up no idea where oil from - adjacent property? or when bricks laid? if tank found tight after repair, will dig 3 more feet down in center, total of 8 feet, and put in 6 well hit old bricks wall and found everything all black - old coal chute? water could be coming through a path via bricks or structures - don't know will put boring next to tank even if found tight center hole stayed dry for several days, then seeping started with oil and water building uses only gas I suggested to Mr. Pressly to sample oil and water separately and send off to lab for fingerprinting to determine whether water is from water main (high chlorides) and whether oil is #6 from adjacent building using #6. He agreed to do this. I also told him that the solution may be to periodically pump out the water collecting in the well (8' deep pit) until is just water. He said he will think about this as $60,000 has already been spent on the project. 10/25/06 - Raphael Ketani. Mr. Pressly called with an update: boiler room was remediated - filled 20 drums with an oil/water mix dug 7 test pits in the floor under floor was 7 layers of brick enlarged central hole in room to 20 feet to collect more oil dug down 4 feet below water table to facilitate collecting more oil tested the 2400 gal. tank with #2 fuel oil in the next room - pipes from tank to boiler failed badly - couldn't hold any pressure did boring next to tank - had 16 of oil in hole will pump out tank, remove tank and excavate soil as much as possible will submit proposal to Procida for tank emptying, removal, soil excavation and further remediation contractor has to leave to start another job on Rikers Island - I told Mr. Pressly that would be alright as long as things keep moving. He said he will send me an interim report for the work that has already been done. Mr. Pressly said that work will resume in January. 3/9/07 - Raphael Ketani. I tried calling Mr. Pressly (607) 264-9521, but could only leave a voice message. 3/12/07 - Raphael Ketani. Mr. Pressly returned my phone call today. He said that the tank had been cleaned out and will be removed soon. He said that all of the oil contaminated soil and material will be removed. His company was finally paid for all of the work and so the interim report will be sent soon. 4/10/07 - Raphael Ketani. I received the Interim Remediation Report dated 4/4/07 and received by DEC on 4/6/07. The report contained a log for the days that work was done, hand drawn plans for the boiler room at several different stages of boiler and equipment removal and site investigation, color pictures of what was found, analytical results, and a bill from Environmental Closures for all of the debris that was removed. The soil analytical results were for TH-1 to TH-3, and TH-8. TH-2 was completely non-detect, and TH-3 and TH-8 had several hits each, but these were well below the RSCO limits. TH-1 had 6 VOC hits and 2 SVOC hits, but they were all below the RSCOs. 7/25/07 - Raphael Ketani. I tried to call Mr. Pressly (607) 264-9521, but could only leave a message. From my 10/25/06 notes, it was stated by Mr. Pressly that the work will resume in January. 9/28/07 - Raphael Ketani. The tank that was removed is still listed as in service. I received a call from

PROCIDA REALTY (Continued) **S107782960**

Cristine Beaver of Dvirka & Bardilucci Consulting Engineers (516) 364-9890, ext 3056. She said her company is the consulting company for the NYC School Construction Authority and the SCA is thinking of buying the building. She wanted to know the status of the site. She said that she had some records and reports at her office, but it was very confusing. I explained to her what was going on. She said the oil tank has been cleaned out, but it is still there. I called up Mr. Pressly and he said that nothing has happened because he hasn't been involved in the project for a while. I asked him about the cesspool. He said that it wasn't a cesspool, but merely a depression. I asked him about the oil in the holes. He said that it has been removed. He added that only the oil below the leaking tank wasn't removed. He suggested that the owners were looking for a remediation contractor and that I call Ryan Tunstall (718) 299-7000, ext 216 directly. I tried to reach Mr. Tunstall, but could only leave a message. 10/17/07 - Raphael Ketani. I tried to reach Mr. Tunstall, but could only leave a message. I gave him one week to return my call, or else DEC will start to initiate some type of action. I checked the PBS registration. The 3,000 gal. tank is still listed as in service. The following items need to take place: 1) PBS revision to show the tank as removed 2) removal of oil below the former tank location with end point samples 3) removal of oil and contaminated soil and debris that may be remaining at site 10/22/07 - Raphael Ketani. I spoke with Mr. Procida and Sarah Williams (project manager for the development of the site). Mr. Procida asked that DEC hold off 1 year before requiring the removal of the contaminated soil that was below the tank. He said this was because there may be extensive contamination and it would be easier to get it when the building is down (he wants to convert the property to apartment housing). I told him that DEC wont wait so long for the property to be remediated. I told him that the tank has to be registered as removed, the contaminated soil has to be removed and end-points taken. He said that he will get Mr. Pressly to come back and do soil sampling where the tank used to be. If the contamination is not extensive and deep, then he will have it removed very soon. He asked that I give him some time to have the sampling done, the analytical results returned and a determination made as to what will happen. I told him that will be alright. I also told him that any open wells should be checked for more returning oil. He said this will be done. Mr. Pressly (607)264-9521 called me back. He said that Mr. Procida contacted him to do the work of investigating the soil that was under the tank. He said he will put together the proposal to Mr. Procida and that, hopefully, he will be able to start soon. 11/6/07 - Raphael Ketani. I tried to contact Mr. Pressly, but could only leave a message. The tank is still listed as in service. Mr. Pressly called me back. He said that Sarah Williams, the company's attorney, called him and asked for his work proposal. He said that he will correct the PBS and submit his proposal by sometime next week. 11/7/07 - Raphael Ketani. Mr. Pressly (607) 264-9521 called to say that geoprobing will begin at the site on 11/16/07. I received a letter from Sarah Williams, Esq., of 505 Carroll Street Development Group, LLC. Attached to the letter was a copy of tank removal/abandonment affidavit from A.L. Eastmond. 11/15/07 - Raphael Ketani. Mr. Pressly called to say that he filled out the PBS form and was sending it in with a check. 11/20/07 - Raphael Ketani. Mr. Pressly called with an update. He said he put in a boring near the door to the boiler room. He did borings south of the first one and found oil at two locations in the soil at 33' and

PROCIDA REALTY (Continued) **S107782960**

63' away, but not further from the first boring at 114' away. Then he did boring PB-5 and found oil. There was oil at 30' from PB-5, but not at 130' away. The water table is at 3' to 5' below the basement floor. Mr. Pressly said that it's a big, old oil spill - a huge spill - and that the best way to clean it up would be to dig it up after the building is torn down. He said he thought that because of the high water table, the foundation was constraining the oil contamination. I asked him how long will it be before the building is demolished. He said 12 to 18 months. I told him Spills can't wait that long. He said he will talk to the owners of the site and see what their plans are. 12/3/07 - Raphael Ketani. I checked the PBS registration. It still shows the tank as active. 12/14/07 - Raphael Ketani. Today I received a letter report dated 12/11/07 from Pressly & Associates regarding a soil investigation of the site. I reviewed the report. The soil analyticals were below TAGM, with the exception of total xylenes for SB-1. SB-2 was a composite sample. SB-3 was never tested for. SB-4 was broken in transport. 12/17/07 - Raphael Ketani. I tried to contact Mr. Pressly about the report, but could only leave a message. 12/18/07 - Raphael Ketani. I spoke to Mr. Pressly and asked him about the sampling that was performed. He said that SB-3 looked a lot like PB-2 in the soil cores. So he didn't send off a sample for SB-3. I asked him why he did a composite of SB-2 and SB-5. He said that both soil cores looked equally contaminated. I told Mr. Pressly that, in the future, a sample should be sent off from each boring that is done whether or not they look the same during a visual inspection. I told him this is how DEC wants the sampling done. He said he will do this in the future. I told Mr. Pressly that DEC wants the oil to be remediated now, not in 2009. I told him his company can either arrange to have it dug out or do soil treatment. He said that soil treatment would be the preferred method as there are rows of shelves with large heavy fabric rolls in the building. The site is an active fabric warehouse and the rolls can't be moved anywhere. I told him this is fine and to send a remediation plan for DEC approval. He said he will. I sent a letter to Sarah Williams, Esq. explaining that soil remediation has to take place now, not in 2009, and that the tank has to be listed as closed and removed. 12/24/07 - Raphael Ketani. I received a copy of the PBS registration form for the 3000 gal. tank. In an attached letter to me, Ms. Williams stated that the signed form went to Albany PBS. 1/2/08 - Raphael Ketani. I received a FAXed copy of a letter Ms. Williams had sent to Albany DER for registering the tank as removed, along with a change in ownership for the site. This is a response letter to DER returning the PBS application as incomplete. Her original PBS application was returned as it was missing ownership information, the federal tax I.D., the date of tank removal and documentation. 1/8/08 - Raphael Ketani. Mr. Pressly (607) 264-9521 called regarding how many soil samples to take after the soil treatment solution has been injected. He said that he is using RegenOx. The company supplying the chemical told him it takes only 3 weeks to break down the oil. I told him that the longer the chemical is allowed to react, the lower the contamination concentrations will be. He said he will do 6 treatment confirmation borings. I told him that sounded fine. 1/11/08 - Raphael Ketani. Today I received a short cover letter with a copy of the corrected PBS registration attached showing that the 3000 gal. tank is listed as closed and removed. 1/15/08 - Raphael Ketani. I spoke to Mr. Pressly today. He told me that the owner gave the go-ahead to do the RegenOx injecting. The

PROCIDA REALTY (Continued) **S107782960**

owner wants to move things along quickly. So it will happen very soon. He intends to do 1 round of groundwater sampling shortly after the RegenOx is injected. Mr. Pressly also sent me the RAP for the RegenOx injections. The only comment I had was that he should test the soil samples via methods 8260 and 8270, not STARS. 1/24/08 - Raphael Ketani. Mr. Pressly e-mailed me today that soil excavation will start the week of 2/4 (weather contingent). RegenOx will be added to the excavated soil at this time. On 2/28, drilling will begin and so will RegenOx injections. 2/4/08 - Raphael Ketani. I received an e-mail from Mr. Pressly stating that the excavation of the contaminated soil will take place through to the end of the week. Also, he stated that drilling and injection of the solution will take place from 2/25 to 3/7/08. 2/29/08 - Raphael Ketani. Mr. Pressly called to state that solution injection has been taking place all this week and will continue into next week. 3/27/08 - Raphael Ketani. Nick Canonico of NOVA Consulting (718) 343-4440 called to inquire about the site. He said that he was hired by a potential buyer and that he is trying to find out as much as he can about it. I let him know a few of the details regarding the contaminated soil and groundwater. 3/28/08 - Raphael Ketani. Mr. Pressly (607) 264-9521 called me. He said that they will take 6 soil samples during the first week of April to see how well the oil was broken down. He mentioned that they did the first injections at the perimeter of the oil pool in the subsurface and then worked inwards. The injection holes were 10 feet apart. Fifteen thousand gallons of solution were used. When they got to the location of the source, the oil started coming out of the drill holes. However, he said it was not enough to collect. He will start the 6 borings on April 1, 2008. I told him I will be there to see the work at 10AM on April 1. 4/1/08 - Raphael Ketani. I made the scheduled site visit and met Nick Pressly of Pressly & Associates, Inc., and Nick Canonico of NOVA Consulting (cell (516) 244-4069). Mr. Pressly showed me a map he had drawn showing about 80 solution injection points and some refusal points. He showed me around the two level wharehouse that stores rolls of fabric. I could see the white caps of the injection wells. He showed me the area where the tank used to be. There was crystallized RegenOx at this site. He showed me where the soil had been excavated in the boiler room. The work was taking place on the lower level. Mr. Pressly explained that the geoprobe company was coming to do confirmatory soil borings to see how well the RegenOx dissolved the oil. The drilling company arrived and did one boring for Mr. Pressly and I. There were broken up pieces of the concrete floor and about 6 inches of sandy, gravelly soil. The soil was wet and oil stained. The oil odors were strong. Mr. Pressly stated that he will have the crew do about a dozen or so confirmatory borings. I asked him why he was doing the borings after about 4 weeks from the date of injection. He said that RegenOx recommended sampling after 3 or 4 weeks. They told him that the solution looses effectiveness after that time. He said he planned on another round of treatment if the rest of the confirmatory samples looked as bad as this first one. We planned out a few more confirmatory boring locations and after that I left. Mr. Pressly sent me an e-mail later in the day. He stated that the boring he did just outside the lower level garage door entrance was free of product. 4/28/08 - Raphael Ketani. Mr. Pressly called to say that the second round of treatment solution injections took place last friday, 4/25/08. He said that he double dosed the worst areas - next to the tank pit and next to the elevators. The injection process was

PROCIDA REALTY (Continued) **S107782960**

successful. 5/21/08 - Raphael Ketani. Mr. Pressly sent me an e-mail that the confirmatory soil sampling round for the second round of treatment solution injections will start on 5/27/08. He also asked for an approval letter for the 1/14/08 RAP that DEC said was approved via an e-mail. I sent the approval letter today. 5/27/08 - Raphael Ketani. Mr. Canonico called to ask what would close the spill case for DEC. I told him that the soil end point results and the groundwater results would have to be about at the TAGM limits or below. He said that Mr. Pressly is taking the end point samples today. 5/30/08 - Raphael Ketani. Mr. Pressly sent an e-mail today requesting confirmation that DEC wanted groundwater samples to be taken. I responded back that we did want new groundwater samples taken in the worst areas as the last set of groundwater data is from 2006. I told him that data is old and we need to see what the present levels of contamination are in order to have a basis that there is no threat from the groundwater. I also checked the PBS registration (#2-602516). It shows the tank as closed and removed. 6/25/08 - Raphael Ketani. I received an e-mail from Mr. Pressly regarding remediation progress at the site. The e-mail stated that on 5/27/08, two soil samples from the eastern side of the plume exceeded TAGM limits. They vacuumed out free product from the eastern wells that are in the vicinity of the former tank location and did a third round of RegenOx injections. The free product didn't return during the week. Mr. Pressly recommended doing another round of confirmatory soil borings within the eastern plume and groundwater sampling. I concurred in my response e-mail that DEC approves the additional sampling. I spoke to Mr. Pressly (607) 264-9521. He said that they will go back on 7/17/08 to collect new soil samples and groundwater samples. 7/14/08 - Raphael Ketani. Mr. Pressly called today. He said that it's been a month since the third round of treatment solution injections took place. So they will do confirmatory soil sampling in the former tank on friday. He said that they had injected 5000 gal. of solution and they believe the contamination is below TAGM now. 7/23/08 - Raphael Ketani. Yesterday Mr. Pressly sent me the analytical results for the third treatment round confirmatory soil samples and one groundwater sample. I reviewed the results. The groundwater sample from Well #64 had hits in the hundreds of ppb for 8 VOCs and 1500 ppb of 2-methylnaphthalene, with 2 other SVOCs in the hundreds of ppb. Samples T-1 and T-2 had results that were below TAGM. Sample T-3 had 4 VOC hits up to 30,000 ppb, and a 2-methylnaphthalene hit of 115,000 ppb. I sent Mr. Pressly a letter stating that more water should be removed from well #64 and that another treatment is necessary for the soil at T-3. 8/1/08 - Raphael Ketani. David Sweeney of PDS Carroll Street, LLC called me up (718) 768-6726. He said that his company just bought the property. He said that they buy commercial/industrial properties and preserve the structures without developing them. He said that his company is in contact with Mr. Pressley and they are pursuing the cleanup of the site, as per DEC's instructions. 8/27/08 - Raphael Ketani. Today I received the 8/25/08 Remedial Action Plan which was produced by Pressly & Associates and submitted by Sarah Williams, counsel for Procida Realty. The plan gave a history of the installation of the solution injections wells and the levels of soil contamination that were found after each round of treatment. The report concluded by stating that a fourth round of soil treatment will be conducted within the former tank area, and that confirmation soil and water samples will be taken after the fourth round. Also, the other

PROCIDA REALTY (Continued) **S107782960**

injection wells that were installed outside the tank area will be abandoned. The report contained manifests for soil that was removed and soil and groundwater analytical results reports for the tank grave sampling, sampling after each treatment round, and a sample of the groundwater. 10/20/08 - Raphael Ketani. I received the analytical report for the groundwater at well #64 and the soil at T-3 (now called S-1). The groundwater had 4 VOC hits in the double digits (up to 97 ppb) and 4 SVOC hits up to 440 ppb of phenanthrene. The only SVOC of significance was naphthalene at 200 ppb. Sample S-1 had 11 combined hits of VOCs and SVOCs. The only exceedences were total xylenes at 1680 ppb. 2-methylnaphthalene was at 11000 ppb, but the RSCO limit is 36,400 ppb. I spoke to Mr. Pressly (607) 264-9521 about the results. I told him that the DEC didn't see the need to do additional work at the site based upon the latest soil and groundwater analyticals. I told him that DEC is closing the spill case. He said that he will send a closer report. I told him that DEC will review it when it is received and E-doc it, but that we are not holding up the closing of the spill case as we feel there is enough information to do a closure right now. He said that he will send the report soon. Based upon all of the sets of analytical results submitted by Pressly & Associates, and the closed PBS case, I am closing the spill case."

Remarks: "FOUND FLOATING PRODUCT IN A 55O GALLON UST TANK:"

All Materials:

Site ID:	365475
Operable Unit ID:	1123492
Operable Unit:	01
Material ID:	2112951
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H81 **505 CARROLL ST.** **NY AST** **A100173503**
SSW **505 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.094 mi.
497 ft. **Site 3 of 9 in cluster H**

Relative: **Higher**

Actual: **20 ft.**

AST:

Name:	505 CARROLL ST.
Address:	505 CARROLL STREET
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-602516
Program Type:	PBS
UTM X:	585746.33907
UTM Y:	4503379.52312
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

505 CARROLL ST. (Continued) **A100173503**

Affiliation Records:

Site Id:	24473
Affiliation Type:	Emergency Contact
Company Name:	505 CARROLL ST. DEVELOPMENT GROUP LLC
Contact Type:	Not reported
Contact Name:	JUSTA VIAFARA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 875-7257
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2008-01-03

Site Id:	24473
Affiliation Type:	Facility Operator
Company Name:	505 CARROLL ST.
Contact Type:	Not reported
Contact Name:	JUSTA VIAFARA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 875-7257
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2008-01-03

Site Id:	24473
Affiliation Type:	Facility Owner
Company Name:	505 CARROLL ST. DEVELOPMENT GROUP LLC
Contact Type:	MEMBER
Contact Name:	MARIO PROCIDA
Address1:	456 E. 173RD ST.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 299-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2008-01-03

Site Id:	24473
Affiliation Type:	Mail Contact
Company Name:	PROCIDA REALTY & CONSTRUCTION
Contact Type:	Not reported
Contact Name:	SARAH WILLIAMS

505 CARROLL ST. (Continued) **A100173503**

Address1:	456 EAST 173RD ST.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 299-7000 234
EMail:	SWILLIAMS@SDSPROCIDA.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2008-01-03

Tank Info:

Tank Number:	1
Tank Id:	50341
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/11/2007
Register:	True
Modified By:	dxliving
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

H82 **CON EDISON** **ECHO** **1018280846**
South **511 CARROLL ST** **FINDS** **N/A**
< 1/8 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.094 mi.
498 ft. **Site 4 of 9 in cluster H**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20150325
Handler Name:	CON EDISON
Handler Address:	511 CARROLL ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004757548

CON EDISON (Continued) **1018280846**

Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No

CON EDISON (Continued) **1018280846**

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1018280846**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067682546

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1018280846
Registry ID: 110067682546
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067682546
Name: CON EDISON
Address: 511 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215

H83 **CON EDISON** **NY MANIFEST** **S118088207**
South **511 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.094 mi.
498 ft. **Site 5 of 9 in cluster H**

Relative: **Higher**
Actual: **22 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 511 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004757548
Facility Status: Not reported
Location Address 1: 511 CARROLL ST.
Code: BP
Location Address 2: MH # 22620
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004757548
Mailing Name: CON EDISON
Mailing Contact: TOM TELLING
Mailing Address 1: 4 IRVING PLACE-15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA

CON EDISON (Continued) **S118088207**

Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 03/25/2015
Trans1 Recv Date: 03/25/2015
Trans2 Recv Date: 03/26/2015
TSD Site Recv Date: 03/26/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004757548
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002660491GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

H84 **CON EDISON** **NJ MANIFEST** **S120669565**
South **511 CARROLL ST** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.094 mi.
498 ft. **Site 6 of 9 in cluster H**

Relative:
Higher

Actual:
22 ft.

NJ MANIFEST:
EPA Id: NYP004757548
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002660491GBF
EPA ID: NYP004757548
Date Shipped: 3/25/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

CON EDISON (Continued) **S120669565**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

M85 **537 SACKETT STREET** **NY Spills** **S110772054**
NW **537 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.099 mi.
522 ft. **Site 1 of 16 in cluster M**

Relative: **Lower**
Actual: **10 ft.**

SPILLS:
Name: 537 SACKETT STREET
Address: 537 SACKETT STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9310522 / 1993-11-30
Facility ID: 9310522
Facility Type: ER
DER Facility ID: 262669
Site ID: 326065
DEC Region: 2
Spill Cause: Human Error
Spill Class: C3
SWIS: 2401
Spill Date: 1993-11-30
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1993-11-30
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 1993-11-30
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-12-01
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "OVER ORDERED - SPILL CONTAINED ON SIDE WALK - SPILL TEAM ENROUTE."

All Materials:
Site ID: 326065
Operable Unit ID: 992239
Operable Unit: 01
Material ID: 393128
Material Code: 0001A

537 SACKETT STREET (Continued) **S110772054**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M86 **ADAMS BOOK CO. INC.** **NY TANKS** **U003764876**
NW **537 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.099 mi.
522 ft. **Site 2 of 16 in cluster M**

Relative: TANKS:
Lower

Actual: Name:	ADAMS BOOK CO. INC.
10 ft. Address:	537 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11217
Facility Id:	2-605467
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	03/23/2021
UTM X:	585643.29176
UTM Y:	4503694.50621

M87 **PARK SLOPE PAINT STRIPPERS INC** **RCRA-SQG** **1012187182**
WNW **553 UNION ST** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215** **NY MANIFEST**
0.099 mi.
524 ft. **Site 3 of 16 in cluster M**

Relative: RCRA-SQG:
Lower

Actual: Date Form Received by Agency:	20091112
11 ft. Handler Name:	PARK SLOPE PAINT STRIPPERS INC
Handler Address:	553 UNION ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000170472
Contact Name:	DEAN CAMENARES
Contact Address:	UNION ST
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-783-4112
Contact Fax:	Not reported
Contact Email:	DEAN@WESTRIPWOOD.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Mailing Address: UNION ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: MICHAEL MARCHITELLO
Owner Type: Private
Operator Name: DEAN CAMENARES
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: DEAN CAMENARES
Legal Status: Private
Date Became Current: 20090901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAEL MARCHITELLO
Legal Status: Private
Date Became Current: 19971001
Date Ended Current: Not reported
Owner/Operator Address: 8512 14TH AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11228
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20091112
Handler Name: PARK SLOPE PAINT STRIPPERS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23832
NAICS Description: PAINTING AND WALL COVERING CONTRACTORS

NAICS Code: 81142
NAICS Description: REUPHOLSTERY AND FURNITURE REPAIR

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20150806
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2STP

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:
Name: PARK SLOPE PAINT STRIPPERS INC
Address: 553 UNION ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000170472
Facility Status: Not reported
Location Address 1: 553 UNION ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000170472
Mailing Name: PARK SLOPE PAINT STRIPPERS INC
Mailing Contact: PARK SLOPE PAINT STRIPPERS INC
Mailing Address 1: 553 UNION ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 12/14/2009
Trans1 Recv Date: 12/14/2009
Trans2 Recv Date: 12/18/2009
TSD Site Recv Date: 12/24/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 004718183JJK

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1350
Units: P - Pounds
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: F002
Waste Code 1_2: Not reported
Waste Code 1_3: D008
Waste Code 1_4: D001
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

NJ MANIFEST:
EPA Id: NYR000170472
Mail Address: UNION ST
Mail City/State/Zip: BROOKLYN, NY 11215
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: DEAN CAMENARES
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 006651124JJK
EPA ID: NYR000170472
Date Shipped: 5/10/2011
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1,200.00 Pounds

Manifest Number: 008758697JJK
EPA ID: NYR000170472
Date Shipped: 3/7/2013
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002 D008 D001
Hand Code: Not reported
Quantity: 2,000.00 Pounds

Manifest Number: 004718397JJK
EPA ID: NYR000170472
Date Shipped: 03/30/2010
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/30/2010
Date Trans2 Transported Waste: 04/02/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/08/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 200 P

Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1500 P

Manifest Number: 006657876JJK
EPA ID: NYR000170472
Date Shipped: 11/03/2010
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/03/2010
Date Trans2 Transported Waste: 11/05/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/10/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F003
Hand Code: H141
Quantity: 900 P

Manifest Number: 008757720JJK
EPA ID: NYR000170472
Date Shipped: 6/4/2012
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Manifest Year: Not reported
Waste Code: F002 D008 F003 D001 D010
Hand Code: Not reported
Quantity: 1,350.00 Pounds

Manifest Number: 006651336JJK
EPA ID: NYR000170472
Date Shipped: 9/1/2011
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1,350.00 Pounds

Manifest Number: 008757563JJK
EPA ID: NYR000170472
Date Shipped: 2/29/2012
TSDF EPA ID: NJD080631369

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002 D008
Hand Code: Not reported
Quantity: 1,350.00 Pounds

Manifest Number: 006651422JJK
EPA ID: NYR000170472
Date Shipped: 11/11/2011
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1,350.00 Pounds

Manifest Number: 004718306JJK
EPA ID: NYR000170472
Date Shipped: 06/14/2010
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/14/2010
Date Trans2 Transported Waste: 06/14/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Date TSDF Received Waste: 06/16/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1450 P

Manifest Number: 008757997JJK
EPA ID: NYR000170472
Date Shipped: 10/25/2012
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002 D008
Hand Code: Not reported
Quantity: 800.00 Pounds

Manifest Number: 008757891JJK
EPA ID: NYR000170472
Date Shipped: 8/14/2012
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002 D008 D001

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Hand Code: Not reported
Quantity: 1,350.00 Pounds

Manifest Number: 006657718JJK
EPA ID: NYR000170472
Date Shipped: 08/17/2010
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/17/2010
Date Trans2 Transported Waste: 08/20/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/24/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1350 P

Manifest Number: 006657957JJK
EPA ID: NYR000170472
Date Shipped: 1/10/2011
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1,350.00 Pounds

Manifest Number: 004718471JJK
EPA ID: NYR000170472
Date Shipped: 05/03/2010
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: NJD080631369
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/03/2010
Date Trans2 Transported Waste: 05/03/2010

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 05/11/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 1350 P

Manifest Number: 008758673JJK
EPA ID: NYR000170472
Date Shipped: 2/13/2013
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F002 D001 D008
Hand Code: Not reported
Quantity: 1,600.00 Pounds

SPILLS:

J88 **UNION STREET SUBWAY** **NY Spills** **S106003793**
SE **UNION ST/4TH AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.100 mi.
526 ft. **Site 7 of 8 in cluster J**

Relative:
Higher

Actual:
27 ft.

Client Plot

SPILLS:
Name: UNION STREET SUBWAY
Address: UNION ST/4TH AV
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0201876 / 2002-05-22
Facility ID: 0201876
Facility Type: ER
DER Facility ID: 116228
Site ID: 65859
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 2002-05-21
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2002-05-21
CID: 282
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

UNION STREET SUBWAY (Continued) **S106003793**

Date Entered In Computer: 2002-05-21
Spill Record Last Update: 2005-07-19
Spiller Name: SAME
Spiller Company: UNKNOWN FOR NOW
Spiller Address: SAME
Spiller Company: 001
Contact Name: TOM CONGDON
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE refer to 01-01798 & 02-01876. "
Remarks: "COMPLAINT STATES THERE IS A OIL LEAKING FROM A CLOSET DOOR IN THE SUBWAY PLATFORM DOWN ONTO THE TRACKS. HAS BEEN DRIPPING FOR A COUPLE OF DAYS.CALL COMPLAINT "

All Materials:
Site ID: 65859
Operable Unit ID: 852842
Operable Unit: 01
Material ID: 523293
Material Code: 9999
Material Name: other -
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

I89 **JO-LEE TRUCKING** **RCRA NonGen / NLR** **1008374454**
SW **463 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.100 mi.
529 ft. **Site 6 of 19 in cluster I**

Relative: **Lower**
Actual: **15 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: JO-LEE TRUCKING
Handler Address: 463 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000131938
Contact Name: ELEANOR RUSSO
Contact Address: CARROLL ST
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: 718-625-1598
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: CARROLL ST
Mailing City,State,Zip: BROOKLYN, NY 11215

JO-LEE TRUCKING (Continued) **1008374454**

Owner Name: NO NAME FOUND
Owner Type: Private
Operator Name: NO NAME FOUND
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No

JO-LEE TRUCKING (Continued) **1008374454**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JO-LEE TRUCKING
Legal Status: Private
Date Became Current: 20040801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Private
Date Became Current: 20040801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO NAME FOUND
Legal Status: Private
Date Became Current: 20040801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ELEANOR RUSSO
Legal Status: Private
Date Became Current: 20040801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: JO-LEE TRUCKING

JO-LEE TRUCKING (Continued) **1008374454**

Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: JO-LEE TRUCKING
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050425
Handler Name: JO-LEE TRUCKING
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48849
NAICS Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J90 **CON EDISON MANHOLE: 2618** **RCRA NonGen / NLR** **1016454185**
SE **4TH & UNION AVE** **FINDS** **N/A**
< 1/8 **BROOKLYN, NY 11215** **ECHO**
0.100 mi. **NY MANIFEST**
529 ft. **Site 8 of 8 in cluster J**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20130704
Handler Name: CON EDISON MANHOLE: 2618
Handler Address: 4TH & UNION AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004318366
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: VING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CON EDISON MANHOLE: 2618 (Continued) **1016454185**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20131227
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130604
Handler Name: CON EDISON MANHOLE: 2618
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130704
Handler Name: CON EDISON MANHOLE: 2618
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

CON EDISON MANHOLE: 2618 (Continued) **1016454185**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056509773

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016454185
Registry ID: 110056509773
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056509773
Name: CON EDISON MANHOLE: 2618
Address: 4TH & UNION AVE
City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
Name: CON EDISON
Address: 4TH & UNION AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004318366
Facility Status: Not reported
Location Address 1: 4TH AVE & UNION ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004318366
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK

CON EDISON MANHOLE: 2618 (Continued) **1016454185**

Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/04/2013
Trans1 Recv Date: 06/04/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/06/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004318366
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002018160GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

L91 **VAULT #5491** **NY Spills** **S104284911**
ESE **SACKETT ST & 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.102 mi.
538 ft. **Site 2 of 6 in cluster L**

Relative: **Higher**
Actual: **27 ft.**

SPILLS:

Name:	VAULT #5491
Address:	SACKETT ST & 4TH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9911109 / 2002-03-28
Facility ID:	9911109
Facility Type:	ER
DER Facility ID:	119759
Site ID:	140231
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-12-20
Investigator:	COMENALE
Referred To:	Not reported
Reported to Dept:	1999-12-20
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-12-20
Spill Record Last Update:	2002-03-28
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PL
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	""
Remarks:	"CALLER REPORTED 1 GALLON SPILL GO FLOOR OF VAULT, CLEANUP TO START SOON. PCB 11PPM. CON ED # 129352"

All Materials:

Site ID:	140231
Operable Unit ID:	1089813
Operable Unit:	01
Material ID:	296578
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K92 **RINALDI RECYCLING CO. INC.** **NY SWF/LF** **S105842419**
East **182 4TH AVE.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.102 mi.
538 ft. **Site 2 of 10 in cluster K**

Relative: **Higher**
Actual: **26 ft.**

SWF/LF:

Name:	RINALDI RECYCLING CO. INC.
Address:	182 4TH AVE.
City,State,Zip:	BROOKLYN, NY 11217
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185226648
Owner Name:	Frank Rinaldi
Owner Type:	Not reported
Owner Address:	182 4th Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Email:	Not reported
Owner Phone:	7185226648
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Regulated medical waste - radiopharmacy
Activity Number:	[24MA9]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

I93 **LINDA TOOL & DIE CORP** **RCRA-VSQG** **1000791081**
SW **459 CARROLL ST** **FINDS** **N/A**
< 1/8 **BROOKLYN, NY 11215** **ECHO**
0.104 mi. **NY MANIFEST**
547 ft. **Site 7 of 19 in cluster I**

Relative: **Lower**
Actual: **14 ft.**

RCRA-VSQG:

Date Form Received by Agency:	20070101
Handler Name:	LINDA TOOL & DIE CORP
Handler Address:	459 CARROLL ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYD987025822
Contact Name:	MIKE DIMARINO
Contact Address:	CARROLL ST
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-522-2066
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

LINDA TOOL & DIE CORP (Continued) **1000791081**

EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: CARROLL ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: MIKE DIMARINO
Owner Type: Private
Operator Name: MIKE DIMARINO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported

LINDA TOOL & DIE CORP (Continued) **1000791081**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MIKE DIMARINO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 459 CARROLL ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-522-2066
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MIKE DIMARINO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 459 CARROLL ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-522-2066
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIKE DIMARINO
Legal Status: Private

LINDA TOOL & DIE CORP (Continued) **1000791081**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 459 CARROLL ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-522-2066
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: LINDA TOOL & DIE CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: LINDA TOOL & DIE CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930114
Handler Name: LINDA TOOL & DIE CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

LINDA TOOL & DIE CORP (Continued) **1000791081**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004499766

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000791081
Registry ID: 110004499766
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004499766
Name: LINDA TOOL & DIE CORP
Address: 459 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
Name: LINDA TOOL & DIE
Address: 459 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYD987025822
Facility Status: Not reported
Location Address 1: 459 CARROLL ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: 1010

NY MANIFEST:
EPAID: NYD987025822
Mailing Name: LINDA TOOL & DIE
Mailing Contact: MICHAEL MARINO
Mailing Address 1: 459 CARROLL ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: 1010
Mailing Country: USA
Mailing Phone: 7185222066

K94 **EMPTY LOT** **NY Spills** **S118951474**
East **639 DEGRAW STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.104 mi.
550 ft. **Site 3 of 10 in cluster K**

Relative: **Higher**

Actual: **26 ft.**

SPILLS:

Name:	EMPTY LOT
Address:	639 DEGRAW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1605774 / 2016-09-08
Facility ID:	1605774
Facility Type:	ER
DER Facility ID:	486348
Site ID:	532332
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2016-09-08
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2016-09-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-09-08
Spill Record Last Update:	2016-09-08
Spiller Name:	ABHARM
Spiller Company:	UNKNOWN
Spiller Address:	4TH AVE CORNOR OD NEGRAW ST
Spiller Company:	999
Contact Name:	ABHARM
DEC Memo:	"09/08/16-Hiralkumar Patel. 10:54 AM:- spoke with Abraham. he mentioned that owner of empty lot at 639 Degraw Street want to buy property at 643 Degraw St. prior to purchase, property owner wanted to conducted a subsurface investigation at 643 Degraw St, but owner of site 643 refused access. as such, borings were installed on site 639, along the eastern boundary towards site 643. as per Abraham, coal, wood, brick and other backfill material noted in subsurface soil. lab results show presence of SVOCs in soil and groundwater samples. no VOCs detected in samples. asked Abraham to sub results and site map including location of borings and sampling depths. received email from Abraham including site map, lab report and copy of geotechnical investigation. three borings were installed and collected two soil and two groundwater samples. no VOCs noted in samples. some SVOCs noted in samples that could be result of backfill material. as per geotechnical report, debris encountered in subsurface consisted of brick, glass, asphalt, concrete, coal and wood. groundwater was found at 11-12 ft bg. case closed based on available information."
Remarks:	"high reading in soil - small amount in ground water clean up pending"

EMPTY LOT (Continued) **S118951474**

Not reported

All Materials:
Site ID: 532332
Operable Unit ID: 1281106
Operable Unit: 01
Material ID: 2286361
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

I95 **CON EDISON - SERVICE BOX 31652** **RCRA-LQG** **1024891092**
WSW **484 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.105 mi.
557 ft. **Site 8 of 19 in cluster I**

Relative: **Lower**

Actual: **12 ft.**

RCRA-LQG:
Date Form Received by Agency: 20180410
Handler Name: CON EDISON - SERVICE BOX 31652
Handler Address: 484 PRESIDENT ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP005072996
Contact Name: ALYSSA SOTTO
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: Not reported
Contact Email: SOTTOA@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2017
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No

CON EDISON - SERVICE BOX 31652 (Continued) **1024891092**

Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20181106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008

CON EDISON - SERVICE BOX 31652 (Continued) **1024891092**

Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170428
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170428
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180410
Handler Name: CON EDISON - SERVICE BOX 31652
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I96
WSW
< 1/8
0.105 mi.
557 ft.

CON EDISON - SERVICE BOX 31652
484 PRESIDENT ST
BROOKLYN, NY 11215

Site 9 of 19 in cluster I

NY MANIFEST **S121968007**
N/A

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 31652
Address:	484 PRESIDENT ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP005072996
Facility Status:	Not reported
Location Address 1:	484 PRESIDENT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP005072996
Mailing Name:	CON EDISON - SERVICE BOX 31652
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

K97
ENE
< 1/8
0.107 mi.
564 ft.

RINALDI RECYCLING CO.
326 DOUGLASS STREET
BROOKLYN, NY 11217

Site 4 of 10 in cluster K

NY SWRCY **S105842286**
N/A

Relative:
Higher

Actual:
25 ft.

SWRCY:

Name:	RINALDI RECYCLING CO.
Address:	326 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	2
Facility Address 2:	Not reported
Phone Number:	7185226648
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	DOMINICK RINALDI
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported

RINALDI RECYCLING CO. (Continued) **S105842286**

Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MA9]
Active:	No
East Coordinate:	585977
North Coordinate:	4503566
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

M98 **SOUTH BROOKLYN REALTY LLC** **NY UST** **U003128182**
WNW **301 NEVINS STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.109 mi.
575 ft. **Site 4 of 16 in cluster M**

Relative: **Lower**
Actual: **11 ft.**

UST:

Name:	SOUTH BROOKLYN REALTY LLC
Address:	301 NEVINS STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-452483 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585595.33969
UTM Y:	4503649.92015
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	19772
Affiliation Type:	Facility Owner
Company Name:	SOUTH BROOKLYN REALTY LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	410 4TH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 797-9000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	19772
Affiliation Type:	Mail Contact
Company Name:	SOUTH BROOKLYN REALTY LLC
Contact Type:	Not reported

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Contact Name: KEN SILBER
Address1: 410 4TH AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 797-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19772
Affiliation Type: Facility Operator
Company Name: SOUTH BROOKLYN REALTY LLC
Contact Type: Not reported
Contact Name: KEN SILBER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 625-8667
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19772
Affiliation Type: Emergency Contact
Company Name: SOUTH BROOKLYN REALTY LLC
Contact Type: Not reported
Contact Name: NICK IANNETTI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 797-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 35475
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 002
Tank ID: 35476
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 003
Tank ID: 35477

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 35478
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 63808
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

M99 **NICKS UNION NEVINS AUTO REPR** **EDR Hist Auto** **1021767406**
WNW **301 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.109 mi.
575 ft. **Site 5 of 16 in cluster M**

Relative: EDR Hist Auto:
Lower

Actual: Year: Name: / Type:
11 ft.
1983: NICKS UNION NEVINS AUTO RP* / General Automotive Repair Shops
1985: NICKS UNION NEVINS AUTO RP* / General Automotive Repair Shops
1986: NICKS UNION NEVINS AUTO RP* / General Automotive Repair Shops
1987: NICKS UNION NEVINS AUTO RP* / General Automotive Repair Shops
1988: NICKS UNION NEVINS AUTO RP / General Automotive Repair Shops
1989: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1990: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1991: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1992: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1993: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1994: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1995: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1996: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1997: NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops

NICKS UNION NEVINS AUTO REPR (Continued) **1021767406**

1998:	NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
1999:	NICKS UNION NEVINS AUTO REPR / General Automotive Repair Shops
2000:	NICKS AUTO REPAIR / General Automotive Repair Shops
2001:	NICKS AUTO REPAIR / General Automotive Repair Shops
2001:	NICHOLAS IANNETTI / Automotive Repair Shops, NEC
2002:	NICHOLAS IANNETTI / Automotive Repair Shops, NEC
2002:	NICKS AUTO REPAIR / General Automotive Repair Shops
2003:	IANNETTI NICHOLAS / General Automotive Repair Shops
2004:	IANNETTI NICHOLAS / General Automotive Repair Shops
2005:	IANNETTI NICHOLAS / General Automotive Repair Shops
2006:	IANNETTI NICHOLAS / General Automotive Repair Shops
2007:	IANNETTI NICHOLAS / General Automotive Repair Shops
2008:	IANNETTI NICHOLAS / General Automotive Repair Shops
2008:	J AUTOMOTIVE TECHNOLOGY / Automotive Repair Shops, NEC
2014:	ALBA AUTO REPAIRS / General Automotive Repair Shops

M100 **SANDY FOLLOW UP** **NY Spills** **S112229734**
WNW **287 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.109 mi.
575 ft. **Site 6 of 16 in cluster M**

Relative: **Lower**

Actual: **10 ft.**

SPILLS:

Name:	SANDY FOLLOW UP
Address:	287 NEVINS ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1209647 / 2013-04-25
Facility ID:	1209647
Facility Type:	ER
DER Facility ID:	426974
Site ID:	472713
DEC Region:	2
Spill Cause:	Storm
Spill Class:	C3
SWIS:	2401
Spill Date:	2012-11-07
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2012-11-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-11-07
Spill Record Last Update:	2013-04-25
Spiller Name:	Not reported
Spiller Company:	HURRICANE SANDY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MATT BAUDER
DEC Memo:	"04/25/13 Stopped by the site today. This site was inspected few months ago right after Sandy hit the area.No evidence of petroleum

SANDY FOLLOW UP (Continued) **S112229734**

contamination observed.Case closed.(sr) "
Remarks: "Caller advised oil from neighbors tank spilled into house."

All Materials:
Site ID: 472713
Operable Unit ID: 1222570
Operable Unit: 01
Material ID: 2221302
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

I101 **473 PRESIDENT STREET** **NY BROWNFIELDS** **S121933761**
West **473 PRESIDENT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.111 mi.
588 ft. **Site 10 of 19 in cluster I**

Relative: **Lower**
Actual: **10 ft.**

BROWNFIELDS:
Name: 473 PRESIDENT STREET
Address: 473 PRESIDENT STREET
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 507634
Acres: 0.460
HW Code: C224220
SWIS: 2401
Town: New York City
Record Added Date: 05/08/2015
Record Updated Date: 11/22/2021
Update By: GWBURKE
Site Description: "Location: The 473 President Street site is located in an urban area in Brooklyn, NY. It is located in the southern portion of Block 440, Lot 12. The Gowanus Canal is approximately 350 ft to the west of the site. The site is bounded by a shuffleboard club to the north, a former electronics-waste recycler to the west, President Street to the south, and a former casket company to the east. Site Features: The site is comprised of a 1 story warehouse that is fully utilized. Current Zoning and Land Use: The site is vacant and was a former bicycle retailer, a furniture maker, and a showroom for a light designer. It is currently zoned M1-2 (commercial and light industrial uses). The proposed development project calls for demolition of the existing structures and the construction of a mixed-use residential and commercial building, in accordance with zoning laws for that area, with ground floor retail and parking. The development will coincide with the development activities at the neighboring site, President St. Portfolio, BCP Site No. C224309. The nearest residential area is across President Street, but the proposed redevelopment will be largely residential. Past Use of the Site: The site has an industrial history dating to the 1880s. From 1886 to 1928, the site was a sash and door factory, and later a mill with a machine shop and boilers. In 1938 the Coca-Cola Bottling Co. operated

473 PRESIDENT STREET (Continued) **S121933761**

two gasoline underground storage tanks (USTs) as part of their site activities. From 1969 to the 1990s, the site was occupied by Dolin Metal Manufacturing Co. From 1993 to 2007, the building was occupied by manufacturing and storage. There is an open spill from a failed tank test which resulted in petroleum-contaminated soils on-site. The spill number is 9412605. Site Geology and Hydrogeology: The soils of the area consist of urban fill in the upper 10 feet. The fill consists of brown, medium to fine sand with varying amounts of gravel, brick, concrete, asphalt, coal fragments, coal ash, slag, and wood. Hardened coal tar was observed within the fill layer in a boring located in the southeastern portion of the site. The fill layer was underlain mainly by brown fine sand with varying amounts of silt and clay. Groundwater is approximately 10 foot below ground surface. The regional groundwater table is relatively flat with a slight gradient to the west towards the Gowanus Canal. "

Env Problem:

"Soil was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides, emerging contaminants, and metals. Groundwater was analyzed for VOCs, SVOCs, pesticides, emerging contaminants, and metals. Based upon investigations conducted to date, the primary contaminants of concern for the site include petroleum-related and chlorinated VOCs, SVOCs consisting primarily of Polycyclic Aromatic Hydrocarbons (PAHs), lead, mercury, and arsenic. Soil: Benzene was found in soil at a maximum concentration of 2.1 parts per million (ppm), exceeding the protection of groundwater soil cleanup objective (SCO) of 0.06 ppm. Ethyl benzene was found in soil at a maximum concentration 32 ppm, exceeding the protection of groundwater standard of 1 ppm. Toluene was found in soil at a maximum concentration of 5.5 ppm, exceeding the protection of groundwater standard of 0.7 ppm. Xylenes (total) were found in soil at a maximum concentration of 250 ppm, exceeding the protection of groundwater standard of 0.26 ppm. Trichloroethene (TCE) was found in soil at a maximum concentration of 5.1 ppm, exceeding the protection of groundwater standard of 0.47 ppm. Cis-1,2-Dichloroethylene was found in soil at a maximum concentration of 3.7 ppm, exceeding the protection of groundwater standard of 0.25 ppm. 1,2,4-Trimethylbenzene was found in soil at a maximum concentration of 100 ppm, exceeding the protection of groundwater standard of 3.4 ppm. 1,3,5-Trimethylbenzene was found in soil at a maximum concentration of 29 ppm, exceeding the protection of groundwater standard of 8.4 ppm. Arsenic was found in soil at a maximum concentration of 203 ppm, exceeding the restricted residential standard of 16 ppm. Lead was found in soil at a maximum concentration of 1080 ppm, exceeding its restricted residential standard of 400 ppm. Mercury was found in soil at a maximum concentration of 18 ppm, exceeding its restricted residential standard of 0.73 ppm. Benzo(a)anthracene was found at a maximum concentration of 34 ppm, exceeding its restricted residential standard of 1 ppm. Benzo(a)pyrene was found at a maximum concentration of 29 ppm, exceeding its restricted residential standard of 1 ppm. Benzo(b)fluoranthene was found at a maximum concentration of 35 ppm, exceeding its restricted residential standard of 1 ppm. Diben(a,h)anthracene was found at a maximum concentration of 2.6 ppm, exceeding its restricted residential standard of 0.33 ppm. Indeno(1,2,3-cd)pyrene was found at a maximum concentration of 17 ppm, exceeding its restricted residential standard of 0.5 ppm. Data does not indicate any off-site impacts in soil related to this site.

473 PRESIDENT STREET (Continued) **S121933761**

Groundwater: TCE and its associated degradation products are found in groundwater on the northern half of the site at levels exceeding groundwater standards (5 parts per billion - ppb) with a maximum concentration of 1,300 ppb. Benzene was found exceeding its groundwater standard (1 ppb) at a maximum concentration of 3,500 ppb. Ethylbenzene was found exceeding its groundwater standard (5 ug/L) at a maximum concentration of 2,000 ppb. Toluene was found exceeding its groundwater standard (5 ppb) at a maximum concentration of 740 ppb. Xylene (total) was found exceeding its groundwater standard (5 ppb) at a maximum concentration of 6,900 ppb. Cis-1,2-Dichloroethylene was found exceeding its groundwater standard (5 ppb) at a maximum concentration of 4,900 ppb. 1,2,4-Trimethylbenzene was found exceeding its groundwater standard (5 ppb) at a maximum concentration of 1,600 ppb. 1,3,5-Trimethylbenzene was found exceeding its groundwater standard (5 ppb) at a maximum concentration of 470 ppb. Arsenic was found exceeding its groundwater standard (25 ppb) at a maximum concentration of 38.2 ppb. Naphthalene was found exceeding its groundwater standard (10 ppb) at a maximum concentration of 427 ppb. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air: Trichloroethene (TCE) was detected at a maximum concentration of 39,000 micrograms per cubic meter (ug/m3) in the soil vapor, and 23.9 ug/m3 in indoor air. Tetrachloroethene (PCE) was detected at a maximum concentration of 440 ug/m3 in the soil vapor, and 2.81 ug/m3 in indoor air. Cis-1,2-dichloroethene (DCE) was detected at a maximum concentration of 95 ug/m3 in the soil vapor, and 0.218 ug/m3 in indoor air. Data indicates there is the potential for off-site impacts in soil vapor related to this site. "

Health Problem: "People will not come into contact with contaminated soil or groundwater since the site is covered with a building and concrete unless they dig below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for future onsite development. Environmental sampling indicates that soil vapor intrusion is a concern for offsite buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-05-13 10:57:00
Record Upd: 2020-09-28 14:23:00
Updated By: RPMUSTIC
Own Op: 4
Sub Type: NNN

473 PRESIDENT STREET (Continued) **S121933761**

Owner Name:	Not reported
Owner Company:	EcoRise Development
Owner Address:	473 President Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jesse Wark
Owner Company:	473 President LLC
Owner Address:	51 East 12th Street
Owner Addr2:	7th Floor
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Jesse Wark
Owner Company:	473 President LLC
Owner Address:	51 East 12th Street, 7th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
HW Code:	C224220
Waste Type:	dichloroethene (1,2-)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	polycyclic aromatic hydrocarbons (PAHS), total
Waste Quantity:	UNKNOWN

473 PRESIDENT STREET (Continued) **S121933761**

Waste Code:	Not reported
HW Code:	C224220
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	1,2,4-TMB
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224220
Waste Type:	1,3,5-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9412605
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-05-13 11:07:00
Record Updated:	2015-05-13 11:07:00
Updated By:	SRHEIGEL
Crossref ID:	C224220-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-06-20 09:10:00
Record Updated:	2019-06-20 09:10:00
Updated By:	MLSWEET

I102 **473 PRESIDENT STREET LLC - BCP SITE #C224220** **RCRA-LQG** **1023679233**
West **473 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.111 mi.
588 ft. **Site 11 of 19 in cluster I**

Relative: RCRA-LQG:
Lower

Date Form Received by Agency:	20211101
Handler Name:	473 PRESIDENT STREET LLC - BCP SITE #C224220
Handler Address:	473 PRESIDENT ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000232116

Actual:
10 ft.

473 PRESIDENT STREET LLC - BCP SITE #C224220 (Continued) **1023679233**

Contact Name: COLIN MCLEAN
Contact Address: E 12TH ST 7TH FL
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 646-828-3588
Contact Fax: 718-599-1997
Contact Email: COLIN@AVERYHALLINVESTMENTS.COM
Contact Title: AUTHORIZED SIGNATORY
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: E 12TH ST 7TH FL
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: 473 PRESIDENT STREET LLC
Owner Type: Private
Operator Name: 473 PRESIDENT STREET LLC
Operator Type: Private
Short-Term Generator Activity: Yes
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No

473 PRESIDENT STREET LLC - BCP SITE #C224220 (Continued) **1023679233**

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20211110
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 473 PRESIDENT STREET LLC
Legal Status: Private
Date Became Current: 20190905
Date Ended Current: Not reported
Owner/Operator Address: 51 E 12TH ST 7TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-982-9467
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 473 PRESIDENT STREET LLC
Legal Status: Private
Date Became Current: 20190905
Date Ended Current: Not reported
Owner/Operator Address: 51 E 12TH ST 7TH FL

473 PRESIDENT STREET LLC - BCP SITE #C224220 (Continued) **1023679233**

Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-982-9467
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ECORISE DEVELOPMENT
Legal Status: Private
Date Became Current: 20141009
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ECORISE DEVELOPMENT
Legal Status: Private
Date Became Current: 20141009
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MCP PRESIDENT STREET LLC
Legal Status: Private
Date Became Current: 20141009
Date Ended Current: Not reported
Owner/Operator Address: 550 GRAND ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 212-982-9467
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MCP PRESIDENT STREET LLC
Legal Status: Private
Date Became Current: 20141009
Date Ended Current: Not reported
Owner/Operator Address: 550 GRAND ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 212-982-9467
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20170616
Handler Name: MCP PRESIDENT STREET LLC

473 PRESIDENT STREET LLC - BCP SITE #C224220 (Continued) **1023679233**

Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20211101
Handler Name: 473 PRESIDENT STREET LLC - BCP SITE #C224220
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20170613
Handler Name: MCP PRESIDENT STREET LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I103 **473 PRESIDENT STREET - OFF-SITE** **NY MANIFEST** **S101508966**
West **473 PRESIDENT STREET** **NY BROWNFIELDS** **N/A**
< 1/8 **BROOKLYN, NY 11215** **NY LTANKS**
0.111 mi.
588 ft. **Site 12 of 19 in cluster I**

Relative: **Lower**
Actual: **10 ft.**

LTANKS:

Name:	BRUCE RIBELNON OMNI MALL
Address:	473 PRESIDENT ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9412605 / Not Reported
Facility ID:	9412605
Site ID:	323409
Spill Date:	1994-12-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	RPMUSTIC
Referred To:	Not reported
Reported to Dept:	1994-12-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	1995-03-01
Spill Record Last Update:	2021-05-12
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	BRUCE RIBELNON
Spiller Phone:	(718) 522-3000
Spiller Extention:	265
DEC Region:	2
DER Facility ID:	260527
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE 3500 gallon tank unregistered. Property contact is Steve Zakheim at 718-629-3333. Zakheim stated that this area was addressed and will send in documentation. Other tank and subsurface work has been conducted under different #s at this site in past. Check other files to determine if this area has been addressed. 05/22/09-Zhune called Mr. Zakheim. Could not get him. Left message. 04/03/13- Zhur spoke to Stella. She said Mr. Steve Zakhein is going to be abse long time call Joseph at 718-629-1000 Ext. 383. 10/4/13- Zhun Joseph. he indicated he is no longer managing the building. Bruce Ribelnon 4 wheeler Drive Huntintong Station NY 11746 631-673-9884 Second address: 514 Union Street 4/30/15-Albert Tashji from Langan Engineerring (212-479-5508) called to say that they are in the process to fill an aplication for BCP at this site. He needs to know is the site has a Consent Order. He also said the site is currently a warehouse and is going to be develop. 8/26/19 - Spill reassigned to Kim as per Obligado. 8/27/19 - Kim - Spill reassigned to Melissa Sweet Project Manager for C224220. 5/12/21 - Melissa - Spill

473 PRESIDENT STREET - OFF-SITE (Continued) **S101508966**

reassigned to Richard Mustico Project Manager for C224220"
Remarks: "ABOANDONED LINE FAILED TEST - NO SPILL OF PRODUCT - TANK TESTER HAD NO TANK NUMBER"

All TTF:
Facility ID: 9412605
Spill Number: 9412605
Spill Tank Test: 1543466
Site ID: 323409
Tank Number: Not reported
Tank Size: 0
Material: 0066A
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 323409
Operable Unit ID: 1010209
Operable Unit: 01
Material ID: 374899
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

BROWNFIELDS:
Name: 473 PRESIDENT STREET - OFF-SITE
Address: 473 PRESIDENT STREET
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 568180
Acres: Not reported
HW Code: C224220A
SWIS: 2401
Town: New York City
Record Added Date: 03/22/2018
Record Updated Date: 01/25/2021
Update By: JCGRATHW
Site Description: "Location: The on-site 473 President Street site is located in an urban area in Brooklyn, Kings County. It is located in the southern portion of Block 440 Lot 12. The Gowanus Canal is approximately 350 ft to the west of the site. Site is bounded by a shuffleboard club to the north, an e-waste recycler to the west, President Street to the south, and a casket company to the east. Fulton Works MGP site is 1

473 PRESIDENT STREET - OFF-SITE (Continued) **S101508966**

block to the north. Site Features: The on-site is comprised of a 1 story warehouse that is fully utilized. Current Zoning and Land Use: The site is an active warehouse for a bicycle company, a furniture maker, and a showroom for a light designer. It is currently zoned for M1-2, commerical to light industrial. The nearest residential area is across President Street. Past Use of the Site: The on-site has an industrial history back to the 1880s. In 1886 to 1928, the site was a sash and door factory and later a trim and planing mill with machine shop and boilers. In 1938 the Coca-Cola Bottling Co was the operator with two gasoline USTs. In 1969 to the 1990s, the site was occupied by Dolin Metal Manufacturing Co. From 1993 to 2007, the building was occupied by manufacturing and storage. Currently the site is occupied by a furniture maker, a lighting designer, and a bicycle retailer. There is an open spill from a failed tank test which may have resulted in BTEX-contaminated soils on-site. The spill number is 9412605. Site Geology and Hydrogeology: The soils of the area consist of urban fill for the top 10 feet. The groundwater is approximately 10 foot below ground surface at the site. Based on the topography of the land, the local groundwater flows in a westerly direction, towards the Gowanus Canal. "

Env Problem: "The on-site investigation yielded the following results: Soil was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs)(only during the pre-application investigation), pesticides, and metals. Groundwater was analyzed for VOCs, SVOCs, pesticides, and metals. Based upon investigations conducted to date, the primary contaminants of concern for the site include TCE, BTEX (Benzene, Toluene, Ethylbenzene, Xylene), naphthalene, Polycyclic Aromatic Hydrocarbons (PAHs - a class of SVOCs), Lead, Mercury, and Arsenic. Soil Soil borings were installed and samples collected as part of the remedial investigation. Concentrations exceeding the Commercial SCOs were found for PAHs, arsenic, lead, and mercury. Primarily the top 10 foot of material, known as historic fill, exceeds the SCOs for PAHs, lead, mercury, and arsenic. Spatially, the native materials were most contaminated in the northern corner near a suspected gasoline tank with trichloroethene (TCE) and BTEX. Groundwater TCE and its associated degradation products are found in groundwater on the northern half of the site moderately exceeding groundwater standards (5 ug/L) with a maximum concentration of 1300 ug/L. Fuel breakdown products (i.e. BTEX and naphthalene) were found in groundwater on the northern portion of the site at concentrations exceeding the standard near the suspected gasoline tank. Soil Vapor TCE, tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE), were detected in sub-slab soil vapor at significantly elevated concentrations. "

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported

473 PRESIDENT STREET - OFF-SITE (Continued) **S101508966**

Record Upd: Not reported
Updated By: Not reported
Own Op: Not reported
Sub Type: Not reported
Owner Name: Not reported
Owner Company: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Country: Not reported
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

NY MANIFEST:
Name: MCP PRESIDENT STREET LLC
Address: 473 PRESIDENT ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000232116
Facility Status: Not reported
Location Address 1: 473 PRESIDENT STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000232116
Mailing Name: MCP PRESIDENT STREET LLC
Mailing Contact: MCP PRESIDENT STREET LLC
Mailing Address 1: 473 PRESIDENT ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: MAD039322250
Trans2 State ID: Not reported

473 PRESIDENT STREET - OFF-SITE (Continued) **S101508966**

Generator Ship Date: 06/22/2017
Trans1 Recv Date: 06/22/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/08/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000232116
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: ARD069748192
TSDF ID 2: Not reported
Manifest Tracking Number: 010326498FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H040
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2500
Units: P - Pounds
Number of Containers: 5
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D040
Waste Code 1_2: F002
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

L104 **CONSTRUCTION SITE** **NY Spills** **S107522770**
ESE **207 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
590 ft. **Site 3 of 6 in cluster L**

Relative: **Higher**
Actual: **28 ft.**

SPILLS:
Name: CONSTRUCTION SITE
Address: 207 4TH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0512890 / 2006-02-07
Facility ID: 0512890
Facility Type: ER
DER Facility ID: 309314
Site ID: 359279

CONSTRUCTION SITE (Continued) **S107522770**

DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 2401
Spill Date: 2006-01-21
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2006-02-07
CID: 408
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-02-07
Spill Record Last Update: 2006-02-07
Spiller Name: Not reported
Spiller Company: NYC DEP
Spiller Address: 9605 HORRIS HARDING EXPR
Spiller Company: 001
Contact Name: JOHN MCCLUSKY
DEC Memo: "02/07/06-Hiralkumar Patel. Spoke with Mr. John Linch, who is Resident Engineer from DEP at the construction site. He doesn't know anything and call me back with more information. Left message for Helen at DEP. Talked with Helen. spill happened on 21st jan. and its all cleaned up on the same day. she reported this to DEC because of Consent order. case closed."
Remarks: "has not been cleaned up, due to somene knocking over a bucket with product, was cleaned up by 11:30 am the morning of the spill"

All Materials:
Site ID: 359279
Operable Unit ID: 1116501
Operable Unit: 01
Material ID: 2106909
Material Code: 0012A
Material Name: kerosene
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

H105 **CON EDISON** **FINDS** **1018280847**
South **DENTON ST & CARROLL ST** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.112 mi.
592 ft. **Site 7 of 9 in cluster H**

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20150325
Handler Name:	CON EDISON
Handler Address:	DENTON ST & CARROLL ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004757555
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON (Continued) **1018280847**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

CON EDISON (Continued) **1018280847**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067682555

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1018280847
Registry ID: 110067682555
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067682555
Name: CON EDISON
Address: DENTON ST & CARROLL ST
City,State,Zip: BROOKLYN, NY 11215

H106 **CON EDISON** **NY MANIFEST** **S118088208**
South **DENTON ST & CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.112 mi.
592 ft. **Site 8 of 9 in cluster H**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:
Name: CON EDISON
Address: DENTON ST & CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004757555
Facility Status: Not reported
Location Address 1: DENTON PL. & CARROLL ST
Code: BP
Location Address 2: MH # 22621
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004757555

CON EDISON (Continued) **S118088208**

Mailing Name: CON EDISON
Mailing Contact: TOM TELLING
Mailing Address 1: 4 IRVING PLACE-15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 03/25/2015
Trans1 Recv Date: 03/25/2015
Trans2 Recv Date: 03/26/2015
TSD Site Recv Date: 03/26/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004757555
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002619004GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported

CON EDISON (Continued) **S118088208**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

H107 **CON EDISON** **NJ MANIFEST** **S120669566**
South **DENTON ST & CARROLL ST** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.112 mi.
592 ft. **Site 9 of 9 in cluster H**

Relative:
Higher

Actual:
23 ft.

NJ MANIFEST:
EPA Id: NYP004757555
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002619004GBF
EPA ID: NYP004757555
Date Shipped: 3/25/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported

CON EDISON (Continued) **S120669566**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

I108 **REGULATOR R-22** **NY Spills** **S102145038**
West **NEVIN & PRESIDENT STS** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.113 mi.
596 ft. **Site 13 of 19 in cluster I**

Relative: **Lower**

Actual: **9 ft.**

SPILLS:

Name:	REGULATOR R-22
Address:	NEVIN & PRESIDENT STS
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8801819 / 1988-05-27
Facility ID:	8801819
Facility Type:	ER
DER Facility ID:	161299
Site ID:	193452
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1988-05-27
Investigator:	CANZIANI
Referred To:	Not reported
Reported to Dept:	1988-05-27
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	1988-05-27
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1988-05-31
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	OPERATING SERV PERSONNEL
Spiller Address:	SAME
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"BLOCKAGE IN THE BRANCH INTERCEPTER. .03 MGD AMOUNT LOST CASE 1207."

All Materials:

REGULATOR R-22 (Continued) **S102145038**

Site ID: 193452
Operable Unit ID: 917264
Operable Unit: 01
Material ID: 460944
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

K109 **LESLIE & BROTHERS SERVICE STATION INC** **NJ MANIFEST S120665605**
ENE **164 4TH AVE** **NJ MANIFEST N/A**
< 1/8 **BROOKLYN, NY 11217**
0.114 mi.
600 ft. **Site 5 of 10 in cluster K**

Relative: **Higher**
Actual: **26 ft.**

NJ MANIFEST:
EPA Id: NYD987021425
Mail Address: 4TH AVE
Mail City/State/Zip: BROOKLYN, NY 11217
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: RAFAEL PEREZ
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 012238316JJK
EPA ID: NYD987021425
Date Shipped: 12/1/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

LESLIE & BROTHERS SERVICE STATION INC (Continued) **S120665605**

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11217
Reason Load Was Rejected: Not reported

Manifest Number: 012238119JJK
EPA ID: NYD987021425
Date Shipped: 5/27/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

LESLIE & BROTHERS SERVICE STATION INC (Continued) **S120665605**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11217
Reason Load Was Rejected: Not reported

K110 **BP AMOCO STATION #3887** **NY Spills** **S103036428**
ENE **164 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.114 mi.
600 ft. **Site 6 of 10 in cluster K**

Relative: SPILLS:
Higher
Name: BP AMOCO STATION #3887
Actual: Address: 164 4TH AVE
26 ft. City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9713442 / 2017-08-04
Facility ID: 9713442
Facility Type: ER
DER Facility ID: 146926
Site ID: 174714
DEC Region: 2
Spill Cause: Unknown
Spill Class: B3
SWIS: 2401
Spill Date: 1998-03-04
Investigator: JBVOUGHT
Referred To: SULFATE FULL SCALE
Reported to Dept: 1998-03-04
CID: 282
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-03-04
Spill Record Last Update: 2017-08-04
Spiller Name: CHUCK WEIN
Spiller Company: AMOCO
Spiller Address: 300 INTERPACE PARKWAY
Spiller Company: 001
Contact Name: AMOCO COMPANY
DEC Memo: "03/17/03 REASSIGNED FROM ROMMEL TO VOUGHT. 8/5/03 Received email from A. Lapine, Delta. Delta proposing to install three off-site monitoring wells; one on the west-side sidewalk off of 4th Ave and the other two on the east-side sidewalk of Degraw. 12/3/03 Reassigned from Vought to Foley. Avg depth to groundwater: 19'bgs Flow generally southwest Total BTEX: ND-5541ppb (9/4/03) Total MTBE: 0.48-386,000ppb (9/4/03) 0.41', 0.66', 0.42, 0.38, 0.17' LNAPL detected in MW-2 (5/10/02, 8/8/02, 12/4/02, 3/26/03 and 9/4/03 respectively) 0.05', 0.37' and 0.29' LNAPL detected in MW-4 (8/8/02, 12/4/02, 3/26/03) Off-site delineation to start Q4 2003 with 3 monitoring wells. File

BP AMOCO STATION #3887 (Continued) **S103036428**

review: Subsurface Hydrocarbon Assessment Report (Delta, 10/3/01) Report references Baltec 6/10/98 UST Closure Report for 14 USTs. Lab analysis of soil samples from excavation identified VOCs/SVOCs in excess of guidance values. 11/10-11/11/99 Delta advanced 12 soil borings between 7 to 20 ft. Lab analysis of soil samples identified between one and eight VOCs in excess of TAGM in 11 of 14 samples. Four of those were samples where methylene chloride was the only VOC identified(a common lab contaminant). 5/22-5/23/00 Delta installed three monitoring wells and collected soil samples for VOC analysis. BTEX ranged from 213ppb(MW-1, 10-12') to 106,370ppb (MW-1, 20-22'). MTBE ranged from 58.6ppb (MW-2, 20-22') to 313ppb (MW-1, 20-22'). Total VOCs ranged from 736ppb (MW-1, 10-12') to 415,493ppb(MW-1, 20-22'). 6/28/00 Gauged four tank wells and three monitoring wells. Groundwater samples were collected from three monitoring wells. Tank wells were dry. Total BTEX ranged from 53ppb(MW-3) to 2009ppb(MW-1). MTBE ranged from 7ppb(MW-3) to 1430ppb(MW-1). Total VOCs ranged from 126ppb(MW-3) to 6282ppb(MW-1). 4/2/01 & 4/26/01 Delta gauged 5 monitoring wells and 4 tank wells and collected samples. Total BTEX ranged from 141ppb(MW-3) to 11798ppb(MW-4). MTBE ranged from 17ppb(MW-3) to 7030ppb(MW-4). Total VOCs ranged from 191ppb(MW-3) to 19,702ppb(MW-4). 12/9/03 Received 2002 quarterly reports and second quarter 2003 report.(KMF) 4/2/04 Received Nov 2003 SHAR Addendum report (Delta, 3/31/04) for installation of three downgradient wells (MW-8, MW-9, MW-10) on other side of building. DTW 16.5'bgs. Installed to 24'bgs. No VOCs detected in soil samples. Need more recent monitoring reports. 8/9/04 3Q03 - BTEX from ND(MW-3) to 5541ppb (MW-6). MTBE from ND(MW-3) to 386,000ppb (MW-6). 0.17' LNAPL detected in MW-2. 8/9/04 4Q03 - BTEX from ND(MW-3 and MW-8) to 44,755ppb (MW-2). MTBE from ND(MW-3) to 63,500ppb (MW-6). 0.01' LNAPL detected in MW-2. 8/9/04 1Q04 - BTEX from ND(MW-3) to 14,823ppb (MW-2). MTBE from 0.79(MW-3) to 34,100ppb (MW-6). 8/9/04 2Q04 - BTEX from ND(MW-3, MW-8 and MW-9) to 4,797ppb (MW-4). MTBE from ND(MW-3) to 9,850ppb (MW-5). 0.07' LNAPL in MW-2. 4/27/05 Portfolio meeting-Source is dispensers. GW 16-20'bgs. Will verify if gw is perched. Indoor air model completed 2/05 which lead Delta to install cluster vapor well and run TO-3 analysis. Summa canister will be done since benzene MDL less than 80ug/m3. Reassess exposure. Soil gas survey to define LNAPL impacts. 6/1/05 Subsurface Hydrocarbon Assessment Report received for installation of MW-11 and MW-12, offsite. No BTEX/VOCs detected above RSCOs in soil. 8/1/05 3Q04 - No LNAPL present. DTW 16-20'bgs. BTEX from ND(MW-3,8,9) to 17040(MW-4). MTBE from ND(MW-3) to 38500ppb(MW-6). 6/28/05 4Q04- 0.02' LNAPL in MW-2. BTEX from ND(MW-3,9,11,12) to 13360ppb(MW-4). MTBE from ND(MW-3) to 21900ppb(MW-5). 8/2/05 Subsurface Hydrocarbon Assessment Report received for MW-13 and MW-14, offsite. No BTEX, MTBE or other VOCs in excess of RSCOs. Napthalene was detected in MW-13 above GWQS. 11/9/05: Reviewed the quarterly monitoring report dated October 7, 2005. Fourteen wells sampled on 2/15/05. No free product present. Max BTEX is 16390ppb in MW-4 and max MTBE is 22500ppb in MW5. BTEX and MTBE increased in MW-1 and MW-2. 11/25/05: Reviewed the quarterly report dated 11/3/05. Fourteen monitoring wells sampled on May 27, 2005. Max BTEX is 8190ppb (MW4) and max MTBE is 18200ppb (MW5). Fluctuating concentrations in some wells. 11/29/05 3Q05- DTW 15.45-20.81'bgs. No LNAPL present since 5/04. BTEX from ND(MW-3,8,9,11,12,13,14) to 5847ppb(MW-4). MTBE from ND(MW-3) to 13900ppb(MW-5). 12/19/05 Received Subsurface Assessment Report dated 12/6/05 which documents installation of one cluster well(VCW-1) for

BP AMOCO STATION #3887 (Continued) **S103036428**

vapor monitoring installed 4/4/05. DTW on 5/12/05 ranged from 15.51-20.08'bgs. GW movement varies in relation to topography, lithology, elevations of recharge and discharge areas and man-made influences but generally flows to the west-southwest. VCW-1 was advanced to 21'bgs(approx DTW). Soil samples collected at (17-18'bgs) and (20-21'bgs) showed total BTEX at ND and 220ppb respectively and MTBE at 596ppb and 789ppb respectively. Three vapor samples were collected (VCW-1A(17.5-18'bgs), VCW-1B(11.5-12'bgs), VCW-1C(5.5-6'bgs)) by Summa canister on 4/14/05 and 7/19/05. Total BTEX in VCW-1A was 20mg/m3. VCW-1B and VCW-1C were both ND. MTBE was detected in soil above RSCOs during installation. 3/3/06 Received 4Q05 report- Sampled 8 of 14 wells. DTW 13.35-20.25'bgs. No LNAPL. BTEX from ND(MW-3,8,11,12,13,14) to 17916ppb(MW-4). MTBE from ND(MW-3,8) to 298000ppb(MW-6). Additional on-site data to be collected to enhance site conceptual model for RAP preparation. 3/16/06 Met with BP and Delta. DTW 16-20'bgs. MTBE spike in MW-6 may be due to rise in watertable. Installed cluster vapor well downgradient of MW-5 & MW-6. Vapors only at interval right above watertable. 6/8/2006 - Feng - project reassigned to RJFeng. (RJF) 9/26/2006 - Feng - Quarterly Monitoring Report, 1Q2006, 7/26/2006, by Delta. Sampled on 2/15/2006. DTW 13.50' to 20.38' bg. Flows to south-southwest. No LNAPL. Total BTEX range from ND (MW-3, 8, 9, 11, 12, 13, and 14) to 12,850 ppb (MW-4). MTBE from ND (MW-3, 12) to 131,000 ppb (MW-6). (RJF) 9/28/2006 - Feng - Portfolio meeting with BP and Delta. Residual contaminant probably beneath the pump island area, but delineation can't be done under the pump island canopy due to the safety issue. Delta will continue to monitor and eva site model and remedial alternatives. IRM of bioBarrier in downgradient to treat the groundwater before it migrate off site submitted next quarter. (RJF) 1/4/2007 - Feng - 2Q2006, 11/29/2006, by Delta. Groundwater sampled and gauged 6/6/2006, 14/14 monitoring wells. DTW 14.91' to 20.23' bg. Flows west. No LNAPL. MW-1, 5,664 ppb BTEX, 49.3 ppb MTBE. MW-2, 5,610.2 ppb BTEX, 311 ppb MTBE. MW-3, ND BTEX, less than 1 ppb MTBE. MW-4, 15,207 ppb BTEX, 82 ppb MTBE. MW-5, 3,074.2 ppb BTEX, 2,810 ppb MTBE. MW-6, 3,348 ppb BTEX, 133,000 ppb MTBE. MW-7, 38.2 ppb BTEX, 7,450 ppb MTBE. MW-8, ND. MW-9, ND. MW-10, 80.14 ppb BTEX, 127 ppb MTBE. MW-11, ND BTEX, 34.4 ppb MTBE. MW-12, ND BTEX, 4.8 ppb MTBE. MW-13, ND BTEX, 9.3 ppb MTBE. MW-14, ND BTEX, 4.8 ppb MTBE. (RJF) 6/12/2007 - Feng - 3Q2006, 1/29/2007. Groundwater sampled 8/28/2006. 14/14 monitoring wells were sampled. DTW 14.14' to 20.05' bg. Flows to southwest. No LNAPL. MW-1, 5,655 ppb BTEX, 42.9 ppb MTBE. MW-2, 5,658 ppb BTEX, 308 ppb MTBE. MW-3, ND. MW-4, 14,250 ppb BTEX, 121 ppb MTBE. MW-5, 3,237 ppb BTEX, 1,520 ppb MTBE. MW-6, 3,604 ppb BTEX, 109,000 ppb MTBE. MW-7, 152 ppb BTEX, 8,190 ppb MTBE. MW-10, 84 ppb BTEX, 174 ppb MTBE. MW-11, 20.7 ppb MTBE. MW-8, MW-9, MW-12, MW-13, and MW-14, ND. 6/13/2007 - Feng - 4Q2006, 3/6/2007. Groundwater sampled 11/27/2006. DTW 14.79' to 20.27' bg. Flows to west. No LNAPL. MW-1, 1,378 ppb BTEX, 118 ppb MTBE. MW-2, 3,040 ppb BTEX, 241 ppb MTBE. MW-3, ND. MW-4, 6,366 ppb BTEX, 145 ppb MTBE. MW-5, 3,201 ppb BTEX, 1,690 ppb MTBE. MW-6, 55.2 ppb BTEX, 791 ppb MTBE. MW-7, 18.8 ppb BTEX, 580 ppb MTBE. MW-8, 10.4 ppb MTBE. MW-9, ND. MW-10, 64.1 ppb BTEX, 193 ppb MTBE. MW-11, 12, 13, and 14, ND. (RJF) 7/24/2007 - Feng - 1Q2007, 5/4/2007. Groundwater sampled 2/17/2007. 12/14 monitoring wells were sampled. DTW 15.24' to 20.73' bg. Flows to west. LNAPL in MW-2 (0.08'). MW-1, not accessible. MW-2, 0.08' LNAPL. MW-3, ND. MW-4, 3,643 ppb BTEX, 50.4 ppb MTBE. MW-5, 3,134 ppb BTEX, 5,580 ppb MTBE. MW-6, 58.8 ppb BTEX, 1,120 ppb MTBE.

BP AMOCO STATION #3887 (Continued) **S103036428**

MW-7, 12.3 ppb BTEX, 1,120 ppb MTBE. MW-8, BTEX ND, 8.1 ppb MTBE. MW-9, BTEX ND, 1.3 ppb MTBE. MW-10, 53.4 ppb BTEX, 194 ppb MTBE. MW-11, BTEX ND, 6.7 ppb MTBE. MW-12, BTEX ND, 1.3 ppb MTBE. MW-13, BTEX ND, 3 ppb MTBE. MW-14, BTEX ND, 4.6 ppb MTBE. (RJF) 12/12/2007 - Feng - 2Q2007, 8/6/2007. Active Service Station. 14 monitoring wells were gauged 5/11/2007. DTW 14.66' to 20.19' bg. Flows to southwest. No LNAPL. 14 monitoring wells were sampled 5/11/2007. BTEX range Nd to 12,500 (MW-5). MTBE range ND to 12,500 ppb (MTBE). (RJF) 1/8/2008 - Feng - 3Q2007, 11/1/2007. Active Service station. The monitoring well network was gauged and sampled on 8/30/2007. 14 monitoring wells were gauged. DTW 14.58' to 19.94' bg. Flows to southwest. No LNAPL. 14 monitoring wells were sampled. BTEX range ND to 5,136 ppb (MW-4). MTBE range ND to 17,900 ppb (MW-5). (RJF) 2/13/2008 - Feng - 4Q2007, 1/4/2008. Active Service Station. The monitoring wells network was gauged and sampled on 11/21/2007. 14 wells were gauged. DTW 15.44' to 20.59' bg. Flows to southwest. No LNAPL. 13 wells were sampled. BTEX range ND to 8,479 ppb (MW-4). MTBE range ND to 22,800 ppb (MW-5). (RJF) 6/16/2008 - Feng - 1Q2008, 4/3/2008. Active service station. The monitoring wells network was gauged and sampled 2/25/2008. 9 monitoring wells were gauged and sampled. DTW 15.81' to 20.85' bg. Flows to southwest. No LNAPL. BTEX range ND to 2,500 ppb (MW-2). MTBE range ND to 20,000 ppb (MW-5). 10/29/2008 - 2Q2008, 8/11/2008, by Delta. Active service station. The monitoring well network was gauged and sampled 5/29/2008. 14 wells were gauged. No LNApL. DTW 15.33' to 20.75' bg. Flows to southwest. 14 wells were sampled. BTEX range ND to 2,956 ug/L (MW-4). MTBE range ND to 16,000 ug/L (MW-5). (RJF) 3/4/2009 - 3Q2008, 12/13/2008, by EnviroTrac. Active BP Service Station. The monitoring well network was gauged and sampled 7/29/2008. 14 wells were gauged. NO LNAPL. DTW 15.10' to 20.45' bg. Flows to southwest. 14 wells were sampled. Max benzene 1,200 ug/L (MW-5). Max BTEX 1,443 ug/L (MW-5). Max MTBE 72,000 ug/L (MW-6). 4Q2008, 1/29/2009, by EnviroTrac. Active BP Service Station. The monitoring well network was gauged and sampled on 11/17/2008. 14 wells were gauged. LNAPL in MW-2 (0.03'). DTW 14.53' to 20.24' bg. Flows to southwest. 14 wells were sampled. Max benzene 1,200 ug/L (MW-5). Max BTEX 3,024 ug/L (MW-4). Max MTBE 5,800 ug/L (MW-5). (RJF) 5/21/2009 - Reviewed the Investigation Work Plan, dated 3/31/2009, by Delta. Delta proposes to install 3 monitoring wells, but one of the proposed wells, MW-17 is contingent upon whether it is safe to install the well because the utilities over there. Work plan is approved. SHARA is due within 90 days, August 21, 2009. (RJF) 10/8/2009 - 2Q2009, 8/21/2009, by EnviroTrac. Active BP Service Station. The monitoring well network was gauged and sampled on 5/18/2009. 3 monitoring wells were installed in 6/2009. SHARA summarizing the well installation activities will be submitted under separate cover. 14 wells were gauged. LNAPL in MW-2 (0.04'). DTW 15.07' to 20.59' bg. Flows to west southwest. 13 wells were sampled. MW-2 was not sampled. Max benzene 1,100 ug/L (MW-4). Max BTEX 6,362 ug/L (MW-4). Max MTBE 2,400 ug/L (MW-5). (RJF) 10/16/2009 - Reviewed Subsurface Hydrocarbon Assessment Report Addendum, dated August 20, 2009, by Delta. On June 25, 2009, three monitoring wells MW-15, MW-16 and MW-17 were installed using a Geoprobe 6610 hollow stem auger and direct push. Final depth to 22 feet for MW-15, 23 feet for MW-16 and 21 feet for MW-17. 7 soil samples were collected. MW-15 (13-13.5'), ND. MW-15 (15.5-16'), 217 ug/kg BTEX, 580 ug/kg VOCs. MW-15 (19.5-20'), 33,800 ug/kg BTEX, 57,340 ug/kg VOCs. MW-16 (9.5-10'), 150 ug/kg BTEX, 840 ug/kg VOCs. MW-16 (16.5-17'), BTEX ND, 860 ug/kg

BP AMOCO STATION #3887 (Continued) **S103036428**

VOCs. MW-16 (19.5-20'), 160 ug/kg BTEX, 800 ug/kg VOCs. MW-17 (14.5-15'), ND. All the wells were guaged on 8/6/2009, DTW 14.78' (MW-13) to 20.26' (MW-5). MW-15, 19,010 ug/L BTEX, 24,029 ug/L VOCs. MW-16, 44 ug/L BTEX, 101 ug/L VOCs. MW-17, ND. Delta also proposes a pilot study for sulfate solution injection. 1,000 gallons of MgSO4 in concentration of 25,000 mg/L will be injected into MW-15 and monitor the rest of the monitoring wells. Comments on the pilot study to Delta. NO monitoring wells shall be used as application wells and do not use wells at the edge of the plume where also near the subway tunnel. Revised work plan within 30 days. (RJF) 10/30/2009 - Tibbe forwarded the MSDS of Megnesium Sulfate Heptahydrate to NYCT for review. 11/5/2009 - email from Jennifer Wuotinen of NYCT. Mark, Our Industrial Hygiene group does not see any issues with BP Amoco using this product. 11/5/2009 - 3Q2009, 10/30/2009, pdf, by EnviroTrac. Active BP Service station. The monitoring well network was gauged and sampled on August 6, 2009. the site was re-surveyed on August 19, 2009. 17 wells were gauged. NO LNAPL. DTW 14.78' to 20.26' bg. Flows to west southwest. 17 wells were sampled. Max benzene 820 ug/L (MW-5). Max BTEX 19,010 ug/L (MW-15). Max MTBE 1,600 ug/L (MW-5). (RJF) 2/2/2010 - approval of the sulfate pilot work plan is sent to BP. The report summarizing the pilot result will be in by 7/2010. (RJF) 6/8/2010 - 4Q2009, 2/5/2010, by EnviroTrac. Active BP service station. The monitoring well network was gauged and sampled on 11/23/2009. 17 wells were gauged. NO LNAPL. DTW 15.29 - 20.71' bg. Flows to west-southwest. 17 wells were sampled. Max benzene 1,400 ug/L (MW-4). Max BTEX 32,080 ug/L (MW-15). Max MTBE 1,600 ug/L (MW-5). 1Q2010, 4/19/2010, by EnviroTrac. The monitoring well network was gauged and sampled on 2/9/2010. 16 wells were gauged, MW-11 was not gauged due to an object stuck in the well. NO LNAPL. DTW 13.62 - 20.79' bg. Flows to west-southwest. 17 wells were sampled. Max benzene 460 ug/L (MW-5). Max BTEX 25,040 ug/L (MW-15). Max MTBE 1,200 ug/L (MW-5). 08/06/2010: This spill was temporarily (for 6 months) transferred to A. Doronova. - AD 08/09/2010: Received a pdf copy of the pilot test report. DL to eDocs. AD 10/14/2010: Received a pdf copy of the third quarter 2010 monitoring report. Dl the report to eDocs. AD 4/11/2011 - Spill transferred back to JFeng. 4/25/2011 - email from Chris Meyer of Anteagroup. Good Morning June Attached is the next monitoring report for the above-referenced project. Chris eDoc 1Q2011 report. JF 7/8/2011 - 1Q2011, 4/11/2011, by Anteagroup. The groundwater samples were collected on 2/14/2011. 15 wells were sampled. Max BTEX 17,450 ug/L (MW-15). Max MTBE 22,000 ug/L (MW-6). Flows to southwest. 10/27/2011 - 2Q2011, 9/1/2011, by Antea Group. The groundwater samples were collected on June 17, 2011. 16 wells were sampled. High BTEX and MTBE in multiple wells. MW-1, 1,630 ug/L BTEX, 58 ug/L MTBE. MW-2, 1,464 ug/L BTEX, 87 ug/L MTBE. MW-4, 4,920 ug/L BTEX, 160 ug/L MTBE. MW-5, 1,129 ug/L BTEX, 1,400 ug/L MTBE. MW-15, 19,150 ug/L BTEX, less than 5.0 ug/L MTBE. 7/6/2012 - 1Q2012, 4/27/2012, by Antea Group. The groundwater samples were collected on 2/14/2012. MW-1, 1,360 ug/L BTEX, 31 ug/L MTBE. MW-2, 1,172 ug/L BTEX, 93 ug/L MTBE. MW-4, 4,186 ug/L BTEX, 180 ug/L MTBE. MW-5, 1,253 ug/L BTEX, 1,400 ug/L MTBE. MW-6, 25.1 ug/L BTEX, 25 ug/L MTBE. MW-7, 76.5 ug/L BTEX, 64 ug/L MTBE. MW-10, 68 ug/L BTEX, 150 ug/L MTBE. MW-15, 17,078 ug/L BTEX, less than 2.5 ug/L MTBE. 9/21/2012 - 2Q2012, 7/30/2012, by Antea Group. The groundwater samples were collected on 5/24/2012. The next sampling will be in August 2012. MW-1, 233 BTEX, 14 MTBE. MW-2, 711 BTEX, 62 MTBE. MW-4, 2,968 BTEX, 72 MTBE. MW-5, 657 BTEX, 1,000 MTBE. MW-6, 18 BTEX, 21 MTBE. MW-7, 25.1 BTEX, 53

BP AMOCO STATION #3887 (Continued) **S103036428**

MTBE. MW-10, 43.9 BTEX, 42 MTBE. MW-15, 16,770 BTEX, less than 5.0 MTBE. 11/15/2012 - Reviewed the Work Plan Execution-30 Day Notification Letter and Bioremediation Application Program Work Plan Addendum, dated August 14, 2012. There will be 12 injection events, 1,000 gallon of sulfate solution at concentration of 25,000 mg/L will be injected into MW-1 and MW-5 in each event. Reviewed 3Q2012, dated 10/31/2012 and couldn't find the injection information. DEC was also copied on the letter to EPA for UIC notification. email to Chris Meyer of Antea Group Have you started the sulfate injection yet? I looked at the Notification Letter but I didn't find anything in the quarterly report. Please include all the information regarding the injection in the quarterly report, like what you did for some other injection sites, so I could know what you are doing. As I see, what you proposed is more of a gradually process. There will be 12 injection events, 1,000 gallon of sulfate solution will be injected into MW-1 and MW-5 in each event. Since this site is near the subway line, you may need to have MTA's permission before injecting the solution. Let me know. Well Abandonment Report, 11/9/2012. Abandoned monitoring well MW-11. 4/22/2013 - 4Q2012, 1/31/2013, by Antea Group. MW-1, 1,330 BTEX, 10 MTBE. MW-2, 761 BTEX, 74 MTBE. MW-4, 2,028 BTEX, 88 MTBE. MW-5, 1,398 BTEX, 1,300 MTBE. MW-6, 1,104 BTEX, 15,000 MTBE. MW-7, 68.2 BTEX, 64 MTBE. MW-15, 23,847 BTEX, less than 10 MTBE. 9/18/2012, sulfate injection into MW-1 and MW-15. 10/31/2013 - 1Q2013, 5/3/2013. The groundwater was sampled on 2/15/2013. MW-1, 2,040 BTEX. MW-2, 1,601 BTEX, 34 MTBE. MW-4, 4,619 BTEX, 130 MTBE. MW-5, 1,474 BTEX, 780 MTBE. MW-6, 1,532 BTEX, 12,000 MTBE. MW-7, 61.9 BTEX, 81 MTBE. MW-15, 13,028 BTEX. 2Q2013, 7/30/2013. Groundwater was sampled on 5/13/2013. MW-1, 2,200 BTEX. MW-2, 968 BTEX, 29 MTBE. MW-4, 2,049 BTEX, 190 MTBE. MW-5, 1,776 BTEX, 1,200 MTBE. MW-6, 1,299 BTEX, 4,900 MTBE. MW-7, 354 BTEX, 99 MTBE. MW-15, 7,824 BTEX. 11/6/2014 - 2Q2014, 7/28/2014, by Antea Group. Groundwater was sampled on 5/30/2014. MW-1, 1,775 BTEX, 9.6 MTBE. MW-2, 4,514 BTEX. MW-4, 930 BTEX. 70 MTBE. MW-5, 294 BTEX, 240 MTBE. MW-6, 716 BTEX, 3,100 MTBE. MW-7, 52.8 BTEX, 93 MTBE. MW-15, 3,163 BTEX. 4/15/2015 - 4Q2014, 1/30/2015. Monitoring on 11/20/2014. LNAPL in MW-2 (0.01'). MW-1, 1,947 BTEX, 22 MTBE. MW-4, 642 BTEX, 76 MTBE. MW-5, 216 BTEX, 240 MTBE. MW-6, 1,467 BTEX, 4,500 MTBE. MW-7, 35.7 BTEX, 84 MTBE. MW-15, 1,897 BTEX. 1Q2015, 4/15/2015. Monitoring on 2/19/2015. MW-1, 1,374 BTEX, 22 MTBE. MW-2, 1,637 BTEX. MW-4, 139 BTEX, 21 MTBE. MW-5, 135 BTEX, 350 MTBE. MW-6, 1,193 BTEX, 1,700 MTBE. MW-7, 60 BTEX, 64 MTBE. MW-15, 815 BTEX. 10/30/2015 - 2Q2015, 7/16/2015. Monitoring on 5/21/2015. MW-1, 729 BTEX, 18 MTBE. MW-2, 2,140 BTEX. MW-4, 135 BTEX. MW-5, 188 BTEX, 350 MTBE. MW-6, 256 BTEX, 100 MTBE. MW-7, 74.2 BTEX, 71 MTBE. MW-15, 1,141 BTEX. 3Q2015, 10/19/2015. Monitoring on 8/12/2015. MW-1, 1,607 BTEX, 26 MTBE. MW-2, 3,306 BTEX. MW-4, 290 BTEX, 15 MTBE. MW-5, 180 BTEX, 280 MTBE. MW-6, 377 BTEX, 260 MTBE. MW-7, 36.2 BTEX, 67 MTBE. MW-15, 986 BTEX. 1/27/2016 - 4Q2015, 1/18/2016. Monitoring on 11/4/2015. MW-1, 1,985 BTEX, 29 MTBE. MW-2, 2,606 BTEX. MW-4, 367 BTEX, 12 MTBE. MW-5, 464 BTEX, 330 MTBE. MW-6, 47.3 BTEX, 18 MTBE. MW-7, 24.2 BTEX, 57 MTBE. MW-15, 1,081 BTEX. 3/30/2016 Feng - This spill is transferred from J. Feng to J. Vought as per J. Vought. 10/6/2016 - Feng - This spill is transferred from J. Vought to J. Feng as per J. Vought. 1/19/2017 - Feng - 3Q2016, 10/28/2016. Monitoring on 8/9/2016. MW-2, 1,620 BTEX, 13 MTBE. MW-4, 120 BTEX, 7.8 MTBE. MW-5, 323 BTEX, 230 MTBE. MW-6, 138 BTEX, 75 MTBE. MW-7, 18.1 BTEX, 58 MTBE. MW-15, 3,706 BTEX. MW-16, 15 MTBE. 4Q2016, 1/13/2017. Monitoring on 11/9/2016. LNAPL in MW-2, 0.01'.

BP AMOCO STATION #3887 (Continued) **S103036428**

MW-4, 86 BTEX. MW-5, 297 BTEX, 190 MTBE. MW-6, 69.7 BTEX, 60 MTBE. MW-7, 16.7 BTEX, 50 MTBE. MW-15, 4,308 BTEX. MW-16, 1 BTEX, 16 MTBE. 5/10/2017 - Feng - 1Q2017, 4/25/2017. Monitoring on 2/7/2017. MW-2, 1,466 BTEX, 7.9 MTBE. MW-4, 443.7 BTEX, 13 MTBE. MW-5, 234 BTEX, 140 MTBE. MW-6, 126.6 BTEX, 62 MTBE. MW-7, 13.6 BTEX, 50 MTBE. MW-10, 0.98 BTEX, 16 MTBE. MW-15, 4,812 BTEX. MW-16, 14 MTBE. 5/31/2017 - Feng - This spill is transferred from June Feng to Jeffrey Vought as per Jeffrey Vought. 8/2/17-Vought-Received phone call and email from Antea(Meyer) with respect to status of RAWP. Vought asked him to resend RAWP. Meyer sent email dated 7/11/17 with RAWP and email that As discussed. Aside from BP s motivations to push this forward, the property owner is also concerned with progress. Vought performed a preliminary review of the proposal and data and noted: a maximum residual BTEX concentration of around 4000ppb Total BTEX in MW-15 which was directly on the sidewalk adjacent to the R,N,D Subway Line; depth to groundwater is from 15-20'bg and depth of adjacent subway is much greater and groundwater contour maps do not reflect a flow direction towards the subway; a decrease in Total BTEX concentration in MW-15 since 2011; the proposal included approximately 9000-gallons of water with a total mass loading of 18,000 pounds; MTA approval is needed for the bio application work. Vought discussed site with RSE and then sent email to Antea(Meyer) with cc to BP Onufrak that Chris, When you get a chance please give me a call regarding this site. After further consideration, review of the data and discussion with Randy, I think the spill may warrant closure without the carbon injection and a confirmatory call to NYCT Transit to ensure no impact, but I know consistency is important to BP and I don t want to alter from the established course. Thanks! . Vought added RAWP to D2. 8/3/17-Vought-Received voicemail message from Meyer and Onufrak. Vought returned call and spoke to Meyer and he noted that neither Antea or ARCADIS had any objections to spill closure. Spill closure based on following: maximum residual BTEX concentration of around 4000ppb Total BTEX in MW-15 which was directly on the sidewalk adjacent to the R,N,D Subway Line; depth to groundwater is from 15-20'bg and depth of adjacent subway is much greater and groundwater contour maps do not reflect a flow direction towards the subway at MW-15 which is the remaining hotspot of groundwater contamination; a significant decrease in Total BTEX concentration in MW-15 where in 2011 at was 17,450ppb Total BTEX and now is around 5000ppb Total BTEX indicating that the remaining groundwater contamination is naturally attenuating; proposal included approximately 9000-gallons of water with a total mass loading of 18,000 pounds which may impair structure of adjacent NYCT subway which is a sensitive receptor; MTA review would be needed for the bio application work and would likely have concerns regarding the proposed injection next to their subway; no reported impacts to adjacent down-gradient NYCT subway considering 20 years since spill was opened and contamination was much worse during early spill history; spill is not a threat to the wider community as per DEC Central Office guidance; further soil and groundwater cleanup is not feasibly cost effective as per CP-51 Soil Cleanup Guidance. Vought sent email to NYCT Michael Mandac with cc to Meyer/Onufrak that Mike, I hope this email finds you well in your new position at NYCT Systems Safety. I am looking to close a BP Spill at the above address that has had a long investigation and cleanup history over the past 20 years. The remaining residual groundwater contamination is in a well in the sidewalk at the gas station that is immediately adjacent to the R/N/D subway line along 4th Avenue and the Department

BP AMOCO STATION #3887 (Continued) **S103036428**

recognizes that that residual groundwater contamination in the sidewalk will continue to naturally attenuate over time. Question for you before we close the spill: Do we have any reported petroleum issues in the subway adjacent to this address? Thanks! Vought received reply from Onufrak that Hi Jeff, We are not aware of any planned use change for this site. We are a tenant. Our landlord has not made us aware of any changes. 8/4/17-Vought-Received reply from NYCT Mandac that Hi Jeff,Thanks for the kinds words. I ll need a couple of days to get some answers from the different groups involved with the subway station itself and the subway lines. Vought sent reply with cc to Onufrak and Meyer that Mike, Thanks for looking into it and we look forward to your reply! Received reply from NYCT Mandac that Jeff, The different station and MOW engineering groups have both reported no petroleum issues along the D/N/R/W line and by the 4th Avenue station. NYCT has no objections to the DEC closing out this spill. Vought replied to NYCT Mandac with thanks and note that spill will be closed. Spill closed by Vought and closure letter sent to BP Onufrack with cc to Meyer and added to D2. "

Remarks: "UNKNOWN EXACT DATE OF THE SPILL.THEY GOT THE RESULTS BACK TODAY FROM GROUND SAMPLES TAKEN.SPILL HAS NOT BEEN CLEANED UP. SPILL REASSIGN FROM O'DOWD TO ROMMEL. "

All Materials:

Site ID:	174714
Operable Unit ID:	1056304
Operable Unit:	01
Material ID:	2106682
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

Site ID:	174714
Operable Unit ID:	1056304
Operable Unit:	01
Material ID:	324460
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	True

K111 **BP PRODUCTS NORTH AMERICA BP 25716** **RCRA-VSQG** **1004572334**
ENE **164 4TH AVE** **FINDS** **N/A**
< 1/8 **BROOKLYN, NY 11217** **NY MANIFEST**
0.114 mi.
600 ft. **Site 7 of 10 in cluster K**

Relative: **Higher**

Actual: **26 ft.**

RCRA-VSQG:
Date Form Received by Agency: 20190923
Handler Name: BP PRODUCTS NORTH AMERICA BP 25716
Handler Address: 164 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD987021425
Contact Name: JESSICA VISLOCKY
Contact Address: PO BOX 6038
Contact City,State,Zip: ARTESIA, CA 90702
Contact Telephone: 973-392-6150
Contact Fax: Not reported
Contact Email: JESSICA.VISLOCKY@BP.COM
Contact Title: RETAIL COMPLIANCE COORDINATOR
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: PO BOX 80249
Mailing City,State,Zip: RANCHO SANTA MARGARITA, CA 92688
Owner Name: BP PRODUCTS NORTH AMERICA
Owner Type: Private
Operator Name: BP PRODUCTS NORTH AMERICA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20191108
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: X001
Waste Description: Not Defined

Waste Code: X003
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BP PRODUCTS NORTH AMERICA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6038
Owner/Operator City,State,Zip: ARTESIA, CA 90702
Owner/Operator Telephone: 973-392-6150
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

Owner/Operator Email: JESSICA.VISLOCKY@BP.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BP PRODUCTS NORTH AMERICA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6038
Owner/Operator City,State,Zip: ARTESIA, CA 90702
Owner/Operator Telephone: 973-392-6150
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JESSICA.VISLOCKY@BP.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: LESLIE & BROTHERS SERVICE STATION INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: LESLIE & BROTHERS SERVICE STATION INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19921106
Handler Name: LESLIE & BROTHERS SERVICE STATION INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190923
Handler Name: BP PRODUCTS NORTH AMERICA BP 25716
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20190619
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSC
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004497651

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
Name: LESLIE & BROTHERS SERVICE STATION INC
Address: 164 4TH AVE
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYD987021425
Facility Status: Not reported
Location Address 1: 164 4TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987021425
Mailing Name: LESLIE & BROTHERS SERVICE STATION INC
Mailing Contact: LESLIE & BROTHERS SERVICE STATION INC/BP SITE 25716
Mailing Address 1: PO BOX 80249
Mailing Address 2: Not reported
Mailing City: RANCHO SANTA MARGARITA
Mailing State: CA
Mailing Zip: 92688
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9494605200

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 12/01/2015
Trans1 Recv Date: 12/01/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/02/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987021425
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 012238316JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

BP PRODUCTS NORTH AMERICA BP 25716 (Continued) **1004572334**

Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D018
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K112 **LESLIE AND BROTHERS SVC STN** **EDR Hist Auto** **1020775927**
ENE **164 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.114 mi.
600 ft. **Site 8 of 10 in cluster K**

Relative: EDR Hist Auto:
Higher

Actual: **26 ft.**

Year:	Name: / Type:
1973:	ECUADORIAN SERVICE STATION / Gasoline Service Stations
1974:	L & C SERVICE STATION / Gasoline Service Stations
1975:	L & C SERVICE STATION CORP / Gasoline Service Stations
1976:	LORCONI SERVICE STATION CORP / Gasoline Service Stations
1976:	LORCOM SERVICE STATION CORP / Gasoline Service Stations
1977:	LORCONI SERVICE STATION CORP / Gasoline Service Stations
1977:	LORCOM SERVICE STATION CORP / Gasoline Service Stations
1986:	AMOCO / Gasoline Service Stations
1987:	AMOCO / Gasoline Service Stations
1988:	AMOCO / Gasoline Service Stations
1989:	AMOCO / Gasoline Service Stations
1990:	AMOCO / Gasoline Service Stations
1991:	MARK AUTO REPAIRS / General Automotive Repair Shops
1991:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1992:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1992:	MARK AUTO REPAIRS / General Automotive Repair Shops
1993:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1993:	MARK AUTO REPAIRS / General Automotive Repair Shops
1994:	MARK AUTO REPAIRS / General Automotive Repair Shops
1994:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1995:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1996:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1997:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations

K113 **BP SERVICE STATION #25716** **NY UST** **U001839102**
ENE **164 FOURTH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.114 mi.
600 ft. **Site 9 of 10 in cluster K**

Relative:
Higher

Actual:
26 ft.

UST:

Name:	BP SERVICE STATION #25716
Address:	164 FOURTH AVENUE
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-337722 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/29/2022
UTM X:	585995.01266
UTM Y:	4503637.93982
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	16202
Affiliation Type:	Facility Operator
Company Name:	BP SERVICE STATION #25716
Contact Type:	Not reported
Contact Name:	FRANKLIN PIMENTEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 222-4501
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2017-02-01

Site Id:	16202
Affiliation Type:	Emergency Contact
Company Name:	HERON FOURTH AVE LLC
Contact Type:	Not reported
Contact Name:	JESSICA VISLOCKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 781-2693
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2020-07-23

Site Id:	16202
Affiliation Type:	Facility Owner
Company Name:	HERON FOURTH AVE LLC
Contact Type:	RETAIL COMPLIANCE COORDINATOR
Contact Name:	JESSICA VISLOCKY
Address1:	1 BARKER AVE SUITE 485

BP SERVICE STATION #25716 (Continued) **U001839102**

Address2: Not reported
City: WHITE PLAINS
State: NY
Zip Code: 11042
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2020-07-23

Site Id: 16202
Affiliation Type: Mail Contact
Company Name: BP PRODUCTS NORTH AMERICA INC
Contact Type: ENV COMP. SPEC.
Contact Name: JESSICA VISLOCKY
Address1: PO BOX 6038
Address2: Not reported
City: ARTESIA
State: CA
Zip Code: 90702
Country Code: 001
Phone: (718) 781-2693
EMail: JESSICA.VISLOCKY@BP.COM
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2020-07-23

Tank Info:

Tank Number: 001
Tank ID: 28809
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1981
Date Tank Closed: 09/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)

BP SERVICE STATION #25716 (Continued) **U001839102**

H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 002
Tank ID: 28810
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1981
Date Tank Closed: 09/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 28811
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1981
Date Tank Closed: 09/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

BP SERVICE STATION #25716 (Continued) **U001839102**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 004
Tank ID: 28812
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1981
Date Tank Closed: 09/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 28813
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1970
Date Tank Closed: 12/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported

BP SERVICE STATION #25716 (Continued) **U001839102**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Tank Number: 006
Tank ID: 45699
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 04/19/1997
Date Tank Closed: 03/27/1998
Registered: True
Tank Location: Underground
Tank Type: Other
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D10 - Pipe Type - Copper
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B05 - Tank External Protection - Jacketed
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 101
Tank ID: 52919
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 09/01/1997
Date Tank Closed: Not reported

BP SERVICE STATION #25716 (Continued) **U001839102**

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXLIU
Last Modified: 04/13/2021

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 102
Tank ID: 52920
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 09/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXLIU
Last Modified: 04/13/2021

Equipment Records:

K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

BP SERVICE STATION #25716 (Continued) **U001839102**

F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 103
Tank ID: 52921
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 09/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXLIU
Last Modified: 04/13/2021

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

M114 **FULTON MUNICIPAL WORKS** **EDR MGP** **1008407890**
NW **NEVINS, DEGRAW AND SACKETT STS.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.115 mi.
605 ft. **Site 7 of 16 in cluster M**

Relative: Manufactured Gas Plants:
Lower

No additional information available

Actual:
10 ft.

M115 **FULTON WORKS** **EDR MGP** **1008407891**
NW **DEGRAW STREET AND NEVINS STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.115 mi.
607 ft. **Site 8 of 16 in cluster M**

Relative: Manufactured Gas Plants:
Lower
No additional information available

Actual:
9 ft.

Client Plot

I116 **RESTURANT/RESIDENCE** **NY Spills** **S107416639**
WSW **451 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.115 mi.
607 ft. **Site 14 of 19 in cluster I**

Relative: SPILLS:
Lower

Actual:
12 ft.

Name:	RESTURANT/RESIDENCE
Address:	451 CARROLL ST
City,State,Zip:	BROOKLYN, NY 11215
Spill Number/Closed Date:	0509324 / 2006-06-21
Facility ID:	0509324
Facility Type:	ER
DER Facility ID:	305096
Site ID:	355089
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-11-03
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2005-11-03
CID:	409
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-11-03
Spill Record Last Update:	2006-06-23
Spiller Name:	JOE
Spiller Company:	RESTURANT/RESIDENCE
Spiller Address:	451 CARROLL ST
Spiller Company:	001
Contact Name:	JOE
DEC Memo:	"Delivery today to Monties Resturant in Brooklyn. Bottom of the tank has a pinhole leak PTC ((718) 624-4842; Anthony P. Lara) has been called and is at the site now pumping out the tank. 11/7/2005 Sangesland confirmed that PTC completed a surface cleanup of the site. PTC submitted a proposal to replace the tank. Unknown what the condition under the slab floor is. Hold open until the full basement area is checked or until subsurface has been checked. 12/8/05 - Raphael Ketani. I spoke to Anthony P. Lara of PTC. He said that PTC cleaned up the spilled oil and pumped out the two leaking 275 gal.

RESTURANT/RESIDENCE (Continued) **S107416639**

tanks under the stairs. He gave an estimate to Frank Perone, the owner ((718)745-3576/(917) 805-6048), regarding what it would cost to remove the 2 tanks, replace them with one new 275 gal. tank, and do the below floor investigation. Mr. Perone told him he would get someone else. When I talked to Mr. Perone, he said that his brother had contacted Ferrantino Fuel ((718) 832-6700) for the below floor investigation. He said he would call me back regarding the extent of the oil spill investigation. I will send a contaminated soil letter to Mr. Perone at 1427 Bay Ridge Parkway, Brklyn., 11228-2212. 12/9/05 - Raphael Ketani. I called Ferrantino Fuel and spoke to one of the supervisors there. He said Ferrantino didn't do a below floor investigation and he had no information if one was ever planned. Mr. Joseph Orechio (one of the owners; (718) 745-3576) called me to say that PTC had cleaned up the spilled oil in the tank vault under the street. He said the vault walls are cobble stone with a cement floor. He said only about 2 gals. was spilled. Mr. Orechio said that he switched his oil company to Blue Diamond. I told him that a soil investigation still needs to be done. He said he would get someone to do it. Anthony Lara of PTC called me back. He said that Mr. Orechio told him to do the soil investigation. Mr. Lara said that he will do 5 borings. One at each corner and one in the middle. He will take end point samples and send me the analyticals. Mr. Lara doesn't know whether there are any cracks in the vault floor, but he said about 20 gals. had leaked from the tanks. 12/9/05 Ketani sent a do work letter 12/20/05 - Raphael Ketani. Anthony of PTC called me to say that Mr. Orechio declined his services for the soil investigation. I called up Mr. Orechio, but could only leave a voice mail message. 12/22/05 - Raphael Ketani. Mr. Issac Mungra of A. L. Eastmond & Son (718)378-7000 called to say that his company may be doing the soil investigation at the site. He will let me know if he gets the job, but first he has to inspect the tank vault. 12/28/05 - Raphael Ketani. I spoke to Mr. Mungra in person at another site. He told me that he plans to do one soil boring at each end of the tank and take soil samples at the bottom of the sump on the other side of the wall. I told him this would be sufficient for now. 6/21/06 - Raphael Ketani. Today I received a FAX from Isaac of Eastmond with a floor plan for the 3 borings that were taken, the analytical results for the soil samples, and a detailed description of what type of work was performed. The analytical results showed no contamination was present in the soil and the concrete floor was described as solid with no indications of cracks or crevices. Isaac also called me to say that the 2 tanks were replaced with new ones. Based upon the above documentation, I am closing the spill case."

Remarks: "clean up is in process."

All Materials:

Site ID:	355089
Operable Unit ID:	1112458
Operable Unit:	01
Material ID:	2102504
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I117 **CON EDISON** **NJ MANIFEST** **S120675005**
WSW **451 CARROLL ST FRONT OF** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11225**
0.115 mi.
607 ft. **Site 15 of 19 in cluster I**

Relative:
Lower

Actual:
12 ft.

NJ MANIFEST:

EPA Id:	NYP004818912
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469366JJK
EPA ID:	NYP004818912
Date Shipped:	8/5/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120675005**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

I118 **CON EDISON** **NY MANIFEST** **S119077023**
WSW **451 CARROLL ST FRONT OF** **N/A**
< 1/8 **BROOKLYN, NY 11225**
0.115 mi.
607 ft. **Site 16 of 19 in cluster I**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:
Name: CON EDISON
Address: 451 CARROLL ST FRONT OF
City,State,Zip: BROOKLYN, NY 11225
Country: USA
EPA ID: NYP004818912
Facility Status: Not reported
Location Address 1: 451 CARROLL
Code: BP
Location Address 2: SB 22610
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004818912
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/05/2015
Trans1 Recv Date: 08/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004818912
Trans1 EPA ID: Not reported

CON EDISON (Continued) **S119077023**

Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014469366JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

I119 **CON EDISON** **RCRA NonGen / NLR** **1019906244**
WSW **451 CARROLL ST FRONT OF** **N/A**
< 1/8 **BROOKLYN, NY 11225**
0.115 mi.
607 ft. **Site 17 of 19 in cluster I**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 20150805
Actual: Handler Name: CON EDISON
12 ft. Handler Address: 451 CARROLL ST FRONT OF
Handler City,State,Zip: BROOKLYN, NY 11225
EPA ID: NYP004818912
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

CON EDISON (Continued) **1019906244**

Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No

CON EDISON (Continued) **1019906244**

Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150805
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150805
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N120 **ROMAN CATHOLIC CHURCH OF OUR L** **NY UST** **U001839551**
South **522 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.118 mi.
621 ft. **Site 1 of 11 in cluster N**

Relative:
Higher

Actual:
23 ft.

UST:

Name:	ROMAN CATHOLIC CHURCH OF OUR L
Address:	522 CARROLL ST
City,State,Zip:	BROOKLYN, NY 11215
Id/Status:	2-346667 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585813.08518
UTM Y:	4503329.14780
Site Type:	School

Affiliation Records:

Site Id:	16960
Affiliation Type:	Facility Owner
Company Name:	ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	522 CARROLL ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 624-5122
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16960
Affiliation Type:	Mail Contact
Company Name:	ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	522 CARROLL ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 624-5122
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16960
Affiliation Type:	Facility Operator
Company Name:	ROMAN CATHOLIC CHURCH OF OUR L
Contact Type:	Not reported
Contact Name:	FR LOUIS DETOMMASO, O.F.M.
Address1:	Not reported

ROMAN CATHOLIC CHURCH OF OUR L (Continued) **U001839551**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 16960
Affiliation Type: Emergency Contact
Company Name: ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Contact Type: Not reported
Contact Name: FR LOUIS DETOMMASO, O.F.M.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 32929
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 05/12/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 07/03/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

ROMAN CATHOLIC CHURCH OF OUR L (Continued) **U001839551**

G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)

O121 **PRESIDENT STREET PORTFOLIO** **NY BROWNFIELDS** **S126218335**
West **469 PRESIDENT STREET AND 532 UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.118 mi.
621 ft. **Site 1 of 9 in cluster O**

Relative: **Lower**

Actual: **9 ft.**

BROWNFIELDS:

Name:	PRESIDENT STREET PORTFOLIO
Address:	469 PRESIDENT STREET AND 532 UNION STREET
City,State,Zip:	BROOKLYN, NY 11215
Program:	BCP
Site Code:	602138
Acres:	0.730
HW Code:	C224309
SWIS:	2401
Town:	New York City
Record Added Date:	03/13/2020
Record Updated Date:	11/15/2021
Update By:	GWBURKE

Site Description: "Location: The 0.73-acre site is located in an urban area in the Gowanus neighborhood of Brooklyn and consists of two non-contiguous parcels on Brooklyn Borough Tax Block 440: the E Waste Parcel and the Pontone Parcel. The two parcels are separated by BCP site No. C224220, 473 President Street. The two primary addresses associated with the site are 469 President Street and 532-542 Union Street. The site is located on the block bounded by Union Street to the north, 3rd Street to the east, President Street to the south, and Nevins Street to the west. The Gowanus Canal, a National Priorities List (NPL) site, is located about 275 feet west of the E Waste Parcel. Site Features: The E-Waste Parcel is a one-story brick and concrete building which had been occupied by an electronics recycling facility. The ground floor of the E-Waste Parcel was used as a warehouse and an office, and a partial second floor level was used for office space. The Pontone Parcel consists of an interconnected one- to three-story brick building which had been occupied by a casket manufacturer and had offices on the second and third floors. Current Zoning and Land Use: According to the New York City (NYC) Planning Commission Zoning Map 16c, the site is located in an M1-2 manufacturing zoning district. M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale and storage facilities. Offices, hotels and most retail uses are also permitted in M1 districts. The 30 January 2019 draft Gowanus zoning proposal by the NYC Department of City Planning (DCP), if approved, would rezone the site to a mixed-use district that permits residential uses (M1(3)/R6A and M1(3)/R7A). Surrounding properties include single and multi-story buildings occupied by industrial, commercial and residential tenants. Past and Current Use of the Site: The site has been occupied by commercial and industrial facilities since as early as 1886. The E-Waste Parcel was used as a blacksmithery, rag storage facility, dental manufacturing facility, parking area, warehouse, and electronics recycling facility. The E-Waste Parcel is currently unoccupied. The Pontone Parcel was used as a factory, woodworking and engraving facility, auto repair shop, painting place, and casket manufacturing facility. The Pontone Parcel is currently unoccupied. Proposed development calls for demolition of

PRESIDENT STREET PORTFOLIO (Continued) **S126218335**

existing structures and construction of a mixed-use residential and commercial building with ground floor. Site Geology and Hydrogeology: Soil and bedrock stratigraphy throughout Brooklyn typically consists of a layer of historic fill material that overlies glacial till, decomposed unconsolidated bedrock, and bedrock. Based on a previous study at a neighboring property, bedrock is present at about 200 feet below grade surface (bgs). Site stratigraphy consists of historic fill material underlain by native soil generally characterized as fine- to medium-grained sand with varying amounts of silt, clay, and gravel. Historic fill material, characterized as unconsolidated, fine-grained sand with varying amounts of gravel, brick, coal, concrete, glass, slag, organics, tar-like material, white ashy material, and silt, was encountered beneath the site to depths ranging from about 6 to 14 feet bgs. Groundwater at the site was encountered at elevations ranging from about 9 to 13 feet bgs. The inferred groundwater flow direction is generally to the west-northwest toward the Gowanus Canal and former Mill Pond. Groundwater flow is restricted by predominantly fine-grained deposits (silt) to the west of the Pontone Parcel. These fines create a localized rise in groundwater elevation that drops as grain size coarsens towards the E-Waste Parcel, continuing towards the Gowanus Canal."

Env Problem:

"Nature and Extent of Contamination: Soil was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, emerging contaminants, and metals. Groundwater was analyzed for VOCs, SVOCs, pesticides, emerging contaminants, and metals. Based upon investigations conducted to date, the primary contaminants of concern for the site include VOCs, polycyclic aromatic hydrocarbons (PAHs - a class of SVOCs), lead, mercury, copper, and arsenic. Soil: Several SVOCs (specifically, polycyclic aromatic hydrocarbons, or PAHs) were detected including benzo(a)anthracene at a maximum concentration of 120 parts per million, or ppm, exceeding its restricted residential soil cleanup objective (RRSCO) of 1 ppm, benzo(a)pyrene at a maximum concentration of 90 ppm (RRSCO is 1 ppm), benzo(b)fluoranthene at a maximum concentration of 130 ppm (RRSCO is 1 ppm), benzo(k)fluoranthene at a maximum concentration of 38 ppm (RRSCO is 3.9 ppm, chrysene at a maximum concentration of 100 ppm (RRSCO is 3.9 ppm), dibenz(a,h)anthracene at a maximum concentration of 16 ppm (RRSCO is 0.33 ppm), indeno(1,2,3-cd)pyrene at a maximum concentration of 63 ppm (RRSCO is 0.5 ppm), fluoranthene at a maximum concentration of 260 ppm (RRSCO is 100 ppm), and pyrene at a maximum concentration of 200 ppm (RRSCO is 100 ppm). Metals found include arsenic at a maximum concentration of 126 ppm (RRSCO is 16 ppm), barium at a maximum concentration of 497 ppm (RRSCO is 400 ppm), lead at a maximum concentration of 8,220 ppm (RRSCO is 400 ppm), mercury at a maximum concentration of 6.58 ppm (RRSCO is 0.81 ppm), copper at a maximum concentration of 41,900 ppm (RRSCO is 270 ppm), cadmium at a maximum concentration of 13.9 ppm (RRSCO is 4.3 ppm), and zinc at a maximum concentration of 25,400 ppm (RRSCO is 10,000 ppm). Tar-like material was encountered in the soil at depths ranging from 7 to 10 feet bgs. This material encompasses an area of about 400 square feet and is located in the northeast portion of the Pontone Parcel. No VOCs, PCBs or pesticides were detected at concentrations exceeding their respective RRSCOs. Data does not indicate any off-site impacts in soil related to this site. Groundwater: Several VOCs were detected in groundwater. Trichloroethene (TCE) and its associated degradation

PRESIDENT STREET PORTFOLIO (Continued) **S126218335**

products were found in groundwater on the western half of the site at levels exceeding the Ambient Water Quality Standard (AWQS) for TCE of 5 parts per billion, or ppb with a maximum concentration of 2,400 ppb. Benzene was found at a maximum concentration of 1.3 ppb (AWQS is 1 ppb). Cis-1,2-dichloroethene (Cis-1,2-DCE) was found at a maximum concentration of 2,500 ppb (AWQS is 5 ppb). 1,1-Dichloroethene (1,1-DCE) was found at a maximum concentration of 29 ppb (AWQS is 5 ppb). The following SVOCs were found at concentrations exceeding their respective standards: benzo(a)anthracene at a maximum concentration of 0.96 ppb (AWQS is 0.002 ppb); benzo(a)Pyrene at a maximum concentration of 0.87 ppb; benzo(b)fluoranthene at a maximum concentration of 1.1 ppb (AWQS is 0.002 ppb); benzo(k)fluoranthene at a maximum concentration of 0.45 ppb (AWQS is 0.002 ppb); chrysene at a maximum concentration of 0.84 ppb (AWQS is 0.002 ppb); and indeno(1,2,3-c,d)pyrene at a maximum concentration of 0.58 ppb (AWQS is 0.002 ppb). Perfluorooctanoic Acid (PFOA) was found exceeding its maximum contaminant level (MCL) of 10 ppt at a maximum concentration of 119 ppt. Perfluorooctanesulfonic Acid (PFOS) was found exceeding its MCL of 10 ppt at a maximum concentration of 27.3 ppt. Data does not indicate any off-site impacts in groundwater related to this site. Soil Vapor and Indoor Air: TCE was detected at a maximum concentration of 1,730 micrograms per cubic meter (ug/m3) in the soil vapor, and 31.3 ug/m3 in indoor air, above the TCE Air Guideline Value of 2 ug/m3. Concentrations of TCE in the soil vapor and concurrent indoor air are above the threshold for mitigation of vapor intrusion. DCE was detected at a maximum concentration of 139 ug/m3 in the soil vapor and was not detected in indoor air. 1,1-DCE was detected at a maximum concentration of 8.05 ug/m3 in the soil vapor and was not detected in indoor air. Data does not indicate that there is the potential for off-site impacts in soil vapor related to this site."

Health Problem: "Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. People will not come into contact with contaminated soil or groundwater since the site is covered with buildings and concrete unless they dig below the ground surface. Volatile organic compounds in the soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling indicates that the potential exists for the inhalation of site contaminants due to soil vapor intrusion for the existing buildings onsite as well as any future on-site development. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-06-23 14:39:00
Record Upd: 2020-12-17 11:36:00
Updated By: RPMUSTIC
Own Op: 6

PRESIDENT STREET PORTFOLIO (Continued) **S126218335**

Sub Type:	P03
Owner Name:	Jesse Wark
Owner Company:	473 President LLC
Owner Address:	c/o Avery Hall Investments
Owner Addr2:	51 East 12th Street, 7th Floor
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Carroll Gardens Branch
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224309
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	1,1 dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	manganese
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	magnesium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224309
Waste Type:	trichloroethene (TCE)

PRESIDENT STREET PORTFOLIO (Continued) **S126218335**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: cadmium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: polycyclic aromatic hydrocarbons (PAHS), total
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: arsenic
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: copper
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224309
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

P122 **D GAVER & SONS INC** **NY UST U001831861**
North **267 DOUGLASS ST** **NY LTANKS N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
623 ft. **Site 1 of 5 in cluster P**

Relative: LTANKS:
Lower
Name: 267 DOUGLASS STREET
Actual: Address: 267 DOUGLASS STREET
17 ft. City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8800904 / 1992-10-02
Facility ID: 8800904
Site ID: 104086
Spill Date: 1988-04-28
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: 1992-10-02
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1988-04-28
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester

D GAVER & SONS INC (Continued) **U001831861**

Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-04-29
Spill Record Last Update: 2002-02-15
Spiller Name: Not reported
Spiller Company: D. GARBER & SONS.
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 92017
DEC Memo: ""
Remarks: "CAPACITY IS A 7,000 GALLON TANK WITH A LEAK RATE OF +2.248 G.P.H.
THE TANK IS LOCATED UNDER CEMENT SO NAT RECOMMENDS TO UNCOVER AND RE-TEST FOR POSSIBLE AIR POCKETS."

All TTF:
Facility ID: 8800904
Spill Number: 8800904
Spill Tank Test: 1533785
Site ID: 104086
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 104086
Operable Unit ID: 916385
Operable Unit: 01
Material ID: 460068
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Name: D GAVER & SONS INC

D GAVER & SONS INC (Continued) **U001831861**

Address: 267 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-070114 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585822.91213
UTM Y: 4503761.31858
Site Type: Other

Affiliation Records:
Site Id: 1532
Affiliation Type: Facility Owner
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: Not reported
Address1: 267 DOUGLASS ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 858-2143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1532
Affiliation Type: Mail Contact
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: ROBERT GAVER
Address1: 267 DOUGLASS ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 858-2143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1532
Affiliation Type: Facility Operator
Company Name: D GAVER & SONS INC
Contact Type: Not reported
Contact Name: ROBERT GAVER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2143

D GAVER & SONS INC (Continued) **U001831861**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1532
Affiliation Type: Emergency Contact
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: ROBERT WALKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 852-0392
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 2762
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7000
Install Date: Not reported
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 05/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

N123 **P.S. 372 (OUR LADY OF PEACE) K 834** **NY UST** **U004272241**
South **512 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.118 mi.
624 ft. **Site 2 of 11 in cluster N**

Relative:
Higher

Actual:
21 ft.

UST:

Name:	P.S. 372 (OUR LADY OF PEACE) K 834
Address:	512 CARROLL STREET
City,State,Zip:	BROOKLYN, NY 11215
Id/Status:	2-267562 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/14/2022
UTM X:	585745.85360
UTM Y:	4503353.38680
Site Type:	School

Affiliation Records:

Site Id:	11110
Affiliation Type:	Mail Contact
Company Name:	RC CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	REV. ORLANDO RUIZ, OFM
Address1:	522 CARROLL STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 624-5122
EMail:	OLP1899@AOL.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	11110
Affiliation Type:	Emergency Contact
Company Name:	R C CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 344-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	11110
Affiliation Type:	Facility Operator
Company Name:	P.S. 372 (OUR LADY OF PEACE) K 834
Contact Type:	Not reported
Contact Name:	MICHAEL LANZI
Address1:	Not reported

P.S. 372 (OUR LADY OF PEACE) K 834 (Continued) **U004272241**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5271
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-02-16

Site Id: 11110
Affiliation Type: Facility Owner
Company Name: R C CHURCH OF OUR LADY OF PEACE
Contact Type: PASTOR
Contact Name: REV. ORLANDO RUIZ, OFM
Address1: 522 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-11-07

Tank Info:

Tank Number: 002
Tank ID: 63954
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 5000
Install Date: 08/01/1974
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 51
Date Test: 06/08/2021
Next Test Date: 06/08/2022
Pipe Model: Not reported
Modified By: LABATIST
Last Modified: 06/10/2021

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle

P.S. 372 (OUR LADY OF PEACE) K 834 (Continued) **U004272241**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping

N124 **P.S. 372 (OUR LADY OF PEACE) K 834** **NY AST** **A100295716**
South **512 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.118 mi.
624 ft. **Site 3 of 11 in cluster N**

Relative:
Higher

Actual:
21 ft.

AST:

Name:	P.S. 372 (OUR LADY OF PEACE) K 834
Address:	512 CARROLL STREET
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-267562
Program Type:	PBS
UTM X:	585745.85360
UTM Y:	4503353.38680
Expiration Date:	12/14/2022
Site Type:	School

Affiliation Records:

Site Id:	11110
Affiliation Type:	Mail Contact
Company Name:	RC CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	REV. ORLANDO RUIZ, OFM
Address1:	522 CARROLL STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 624-5122
EMail:	OLP1899@AOL.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	11110
Affiliation Type:	Emergency Contact
Company Name:	R C CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 344-5752
EMail:	Not reported

P.S. 372 (OUR LADY OF PEACE) K 834 (Continued) **A100295716**

Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-11-07

Site Id: 11110
Affiliation Type: Facility Operator
Company Name: P.S. 372 (OUR LADY OF PEACE) K 834
Contact Type: Not reported
Contact Name: MICHAEL LANZI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5271
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-02-16

Site Id: 11110
Affiliation Type: Facility Owner
Company Name: R C CHURCH OF OUR LADY OF PEACE
Contact Type: PASTOR
Contact Name: REV. ORLANDO RUIZ, OFM
Address1: 522 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-11-07

Tank Info:

Tank Number: 001
Tank Id: 18293
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

P.S. 372 (OUR LADY OF PEACE) K 834 (Continued) **A100295716**

	D01 - Pipe Type - Steel/Carbon Steel/Iron
	K00 - Spill Prevention - None
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	10000
Tightness Test Method:	03
Date Test:	05/01/1998
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	11/07/2017
Material Name:	#2 fuel oil (on-site consumption)

N125 **PUBLIC SCHOOL** **NY LEAD S106469867**
South **512 CARROLL ST** **NY Spills N/A**
< 1/8 **BROOKLYN, NY**
0.118 mi.
624 ft. **Site 4 of 11 in cluster N**

Relative: **Higher**

Actual: **21 ft.**

SPILLS:

Name:	PUBLIC SCHOOL
Address:	512 CARROLL ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0402598 / 2021-10-20
Facility ID:	0402598
Facility Type:	ER
DER Facility ID:	233652
Site ID:	288471
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2004-06-09
Investigator:	RHLIN
Referred To:	Not reported
Reported to Dept:	2004-06-09
CID:	444
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-09
Spill Record Last Update:	2021-10-20
Spiller Name:	BRAD MULLNER
Spiller Company:	PS 372 SCHOOL
Spiller Address:	512 CARROLL ST.
Spiller Company:	001
Contact Name:	BRAD MULLNER

PUBLIC SCHOOL (Continued) **S106469867**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project. 12/08/2005: Joe White spoke sith James Merlo, the NYC Schools spill coordinator, who will be sending the closeoout report for this spill. 1/9/2006: Mr Merlo indicated that this property is not managed by the NYC Division of School Facilities but is privately owned. 1/23/2006: Joe White sent a letter to school superintendent requesting additional information. A copy of this letter is on eDocs files system for our records. 1/27/2006: Joe White received a call from the school maintennce, Vinnie Peters (718-923-1650) who indicated that they had no records for the spill and the contact number for the Berger firm that did the work did not work. However, Vinnie indicated that there is no obvious problem currently at the site and no work is ongoing at present to address any problem and they are not aware of any problem. This spill was addressed in the past and work concluded. Joe White will follow up to see if we can get something from the Berger firm to document closure. 11/16/06 - Austin - Reassigned to Rahman for followup/review - end 11/19/09 Letter was sent to(asking pertinent documents) P.S. 372, The Children s School 512 Carroll Street Brooklyn, NY 11215 Attn: Lorraine Boyhan(sr) 12/14/09 Rec'd letter requesting extension of report submittal.Letter is from Wingate,Kearney & Cullen,LLP.(sr) 04/5/10 Rec'd email from Katie Coon.She is with Wingate,Kearney & Cullen.She has requested the copy of the Phase II report to the tenant.Once she receives the report, she will forward it to DEC.(sr) 5/30/14 - Austin - Spill transferred from Rahman to Mahat for followup - end 11/5/14: Mahat e/c : An email was sent out to Mr. Munendra Sharma inquiring recent data/report on the spill case. 10/6/2016: Rashad Spill will be reassigned to DEC Omar from DEC Mahat. 11/2/2016: Rashad 512 Carroll Street has alternate addresses of 512-522 Carroll Street and 2-34 Denton Place. No additional spills found, PBS#2-346667 found for site there is a 5000 gallon #2fuel oil UST converted to non regulated use. Various letters found in D2. 11/8/2016: Rashad Sent email to Ms. Guterman: I was previously reassigned a spill from 512 Carroll Street in Brooklyn for P.S 372. I have found a Phase 1 for this site prepared by Louis Berger and I am looking for the Phase 2 report, as well as any documentation stating if further work was completed. Any additional information on this site would be much appreciated so that I may close out this older spill. Thank you. Review of paper documents yielded Phase 1 and Phase 2 reports, they have been uploaded to D2. Brief Review of Phase 1 is as follows: The complex will be comprised of three buildings, the church, the school building, and the recreational center. The site consists of a two story brick building with a basement and has been used for educational and recreational purposes since being built in the 1920s. To the east of the site is a car wash and auto repair facility. Also a Con Ed facility is located adjacent to the south of the site. The mail school and church use a 5000 gallon #2fuel oil UST. One 10,000 gallon AST is located in the main building. Review of Phase 2 is as follows: The investigation consists of three temporary well points, three soils borings along the perimeter, and 2 borings in the basement. Groundwater was encountered in soil borings from 14-18ftbg. SB-04 (3-4ft): No VOCs or SVOCs were detected in soil sample. SB-05 (0-3ft): No VOCs were detected, SVOCs were detected slightly above standards in soil. SB-01 Water Sample: Benzene-229ppb, toluene-1570ppb, ethylbenzene-853ppb, xylene-1020ppb, 1,2,4 trimethylbenzene-337ppb, naphthalene-3930ppb. SB-02 Water Sample:

PUBLIC SCHOOL (Continued) **S106469867**

Benzene-8.65ppb, Naphthalene-393ppb. SB-03 Water Sample: Benzene-21.9ppb, toluene-61.3ppb, Ethylbenzene-67.7ppb, Naphthalene-921ppb Sheen and odor were observed in all three groundwater wells. The report concludes that there is petroleum contamination in soil and groundwater, however the source could not be determined. They recommend construct a vapor barrier to prevent migration of VOCs from soil gas into basement . 11/18/2016: Rashad Received email from Lee Guterman yesterday: In response to your request, we have pulled the attached information from our project files. These documents include a Phase II Environmental Site Investigation report for the site, an IAQ Report, and a letter regarding suitability for occupancy of the building basement. Our records indicate that this information was shared with the property owner back in 2004. We would recommend that you reach out directly to the landlord if you have any further questions, since he would be better positioned to address any work that may have been done after our involvement. Three files were attached to email. Files need to be reviewed. 11/17/17 - Obligado - spill transferred to Obligado from Omar as per Austin 1/17/2017 Austin This spill report is being transferred from Rashad Omar to Andre Obligado end. 12/19/2017 - Austin - Project transferred from Andre Obligado to Rick Lin - end 10/20/17-Lin-No elevated soil contamination was found in the soil samples and sheen was found in the monitoring wells. Based on database search, found a spill site across the street at 505 carrol st, Brooklyn (spill# 0602894). The spill at 505 carroll was reported in 2006. They found soil and groundwater contamination at the site from phase I and II and found the leak to be from an UST at the site. The UST has since been removed. Soil injection was performed to treatment the contamination. The spill was closed in 2008 based on soil and groundwater results. Since the source of the contamination was removed, any residue contamination at 512 carol is expected to attenuate naturally. Case closed."

Remarks: "LAB RESULTS BACK , 5 BORINGS, OBTAINED ELEVATED READINGS TYPE OF CHEMICALS FOUND IN SOIL, SEMIVOLATILES; IN GROUND WATER HAD VOC'S MAINLY DEALING WITH BTECHS ALSO SOME SEMIVOLATILES IN GROUNDWATER"

All Materials:

Site ID:	288471
Operable Unit ID:	884268
Operable Unit:	01
Material ID:	490215
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NYC LEAD 2:

Name:	P.S. 372 (OUR LADY OF PEACE)-K
Address:	512 CARROLL STREET
City,State,Zip:	BROOKLYN, NY
Geographical District:	15
Building Code:	K834

PUBLIC SCHOOL (Continued) **S106469867**

Room: 102
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: 103
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: 104
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: 301
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: B08
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: B09
Deteriorated Paint: NO

PUBLIC SCHOOL (Continued) **S106469867**

Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: B10
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: B12
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 372 (OUR LADY OF PEACE)-K
Address: 512 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Geographical District: 15
Building Code: K834
Room: B14
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

N126 **PS 418 K SCHOOL** **RCRA-LQG** **1016144416**
South **512 CARROLL ST** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11215** **FINDS**
0.118 mi. **NY MANIFEST**
624 ft. **Site 5 of 11 in cluster N**

Relative: **Higher**
Actual: **21 ft.**

RCRA-LQG:
Date Form Received by Agency: 20140220
Handler Name: PS 418 K SCHOOL
Handler Address: 512 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000199968
Contact Name: ALEXANDER LEMPERT
Contact Address: THOMSON AVE
Contact City,State,Zip: LONG ISLAND CITY, NY 11101
Contact Telephone: 718-472-8501
Contact Fax: Not reported
Contact Email: ALEMPERT@NYCSCA.ORG
Contact Title: SCAIEH DIRECTOR
EPA Region: 02
Land Type: Municipal

PS 418 K SCHOOL (Continued) **1016144416**

Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: THOMSON AVE
Mailing City,State,Zip: LONG ISLAND CITY, NY 11101
Owner Name: NYC DEPARTMENT OF EDUCATION
Owner Type: Municipal
Operator Name: NYC DEPARTMENT OF EDUCATION
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No

PS 418 K SCHOOL (Continued) **1016144416**

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPARTMENT OF EDUCATION
Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: 44-36 VERNON BLVD
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPT OF EDUCATION
Legal Status: Municipal
Date Became Current: 19730517
Date Ended Current: Not reported
Owner/Operator Address: 30-30 THOMSON AVE
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-472-8501
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF SCHOOL FACILITIES
Legal Status: Municipal
Date Became Current: 19730517
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPARTMENT OF EDUCATION

PS 418 K SCHOOL (Continued) **1016144416**

Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: 44-36 VERNON BLVD
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140220
Handler Name: PS 418 K SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130423
Handler Name: NYC DEPT OF EDUCATION - PS 834K
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055471760

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource

PS 418 K SCHOOL (Continued) **1016144416**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1016144416
Registry ID: 110055471760
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110055471760
Name: PS 418 K SCHOOL
Address: 512 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
Name: NYC DEPT OF EDUCATION - PS 418K
Address: 512 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000199968
Facility Status: Not reported
Location Address 1: 512 CARROLL ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000199968
Mailing Name: NYC DEPT OF EDUCATION - PS 418K
Mailing Contact: NYC DEPT OF SCHOOL CONTRUCTION AUTHORITY - PS 834
Mailing Address 1: 30-30 THOMSON AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184728000

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 08/30/2013
Trans1 Recv Date: 08/30/2013
Trans2 Recv Date: 09/04/2013
TSD Site Recv Date: 09/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

PS 418 K SCHOOL (Continued) **1016144416**

Generator EPA ID:	NYR000199968
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ALD000622464
TSDF ID 2:	Not reported
Manifest Tracking Number:	006378703JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H132
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	254
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q127 **CON EDISON** **NJ MANIFEST** **S120670870**
NE **315 DOUGLASS ST SB13610** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
624 ft. **Site 1 of 10 in cluster Q**

Relative: **Higher**
Actual: **24 ft.**

NJ MANIFEST:

EPA Id:	NYP004772364
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported

CON EDISON (Continued) **S120670870**

Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002661010GBF
EPA ID: NYP004772364
Date Shipped: 4/22/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Q128 **CON EDISON** **NJ MANIFEST** **S120670868**
NE **315 DOUGLASS ST SB13609** **NJ MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
624 ft. **Site 2 of 10 in cluster Q**

Relative: NJ MANIFEST:
Higher
EPA Id: NYP004772349
Actual: Mail Address: IRVING PL 15TH FL NE
24 ft. Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported

CON EDISON (Continued) **S120670868**

Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002620424GBF
EPA ID: NYP004772349
Date Shipped: 4/22/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Q129 **CON EDISON** **NY MANIFEST** **S119074696**
NE **315 DOUGLASS ST SB13609** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
624 ft. **Site 3 of 10 in cluster Q**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	315 DOUGLASS ST SB13609
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004772349
Facility Status:	Not reported
Location Address 1:	315 DOUGLASS ST
Code:	BP
Location Address 2:	SB 13609
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004772349
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	04/22/2015
Trans1 Recv Date:	04/22/2015
Trans2 Recv Date:	04/27/2015
TSD Site Recv Date:	04/27/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004772349
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002620424GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119074696**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q130 **CON EDISON** **NY MANIFEST** **S119074698**
NE **315 DOUGLASS ST SB13610** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
624 ft. **Site 4 of 10 in cluster Q**

Relative: **Higher**
Actual: **24 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	315 DOUGLASS ST SB13610
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004772364
Facility Status:	Not reported
Location Address 1:	325 DOUGLASS ST
Code:	BP
Location Address 2:	SB 13610
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004772364
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported

CON EDISON (Continued) **S119074698**

Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 04/22/2015
Trans1 Recv Date: 04/22/2015
Trans2 Recv Date: 04/27/2015
TSD Site Recv Date: 04/27/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004772364
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002661010GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Q131 **CON EDISON** **FINDS** **1019902321**
NE **315 DOUGLASS ST SB13610** **ECHO** **N/A**
< 1/8 **BROOKLYN, NY 11217** **RCRA NonGen / NLR**
0.118 mi.
624 ft. **Site 5 of 10 in cluster Q**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150422
Handler Name: CON EDISON
Handler Address: 315 DOUGLASS ST SB13609
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004772349
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CON EDISON (Continued) **1019902321**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

CON EDISON (Continued) **1019902321**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069681641

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019902321
Registry ID: 110069681641
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069681641
Name: CON EDISON
Address: 315 DOUGLASS ST SB13610
City,State,Zip: BROOKLYN, NY 11217

Q132 **CON EDISON** **RCRA NonGen / NLR** **1019902323**
NE **315 DOUGLASS ST SB13610** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.118 mi.
624 ft. **Site 6 of 10 in cluster Q**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150422
Handler Name: CON EDISON
Handler Address: 315 DOUGLASS ST SB13610
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004772364
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

CON EDISON (Continued) **1019902323**

Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported

CON EDISON (Continued) **1019902323**

Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P133 **CON EDISON** **RCRA NonGen / NLR** **1025887462**
NNE **191 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.119 mi.
630 ft. **Site 2 of 5 in cluster P**

Relative: **Higher**

Actual: **20 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20220202
Handler Name: CON EDISON
Handler Address: 191 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP005242946
Contact Name: THOMAS TEELING
Contact Address: IRVING PL 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CON EDISON (Continued) **1025887462**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220202
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20220202
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190318
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No

CON EDISON (Continued) **1025887462**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P134 **ELECTRIC SWITCHBOARD CO INC** **RCRA NonGen / NLR** **1000181231**
NNE **185 THIRD AVE** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.120 mi.
633 ft. **Site 3 of 5 in cluster P**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: ELECTRIC SWITCHBOARD CO INC
Handler Address: 185 THIRD AVE
Handler City,State,Zip: BROOKLYN, NY 11217-3003
EPA ID: NYD001548254
Contact Name: Not reported
Contact Address: THIRD AVE
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: THIRD AVE
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: F RAYMOND WALSH
Owner Type: Private
Operator Name: F RAYMOND WALSH
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: U228
Waste Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: F RAYMOND WALSH
Legal Status: Private
Date Became Current: Not reported

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: F RAYMOND WALSH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: F RAYMOND WALSH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: ELECTRIC SWITCHBOARD CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ELECTRIC SWITCHBOARD CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ELECTRIC SWITCHBOARD CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: ELECTRIC SWITCHBOARD CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335313
NAICS Description: SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19861117
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:
Name: ELECTRIC SWITCHBOARD COMPANY
Address: 185 THIRD AVE
City,State,Zip: BROOKLYN, NY 11217-3003
Country: USA
EPA ID: NYD001548254
Facility Status: Not reported
Location Address 1: 185 THIRD AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001548254
Mailing Name: ELECTRIC SWITCHBOARD COMPANY
Mailing Contact: SOLLITTO VINCENT J PRESID
Mailing Address 1: 185 THIRD AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Mailing Phone: 2126431105

P135 **CON EDISON SERVICE BOX: 2** **RCRA NonGen / NLR** **1016961469**
North **265 DOUGLAS ST FRONT OF** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11201**
0.120 mi.
634 ft. **Site 4 of 5 in cluster P**

Relative: **Lower**

Actual: **17 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20130905
Handler Name: CON EDISON SERVICE BOX: 2
Handler Address: 265 DOUGLAS ST FRONT OF
Handler City,State,Zip: BROOKLYN, NY 11201
EPA ID: NYP004341855
Contact Name: ANTHONY SIGNORE
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4714
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: GENERAL UTILITY WORKER L1-2
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No

CON EDISON SERVICE BOX: 2 (Continued) **1016961469**

Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130805
Handler Name: CON EDISON SERVICE BOX: 2
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130905
Handler Name: CON EDISON SERVICE BOX: 2
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

CON EDISON SERVICE BOX: 2 (Continued) **1016961469**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 265 DOUGLAS ST FRONT OF
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004341855
Facility Status: Not reported
Location Address 1: OPP 265 DOUGLASS ST
Code: BP
Location Address 2: SB #2
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004341855
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/05/2013
Trans1 Recv Date: 08/05/2013
Trans2 Recv Date: Not reported

CON EDISON SERVICE BOX: 2 (Continued) **1016961469**

TSD Site Recv Date: 08/06/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004341855
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002219361GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

P136 **DOUGLASS STREET AND** **NY Spills** **S106126094**
North **NEVIS STREET AND 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.121 mi.
641 ft. **Site 5 of 5 in cluster P**

Relative: SPILLS:
Lower
Name: DOUGLASS STREET AND
Actual: Address: NEVIS STREET AND 3RD AVE
16 ft. City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0307793 / 2003-11-13
Facility ID: 0307793
Facility Type: ER
DER Facility ID: 252635
Site ID: 313319
DEC Region: 2
Spill Cause: Deliberate
Spill Class: C3

DOUGLASS STREET AND (Continued) **S106126094**

SWIS: 2401
Spill Date: 2003-10-23
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2003-10-23
CID: 282
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-23
Spill Record Last Update: 2003-11-13
Spiller Name: SAME
Spiller Company: UNKNOWN FOR NOW
Spiller Address: SAME
Spiller Company: 001
Contact Name: CHRIS HAAS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 11/13/03 TJD No abandonned tanker found at this location. Spill closed."
Remarks: "DEP GOT A CALL FOR AN ABNADONED OIL TRUCK AT ABOVE LOCATION NO PLATES ON THE TRUCK.THERE IS PRODUCT IN THE TANK ALSO CELL NUMBER 917-769-1263"

All Materials:
Site ID: 313319
Operable Unit ID: 876339
Operable Unit: 01
Material ID: 501320
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

I137 **CON EDISON** **FINDS 1019906853**
WSW **443 CARROLL ST** **ECHO N/A**
< 1/8 **BROOKLYN, NY 11209** **RCRA NonGen / NLR**
0.122 mi.
643 ft. **Site 18 of 19 in cluster I**

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 20150820
Actual: Handler Name: CON EDISON
12 ft. Handler Address: 443 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11209
EPA ID: NYP004827267
Contact Name: THOMAS TEELING
Contact Address: Not reported

CON EDISON (Continued) **1019906853**

Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No

CON EDISON (Continued) **1019906853**

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150820
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150820
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CON EDISON (Continued) **1019906853**

FINDS:
Registry ID: 110069675435

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019906853
Registry ID: 110069675435
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069675435
Name: CON EDISON
Address: 443 CARROLL ST
City,State,Zip: BROOKLYN, NY 11209

I138 **CON ED** **NY MANIFEST** **S118259177**
WSW **443 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.122 mi.
643 ft. **Site 19 of 19 in cluster I**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:
Name: CON ED
Address: 443 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004827627
Facility Status: Not reported
Location Address 1: 443 CARROLL ST
Code: BP
Location Address 2: SB 82030
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004827627
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported

CON ED (Continued) **S118259177**

Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/20/2015
Trans1 Recv Date:	08/20/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004827627
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002624799GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

R139 **MANHOLE 2545** **NY Spills** **S106013083**
SW **468 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.123 mi.
651 ft. **Site 1 of 6 in cluster R**

Relative: **Lower**

Actual: **13 ft.**

SPILLS:

Name:	MANHOLE 2545
Address:	468 CARROLL ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0300423 / 2003-04-15
Facility ID:	0300423
Facility Type:	ER
DER Facility ID:	237470
Site ID:	293386
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2003-04-11
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	2003-04-12
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-04-12
Spill Record Last Update:	2003-04-15
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	SEAN MCKEEVER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ e2mis 147860 4-11-03 0950 HRS C. LUGO # 03594 MECH A FLUSH DEPT REPORTS WHILE GETTING READY TO FLUSH STRUCTURE FOR SERV (#9) BUR (N/L) IN MH2545 F/O # 468 CARROLL ST HE FOUND APPROX 1 QUART UNKNOWN OIL ON 300 GALLONS WATER. THERE WAS NO FIRE OR SMOKE AT THIS LOCATION. NO PRIVATE PROPERTY AFFECTED, NO INJURIES. HE DOES NOT SEE A SEWER CONNECTION OR SUMP AT THIS TIME. LIQUID SEEMS CONTAINED , NO SEWERS OR WATERWAYS AFFECTED. HE TOOK A LIQUID SAMPLE AND REQUESTED EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP PENDING SAMPLE RESULTS. CHAIN OF CUSTODY # CC07418. HE PLACED E.S.TAG # 34810. N/P 0800 HRS TO 1800 HRS MONDAY TO FRIDAY. CIG P. DIDONATO (S. MCKEEVER) NOTIFIED 1014 HRS Aroclor 1260 < 1.0 ppm EPA 608/8082 UPDATE 4-12-03 0810 HRS AT 0810 HRS K. QUEST REPORTS HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760 HE REMOVED ALL LIQUIDS WITH HIS VACTOR. HE FOUND A DRAIN , CHECK DRAIN FOUND NO SIGNS OF OIL IN DRAIN (LIQUID WAS NOT DRAINING OFF INTO DRAIN) HE CEMENT DRAIN. NOTIFIED CIG S MCKEEVER OF DRAIN AND ALSO SPOKE TO ERT W. CAPUNE 0812 HRS ABOUT DRAIN , WAS TOLD TO TAKE THIS OFF THE 24 HRS PROGRAM. CLEANUP . K.QUEST REMOVED E.S.TAG # 34810. INCIDENT WAS TAKEN OFF 24 HRS

MANHOLE 2545 (Continued) **S106013083**

PROGRAM CIG NOTIFIED S. MCKEEVER AND INCIDEN IS COMPLETED. "

Remarks: "1 quart on 300 gals of water - ref #147860"

All Materials:

Site ID:	293386
Operable Unit ID:	868725
Operable Unit:	01
Material ID:	508502
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

S140 **CON EDISON** **PA MANIFEST** **S123093387**
SSE **237 4TH AVE** **PA MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.124 mi.
654 ft. **Site 1 of 11 in cluster S**

Relative:
Higher

Actual:
27 ft.

Manifest Details:

Year:	2017
Manifest Number:	010427665FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP005107804
Generator Date:	07/07/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Cargo tanks (tank trucks)
Waste Quantity:	500
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

O141 **CRUSADER CANDLE CO INC** **FINDS** **1000694280**
West **325 NEVINS ST** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **RCRA-SQG**
0.128 mi. **NY MANIFEST**
678 ft. **Site 2 of 9 in cluster O**

Relative: **Lower**

Actual: **10 ft.**

RCRA-SQG:
Date Form Received by Agency: 20150806
Handler Name: CRUSADER CANDLE CO INC
Handler Address: 325 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11215-1015
EPA ID: NYD987005840
Contact Name: Not reported
Contact Address: NEVINS ST
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: NEVINS ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: PAUL J MORRA
Owner Type: Private
Operator Name: PAUL J MORRA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CRUSADER CANDLE CO INC (Continued) **1000694280**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150810
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PAUL J MORRA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 145 KILBURN RD
Owner/Operator City,State,Zip: GARDEN CITY, NY 11530
Owner/Operator Telephone: 718-625-0005
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

CRUSADER CANDLE CO INC (Continued) **1000694280**

Owner/Operator Name: PAUL J MORRA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 145 KILBURN RD
Owner/Operator City,State,Zip: GARDEN CITY, NY 11530
Owner/Operator Telephone: 718-625-0005
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PAUL J MORRA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 145 KILBURN RD
Owner/Operator City,State,Zip: GARDEN CITY, NY 11530
Owner/Operator Telephone: 718-625-0005
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAUL J MORRA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 145 KILBURN RD
Owner/Operator City,State,Zip: GARDEN CITY, NY 11530
Owner/Operator Telephone: 718-625-0005
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAUL J MORRA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 145 KILBURN RD
Owner/Operator City,State,Zip: GARDEN CITY, NY 11530
Owner/Operator Telephone: 718-625-0005
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: CRUSADER CANDLE CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

CRUSADER CANDLE CO INC (Continued) **1000694280**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CRUSADER CANDLE CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CRUSADER CANDLE CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150806
Handler Name: CRUSADER CANDLE CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920612
Handler Name: CRUSADER CANDLE CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CRUSADER CANDLE CO INC (Continued) **1000694280**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

CRUSADER CANDLE CO INC (Continued) **1000694280**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20090813
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2RAM
Evaluation Responsible Sub-Organization: DESA
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20150806
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2STP
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004491283

CRUSADER CANDLE CO INC (Continued) **1000694280**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000694280
Registry ID: 110004491283
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004491283
Name: CRUSADER CANDLE CO INC
Address: 325 NEVINS ST
City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
Name: CRUSADER CANDLE CO INC
Address: 325 NEVINS ST
City,State,Zip: BROOKLYN, NY 11215-1015
Country: USA
EPA ID: NYD987005840
Facility Status: Not reported
Location Address 1: 325 NEVINS ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987005840
Mailing Name: CRUSADER CANDLE CO INC
Mailing Contact: CRUSADER CANDLE CO INC
Mailing Address 1: 325 NEVINS ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186250005

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 12/30/2013
Trans1 Recv Date: 12/30/2013
Trans2 Recv Date: Not reported

CRUSADER CANDLE CO INC (Continued) **1000694280**

TSD Site Recv Date:	01/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	004065131SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

O142 **325 NEVINS STREET** **NY LTANKS** **S102672916**
West **325 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.128 mi.
678 ft. **Site 3 of 9 in cluster O**

Relative: **Lower**
Actual: **10 ft.**

LTANKS:

Name:	325 NEVINS STREET
Address:	325 NEVINS STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9501568 / 1995-05-08
Facility ID:	9501568
Site ID:	266812
Spill Date:	1995-05-08
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1995-05-08

325 NEVINS STREET (Continued) **S102672916**

SWIS: 2401
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1995-05-08
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-05-19
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: WHALECO - DRIVER
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 217327
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks: ""

All Materials:
Site ID: 266812
Operable Unit ID: 1015969
Operable Unit: 01
Material ID: 370173
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: 2.00
Oxygenate: Not reported

Name: 325 NEVINS STREET
Address: 325 NEVINS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9508359 / 1995-10-09
Facility ID: 9508359
Site ID: 266813
Spill Date: 1995-10-09
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C6
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1995-10-09
CID: 205

325 NEVINS STREET (Continued) **S102672916**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-10-09
Spill Record Last Update:	1995-10-30
Spiller Name:	Not reported
Spiller Company:	WHALCO FUEL OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	CRUSADER CANDLE CO
Spiller Phone:	(718) 625-0005
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	217327
DEC Memo:	""
Remarks:	"TANK OVERFILL"

All Materials:

Site ID:	266813
Operable Unit ID:	1019061
Operable Unit:	01
Material ID:	362868
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

O143 **CRUSADER CANDLE CO INC** **NJ MANIFEST** **S117984914**
West **325 NEVINS ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.128 mi.
678 ft. **Site 4 of 9 in cluster O**

Relative: **Lower**

Actual: **10 ft.**

NJ MANIFEST:

EPA Id:	NYD987005840
Mail Address:	NEVINS ST
Mail City/State/Zip:	BROOKLYN, NY 11215
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Change: Not reported

Manifest:
Manifest Number: 003733085SKS
EPA ID: NYD987005840
Date Shipped: 8/23/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004932074SKS
EPA ID: NYD987005840
Date Shipped: 6/8/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 003099382SKS
EPA ID: NYD987005840
Date Shipped: 5/30/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 18.00 gallons

Manifest Number: 003310296SKS
EPA ID: NYD987005840
Date Shipped: 12/17/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 003101442SKS
EPA ID: NYD987005840
Date Shipped: 11/4/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004065131SKS
EPA ID: NYD987005840
Date Shipped: 12/30/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004920070SKS
EPA ID: NYD987005840
Date Shipped: 5/18/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205

CRUSADER CANDLE CO INC (Continued) **S117984914**

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 003461873SKS
EPA ID: NYD987005840
Date Shipped: 1/30/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004984568SKS
EPA ID: NYD987005840
Date Shipped: 9/30/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 003086332SKS
EPA ID: NYD987005840
Date Shipped: 1/17/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

CRUSADER CANDLE CO INC (Continued) **S117984914**

Manifest Number: 004060437SKS
EPA ID: NYD987005840
Date Shipped: 12/5/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004025015SKS
EPA ID: NYD987005840
Date Shipped: 11/22/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004643106SKS
EPA ID: NYD987005840
Date Shipped: 3/9/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 003100680SKS
EPA ID: NYD987005840
Date Shipped: 6/10/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 004911076SKS
EPA ID: NYD987005840
Date Shipped: 5/1/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 003400129SKS
EPA ID: NYD987005840
Date Shipped: 4/24/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205

CRUSADER CANDLE CO INC (Continued) **S117984914**

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 14.00 gallons

Manifest Number: 003090194SKS
EPA ID: NYD987005840
Date Shipped: 5/6/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 16.00 gallons

Manifest Number: 003469459SKS
EPA ID: NYD987005840
Date Shipped: 2/14/2013
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: Not reported
Quantity: 14.00 gallons

Manifest Number: 004605674SKS
EPA ID: NYD987005840
Date Shipped: 1/29/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

CRUSADER CANDLE CO INC (Continued) **S117984914**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

Manifest Number: 004964056SKS
EPA ID: NYD987005840
Date Shipped: 8/17/2015
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000081205
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN, NY 11215
Reason Load Was Rejected: Not reported

R144
SW
1/8-1/4
0.129 mi.
683 ft.

CON EDISON - SERVICE BOX 38958
302 3RD AVE
BROOKLYN, NY 11215

Site 2 of 6 in cluster R

NY MANIFEST **S121968633**
N/A

Relative:
Lower

Actual:
15 ft.

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 38958
Address:	302 3RD AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP005136561
Facility Status:	Not reported
Location Address 1:	302 3RD AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP005136561
Mailing Name:	CON EDISON - SERVICE BOX 38958
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

R145
SW
1/8-1/4
0.129 mi.
683 ft.

CON EDISON - SERVICE BOX 38958
302 3RD AVE
BROOKLYN, NY 11215

Site 3 of 6 in cluster R

RCRA-LQG **1024891701**
N/A

Relative:
Lower

Actual:
15 ft.

RCRA-LQG:

Date Form Received by Agency:	20180410
Handler Name:	CON EDISON - SERVICE BOX 38958
Handler Address:	302 3RD AVE
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP005136561
Contact Name:	ALYSSA SOTTO
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	Not reported
Contact Email:	SOTTOA@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017

CON EDISON - SERVICE BOX 38958 (Continued) **1024891701**

Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported

CON EDISON - SERVICE BOX 38958 (Continued) **1024891701**

Handler Date of Last Change: 20181106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170907
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170907
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180410
Handler Name: CON EDISON - SERVICE BOX 38958
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

CON EDISON - SERVICE BOX 38958 (Continued) **1024891701**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N146 **CON EDISON MANHOLE: 22624** **RCRA NonGen / NLR** **1017779168**
South **540 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.130 mi.
686 ft. **Site 6 of 11 in cluster N**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20140720
Handler Name: CON EDISON MANHOLE: 22624
Handler Address: 540 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004571485
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No

CON EDISON MANHOLE: 22624 (Continued) **1017779168**

Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150211
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20140620
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

CON EDISON MANHOLE: 22624 (Continued) **1017779168**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140620
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140720
Handler Name: CON EDISON MANHOLE: 22624
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N147 **CON EDISON** **NY MANIFEST** **S117064648**
South **540 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.130 mi.
686 ft. **Site 7 of 11 in cluster N**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:
Name: CON EDISON
Address: 540 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004571485
Facility Status: Not reported
Location Address 1: 540 CARROLL ST
Code: BP

CON EDISON (Continued) **S117064648**

Location Address 2: MH 2226
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004571485
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/20/2014
Trans1 Recv Date: 06/20/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/26/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004571485
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254899JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100

CON EDISON (Continued) **S117064648**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

L148 **CON EDISON** **RCRA NonGen / NLR** **1019903138**
East **664 DEGRAW ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.130 mi.
687 ft. **Site 4 of 6 in cluster L**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	20150512
Handler Name:	CON EDISON
Handler Address:	664 DEGRAW ST
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYP004781910
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

Actual:
29 ft.

CON EDISON (Continued) **1019903138**

Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150512
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

CON EDISON (Continued) **1019903138**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150512
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L149 **CON EDISON** **NJ MANIFEST** **S120671714**
East **664 DEGRAW ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.130 mi.
687 ft. **Site 5 of 6 in cluster L**

Relative: **Higher**
Actual: **29 ft.**

NJ MANIFEST:
EPA Id: NYP004781910
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002624178GBF
EPA ID: NYP004781910
Date Shipped: 5/12/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported

CON EDISON (Continued) **S120671714**

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

L150 **CON EDISON** **NY MANIFEST** **S118090559**
East **664 DEGRAW ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.130 mi.
687 ft. **Site 6 of 6 in cluster L**

Relative: **Higher**
Actual: **29 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 664 DEGRAW ST
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP004856769
Facility Status: Not reported
Location Address 1: 664 DEGRAW ST
Code: BP
Location Address 2: SB 13570
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

CON EDISON (Continued) **S118090559**

NY MANIFEST:
EPAID: NYP004856769
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 10/20/2015
Trans1 Recv Date: 10/20/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/20/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004856769
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002622121GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008

CON EDISON (Continued) **S118090559**

Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Name: CON EDISON
Address: 664 DEGRAW ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004781910
Facility Status: Not reported
Location Address 1: 664 DEGRAW ST
Code: BP
Location Address 2: SB 13570
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004781910
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 05/12/2015
Trans1 Recv Date: 05/12/2015
Trans2 Recv Date: 05/15/2015
TSD Site Recv Date: 05/15/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004781910
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002624178GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

CON EDISON (Continued) **S118090559**

Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

M151 **CHATHAM CLEANERS INC** **US AIRS** **1000407106**
WNW **280 NEVINS STREET** **ICIS** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **FINDS**
0.130 mi. **ECHO**
689 ft. **Site 9 of 16 in cluster M** **RCRA NonGen / NLR**
NY MANIFEST

Relative:
Lower

Actual:
9 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: CHATHAM CLEANERS INC
Handler Address: 280 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11217-3028
EPA ID: NYD981133747
Contact Name: Not reported
Contact Address: NEVINS ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: NEVINS ST

CHATHAM CLEANERS INC (Continued) **1000407106**

Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: OWNERNAME
Owner Type: Private
Operator Name: OWNERNAME
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No

CHATHAM CLEANERS INC (Continued) **1000407106**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708

CHATHAM CLEANERS INC (Continued) **1000407106**

Handler Name: CHATHAM CLEANERS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CHATHAM CLEANERS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CHATHAM CLEANERS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19850910
Handler Name: CHATHAM CLEANERS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No

CHATHAM CLEANERS INC (Continued) **1000407106**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19941230
Evaluation Responsible Agency: EPA Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2TRC
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ICIS:
Enforcement Action ID: NY000A0000261030016200303
FRS ID: 110004399446
Action Name: CHATHAM CLEANERS INC 360470024600303

CHATHAM CLEANERS INC (Continued) **1000407106**

Facility Name: CHATHAM CLEANERS INC
Facility Address: 280 NEVINS ST
BROOKLYN, NY 112173028
Enforcement Action Type: Notice of Violation
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6514
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.679775
Longitude in Decimal Degrees: -73.986981
Permit Type Desc: Not reported
Program System Acronym: NY0000002610300162
Facility NAICS Code: 531110
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000407106
Region Code: 02
Programmatic ID: AIR NY0000002610300162
Facility Registry ID: 110004399446
D and B Number: Not reported
Primary SIC Code: 6514
NAICS Code: 531110
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610300162
Facility Registry ID: 110004399446
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-06-12 00:00:00
Activity Status Date: 2009-06-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002610300162
Facility Registry ID: 110004399446
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-04-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02

CHATHAM CLEANERS INC (Continued) **1000407106**

Programmatic ID: AIR NY0000002610300162
Facility Registry ID: 110004399446
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110004399446

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AIR MINOR

ECHO:
Envid: 1000407106
Registry ID: 110004399446
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004399446
Name: CHATHAM CLEANERS INC
Address: 280 NEVINS STREET
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: CHATHAM CLNRS
Address: 280 NEVINS ST
City,State,Zip: BROOKLYN, NY 11217-3028
Country: USA
EPA ID: NYD981133747
Facility Status: Not reported
Location Address 1: 280 NEVINS ST
Code: BP

CHATHAM CLEANERS INC (Continued) **1000407106**

Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981133747
Mailing Name: CHATHAM CLNRS
Mailing Contact: BORIS WEISS
Mailing Address 1: 280 NEVINS STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7188346060

M152 **CHATHAM CLEANERS** **NY DRYCLEANERS** **S110246186**
WNW **280 NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.130 mi.
689 ft. **Site 10 of 16 in cluster M**

Relative:
Lower

Actual:
9 ft.

DRYCLEANERS:
Name: CHATHAM CLEANERS
Address: 280 NEVINS ST
City,State,Zip: BROOKLYN, NY 11217
Facility ID: 2-6103-00162
Phone Number: NOT LISTED
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 2008-04-09 00:00:00
Install Date: 94/09
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

S153 **NYCDOT BRIDGE BIN 2243210** **RCRA NonGen / NLR** **1000911985**
SSE **PRESIDENT ST BRG OVER FRANKLIN** **N/A**
1/8-1/4 **BROOKLYN, NY 11225**
0.132 mi.
699 ft. **Site 2 of 11 in cluster S**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: NYCDOT BRIDGE BIN 2243210
Handler Address: PRESIDENT ST BRG OVER FRANKLIN
Handler City,State,Zip: BROOKLYN, NY 11225
EPA ID: NY0000375220
Contact Name: ALEX BEZCHASTNOV

NYCDOT BRIDGE BIN 2243210 (Continued) **1000911985**

Contact Address: RECTOR ST - 8TH FLOOR
Contact City,State,Zip: NEW YORK, NY 10006
Contact Telephone: 212-788-2091
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: RECTOR ST - 8TH FLOOR
Mailing City,State,Zip: NEW YORK, NY 10006
Owner Name: NYCDOT
Owner Type: Municipal
Operator Name: NYCDOT
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking

NYCDOT BRIDGE BIN 2243210 (Continued) **1000911985**

Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDOT
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2091
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDOT
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2091
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCDOT
Legal Status: Municipal

NYCDOT BRIDGE BIN 2243210 (Continued) **1000911985**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2091
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYCDOT BRIDGE BIN 2243210
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCDOT BRIDGE BIN 2243210
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990216
Handler Name: NYCDOT BRIDGE BIN 2243210
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

NYCDOT BRIDGE BIN 2243210 (Continued) **1000911985**

Evaluation Action Summary:
Evaluations: No Evaluations Found

M154 **FULTON WORKS** **NY VCP** **S113922087**
NW **DEGRAW STREET AND NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.133 mi.
704 ft. **Site 11 of 16 in cluster M**

Relative: VCP:
Lower
Actual: Name: FULTON WORKS
8 ft. Address: DEGRAW STREET AND NEVINS STREET
City,State,Zip: BROOKLYN, NY 11215-
Program Type: VCP
Site Code: 57151
HW Code: V00633
Site Class: N
SWIS: 2401
Region: 2
Town: New York City
Acres: Not reported
Date Record Added: 01/16/2003
Date Record Updated: 12/07/2009
Updated By: MOBARRIE
Site Description: "See Site 224051 "
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 6
Sub Type: ZZZ
Owner Name: Not reported
Owner Company: KEYSPAN CORPORATION
Owner Address: ONE METROTECH CENTER
Owner Addr2: Not reported
Owner City,St,Zip: BROOKLYN, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: ZZZ
Owner Name: Not reported
Owner Company: NYC PARKS DEPARTMENT
Owner Address: ARSENAL WEST - 16 W 61ST STREET
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10023
Owner Country: United States of America
Own Op: 1

FULTON WORKS (Continued) **S113922087**

Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	NYC INDUSTRIAL DEVELOPMENT
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	270 NEVINS ST. PROPERTIES
Owner Address:	(NEVINS CANAL CORP.) 116 JOHN STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	ATS REALTY
Owner Address:	537 SACKETT STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11217
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

M155 **CON ED** **NY MANIFEST** **S118463533**
NW **DEGRAW & NEVINS AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.133 mi.
704 ft. **Site 12 of 16 in cluster M**

Relative: **Lower**

Actual: **8 ft.**

NY MANIFEST:

Name:	CON ED
Address:	DEGRAW & NEVINS AVE
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004853111
Facility Status:	Not reported
Location Address 1:	DEGRAW & NEVINS AVE
Code:	BP
Location Address 2:	SB 75083
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004853111

CON ED (Continued) **S118463533**

Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/14/2015
Trans1 Recv Date: 10/14/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/15/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004853111
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014086103JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported

CON ED (Continued) **S118463533**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

K156 **MARCELINO ALMONTE M & A REPAIRS** **RCRA NonGen / NLR** **1004758760**
ENE **164 4TH AVE & DOUGLAS** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **FINDS**
0.134 mi.
709 ft. **Site 10 of 10 in cluster K**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: MARCELINO ALMONTE M & A REPAIRS
Handler Address: 164 4TH AVE & DOUGLAS
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD987021433
Contact Name: MARCELINO ALMONTE
Contact Address: 4TH AVE & DOUGLAS
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: 718-935-1198
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 4TH AVE & DOUGLAS
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: AMOCO OIL CO ATTN M LESSA
Owner Type: Private
Operator Name: AMOCO OIL CO ATTN M LESSA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported

MARCELINO ALMONTE M & A REPAIRS (Continued) **1004758760**

Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: X001
Waste Description: Not Defined

Waste Code: X003
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966

MARCELINO ALMONTE M & A REPAIRS (Continued) **1004758760**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMOCO OIL CO ATTN M LESSA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 14 APOLLO ST
Owner/Operator City,State,Zip: BROOKLYN, NY 99999
Owner/Operator Telephone: 718-389-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: MARCELINO ALMONTE M & A REPAIRS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MARCELINO ALMONTE M & A REPAIRS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19921106
Handler Name: MARCELINO ALMONTE M & A REPAIRS

MARCELINO ALMONTE M & A REPAIRS (Continued) **1004758760**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008082421

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1004758760
Registry ID: 110008082421
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008082421
Name: MARCELINO ALMONTE M & A REPAIRS
Address: 164 4TH AVE & DOUGLAS
City,State,Zip: BROOKLYN, NY 11217

S157 **CON EDISON** **NY MANIFEST** **S117536659**
SSE **586 PRESIDENT ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.135 mi.
712 ft. **Site 3 of 11 in cluster S**

Relative: Higher
Actual: 28 ft.

NY MANIFEST:
Name: CON EDISON
Address: 586 PRESIDENT ST
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP004691457
Facility Status: Not reported
Location Address 1: 586 PRESIDENT ST
Code: BP

CON EDISON (Continued) **S117536659**

Location Address 2: SB31665
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004691457
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/06/2014
Trans1 Recv Date: 11/06/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/13/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004691457
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002416874GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100

CON EDISON (Continued) **S117536659**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

M158 **ADMIRAL METALS** **NY AST** **U000408644**
NW **270 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.137 mi.
721 ft. **Site 13 of 16 in cluster M**

Relative: **Lower**

Actual: **6 ft.**

AST:

Name:	ADMIRAL METALS
Address:	270 NEVINS STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-483001
Program Type:	PBS
UTM X:	585655.86997
UTM Y:	4503711.69316
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	21664
Affiliation Type:	Facility Owner
Company Name:	NEVINS CANAL CORP
Contact Type:	VICE PRES.
Contact Name:	HERBERT CHAVES
Address1:	116 JOHN STREET, ROOM 312
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 349-5618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-08-31

Site Id:	21664
Affiliation Type:	Mail Contact
Company Name:	NEVINS CANAL CORPORATION
Contact Type:	Not reported
Contact Name:	HERBERT CHAVES
Address1:	116 JOHN STREET, ROOM 312
Address2:	Not reported

ADMIRAL METALS (Continued) **U000408644**

City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 21664
Affiliation Type: Facility Operator
Company Name: ADMIRAL METALS
Contact Type: Not reported
Contact Name: TOM FAILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2808
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21664
Affiliation Type: Emergency Contact
Company Name: NEVINS CANAL CORP
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 002
Tank Id: 55194
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None

ADMIRAL METALS (Continued) **U000408644**

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	08/01/1998
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/15/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

M159 **ADMIRAL METALS** **NY UST** **1000551031**
NW **270 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.137 mi.
721 ft. **Site 14 of 16 in cluster M**

Relative: **Lower**
Actual: **6 ft.**

UST:

Name:	ADMIRAL METALS
Address:	270 NEVINS STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-483001 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585655.86997
UTM Y:	4503711.69316
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	21664
Affiliation Type:	Facility Owner
Company Name:	NEVINS CANAL CORP
Contact Type:	VICE PRES.
Contact Name:	HERBERT CHAVES
Address1:	116 JOHN STREET, ROOM 312
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 349-5618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG

ADMIRAL METALS (Continued) **1000551031**

Date Last Modified: 2005-08-31

Site Id: 21664
Affiliation Type: Mail Contact
Company Name: NEVINS CANAL CORPORATION
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: 116 JOHN STREET, ROOM 312
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 21664
Affiliation Type: Facility Operator
Company Name: ADMIRAL METALS
Contact Type: Not reported
Contact Name: TOM FAILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2808
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21664
Affiliation Type: Emergency Contact
Company Name: NEVINS CANAL CORP
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 32305

ADMIRAL METALS (Continued) **1000551031**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 10/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 001
Tank ID: 33421
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None

ADMIRAL METALS (Continued) **1000551031**

J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 002
Tank ID: 33422
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 33423
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None

ADMIRAL METALS (Continued) **1000551031**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Affiliation Records:

Site Id:	17182
Affiliation Type:	Facility Owner
Company Name:	NEVINS CANAL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	116 JOHN ST RM 312
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 349-5618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2004-12-15

Site Id:	17182
Affiliation Type:	Mail Contact
Company Name:	NEVINS CANAL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	116 JOHN ST RM 312
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 349-5618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2004-12-15

Site Id:	17182
Affiliation Type:	Facility Operator
Company Name:	T E CONKLIN BRASS&COPPER CO,IN
Contact Type:	Not reported
Contact Name:	T E CONKLIN BRASS&COPPER CO,IN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 643-6360
EMail:	Not reported

ADMIRAL METALS (Continued) **1000551031**

Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 17182
Affiliation Type: Emergency Contact
Company Name: NEVINS CANAL CORP
Contact Type: Not reported
Contact Name: THOMAS FAILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 536-4568
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 32305
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 10/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 001
Tank ID: 33421

ADMIRAL METALS (Continued) **1000551031**

Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 002
Tank ID: 33422
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

ADMIRAL METALS (Continued) **1000551031**

I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 33423
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

T160 **543 UNION STREET** **NY AST** **A100292514**
WNW **543 UNION STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.137 mi.
724 ft. **Site 1 of 2 in cluster T**

Relative: **Lower**
Actual: **10 ft.**

AST:
Name: 543 UNION STREET
Address: 543 UNION STREET
City,State,Zip: BROOKLYN, NY 11215
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-608359
Program Type: PBS
UTM X: 585573.72225
UTM Y: 4503636.85661
Expiration Date: 04/21/2025
Site Type: Other

Affiliation Records:
Site Id: 30211
Affiliation Type: Mail Contact
Company Name: GOLDIN MANAGEMENT INC.

543 UNION STREET (Continued) **A100292514**

Contact Type: Not reported
Contact Name: DEREK BUPP / PROPERTY MANAGER
Address1: 258TH AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 230-2600
EMail: DEREK@GOLDINMGMT.COM
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-03-09

Site Id: 30211
Affiliation Type: Facility Operator
Company Name: 543 UNION STREET
Contact Type: Not reported
Contact Name: DEREK BUPP/PROPERTY MGR.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 422-1070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-11-04

Site Id: 30211
Affiliation Type: Emergency Contact
Company Name: 543 UNION STREET CONDOMINIUM
Contact Type: Not reported
Contact Name: DEREK BUPP/PROPERTY MGR.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 230-2600
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-03-09

Site Id: 30211
Affiliation Type: Facility Owner
Company Name: 543 UNION STREET CONDOMINIUM
Contact Type: PROPERTY MANAGER
Contact Name: DEREK BUPP
Address1: C/O GOLDING MANAGEMNET
Address2: 258TH AVENUE
City: BROOKLYN
State: NY

543 UNION STREET (Continued) **A100292514**

Zip Code: 11217
Country Code: 001
Phone: (718) 230-2600
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-03-09

Tank Info:

Tank Number: 001
Tank Id: 65076
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/21/2005
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JSMACRI
Last Modified: 03/09/2020
Material Name: #2 fuel oil (on-site consumption)

U161 **CON EDISON** **RCRA NonGen / NLR** **1019909223**
ENE **4TH AVE & DOUGLASS ST** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.138 mi.
729 ft. **Site 1 of 4 in cluster U**

Relative: **Higher**
Actual: **27 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20151221
Handler Name: CON EDISON
Handler Address: 4TH AVE & DOUGLASS ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004882375
Contact Name: THOMAS TEELING

CON EDISON (Continued) **1019909223**

Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking

CON EDISON (Continued) **1019909223**

Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20151221
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20151221
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:

CON EDISON (Continued) **1019909223**

Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069655171

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019909223
Registry ID: 110069655171
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069655171
Name: CON EDISON
Address: 4TH AVE & DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11215

M162 **FULTON MUNICIPAL WORKS** **NY VCP** **S113922123**
NW **NEVINS, DEGRAW & SACKETT STS.** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.139 mi.
732 ft. **Site 15 of 16 in cluster M**

Relative:
Lower

Actual:
7 ft.

Client Plot

VCP:
Name: FULTON MUNICIPAL WORKS
Address: NEVINS, DEGRAW & SACKETT STS.
City,State,Zip: BROOKLYN, NY 11201-
Program Type: VCP
Site Code: 57848
HW Code: V00700
Site Class: N
SWIS: 2401
Region: 2
Town: New York City
Acres: Not reported
Date Record Added: 11/06/2003
Date Record Updated: 10/30/2006
Updated By: DKMACNEA
Site Description: "See Site 224051"
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported

FULTON MUNICIPAL WORKS (Continued) **S113922123**

Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

S163 **243 DEVELOPMENT LLC** **NY MANIFEST** **S120959647**
SSE **243-245 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.139 mi.
734 ft. **Site 4 of 11 in cluster S**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	243 DEVELOPMENT LLC
Address:	243-245 4TH AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYR000229906
Facility Status:	Not reported
Location Address 1:	243-245 4TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000229906
Mailing Name:	243 DEVELOPMENT LLC
Mailing Contact:	243 DEVELOPMENT LLC
Mailing Address 1:	478 ALBANY AVE #88
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11203
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2122084614

NY MANIFEST:

Document ID:	Not reported

243 DEVELOPMENT LLC (Continued) **S120959647**

Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR986649705
Trans2 State ID:	Not reported
Generator Ship Date:	06/30/2017
Trans1 Recv Date:	06/30/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/30/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000229906
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	017128989JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50760
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S164 **245 4TH AVENUE LLC** **RCRA NonGen / NLR** **1019909619**
SSE **243-245 4TH AVE** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **FINDS**
0.139 mi.
734 ft. **Site 5 of 11 in cluster S**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20170418
Handler Name: 245 4TH AVENUE LLC
Handler Address: 243-245 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000229906
Contact Name: JAMES MUELLER
Contact Address: BROADWAY SUITE 203
Contact City,State,Zip: BROOKLYN, NY 11211
Contact Telephone: 718-388-8686
Contact Fax: 631-234-4297
Contact Email: JOHNS@ASSOCENVSVCS.COM
Contact Title: SITE DEVELOPER ZEPHYR CONSTRUCTION MGMT LLC
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: PROSPECT PARK WEST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: 243 DEVELOPMENT LLC
Owner Type: Private
Operator Name: HAYSHA DEITSCH
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

245 4TH AVENUE LLC (Continued) **1019909619**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20170530
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 243 DEVELOPMENT LLC
Legal Status: Private
Date Became Current: 20151214
Date Ended Current: Not reported
Owner/Operator Address: 1 PROSPECT PARK WEST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-388-8686
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

245 4TH AVENUE LLC (Continued) **1019909619**

Owner/Operator Indicator: Operator
Owner/Operator Name: HAYSHA DEITSCH
Legal Status: Private
Date Became Current: 20151214
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HAYSHA DEITSCH
Legal Status: Private
Date Became Current: 20151214
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 243 DEVELOPMENT LLC
Legal Status: Private
Date Became Current: 20151214
Date Ended Current: Not reported
Owner/Operator Address: 1 PROSPECT PARK WEST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-388-8686
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20170418
Handler Name: 245 4TH AVENUE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20161103
Handler Name: 245 4TH AVENUE LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

245 4TH AVENUE LLC (Continued) **1019909619**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

NAICS Code: 811191
NAICS Description: AUTOMOTIVE OIL CHANGE AND LUBRICATION SHOPS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110070122146

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019909619
Registry ID: 110070122146
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070122146
Name: 245 4TH AVENUE LLC
Address: 243-245 4TH AVE
City,State,Zip: BROOKLYN, NY 11215

S165 **241 - 245 4TH AVENUE** **NY VCP** **S125316943**
SSE **245 4TH AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.140 mi.
737 ft. **Site 6 of 11 in cluster S**

Relative:
Higher

Actual:
27 ft.

VCP NYC:
Project ID: 16TMP0220K,16EHAZ204K,17CVCP027K
Name: 241 - 245 4TH AVENUE
Address: 245 4TH AVENUE
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3.0095800043009499E+19
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Site Management
Latitude: 40.676388

241 - 245 4TH AVENUE (Continued) **S125316943**

Longitude:	-73.983726
Postcode:	6
Community Board:	39
Council District:	133
Census Tract:	3000000
BIN:	3009580004
NTA:	Park Slope-Gowanus

S166 **L&B AUTO REPAIR CORP. II** **NY AST** **A100183296**
SSE **245 4TH AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.140 mi.
737 ft. **Site 7 of 11 in cluster S**

Relative:
Higher

Actual:
27 ft.

AST:

Name:	L&B AUTO REPAIR CORP. II
Address:	245 4TH AVENUE
City,State,Zip:	BROOKLYN, NY 11215
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606714
Program Type:	PBS
UTM X:	585896.87257
UTM Y:	4503322.95309
Expiration Date:	08/20/2016
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	28571
Affiliation Type:	Facility Owner
Company Name:	L&B AUTO REPAIR CORP. II
Contact Type:	PRES
Contact Name:	WATFA EID
Address1:	245 4TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 398-6228
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2011-05-18

Site Id:	28571
Affiliation Type:	Mail Contact
Company Name:	L&B AUTO REPAIR CORP. II
Contact Type:	PRES
Contact Name:	WATFA EID
Address1:	245 4TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 398-6228

L&B AUTO REPAIR CORP. II (Continued) **A100183296**

EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-05-18

Site Id: 28571
Affiliation Type: Facility Operator
Company Name: L&B AUTO REPAIR CORP. II
Contact Type: Not reported
Contact Name: WATFA EID
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 398-6228
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Site Id: 28571
Affiliation Type: Emergency Contact
Company Name: L&B AUTO REPAIR CORP. II
Contact Type: Not reported
Contact Name: WATFA EID
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 398-6228
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-03-31

Tank Info:

Tank Number: 001
Tank Id: 61804
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

L&B AUTO REPAIR CORP. II (Continued) **A100183296**

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1995
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Q167 **CON EDISON** **RCRA NonGen / NLR** **1019901786**
NNE **298 BUTLER ST** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11210** **FINDS**
0.140 mi.
737 ft. **Site 7 of 10 in cluster Q**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20150410
Handler Name:	CON EDISON
Handler Address:	298 BUTLER ST
Handler City,State,Zip:	BROOKLYN, NY 11210
EPA ID:	NYP004766002
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

CON EDISON (Continued) **1019901786**

Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150410
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY

CON EDISON (Continued) **1019901786**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150410
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069656884

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1019901786
Registry ID: 110069656884
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069656884
Name: CON EDISON
Address: 298 BUTLER ST
City,State,Zip: BROOKLYN, NY 11210

Q168 **CON EDISON** **NY MANIFEST** **S118089015**
NNE **298 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11210**
0.140 mi.
737 ft. **Site 8 of 10 in cluster Q**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	298 BUTLER ST
City,State,Zip:	BROOKLYN, NY 11210
Country:	USA
EPA ID:	NYP004766002
Facility Status:	Not reported
Location Address 1:	298 BUTLER ST
Code:	BP
Location Address 2:	SB 13361
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004766002
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	04/10/2015
Trans1 Recv Date:	04/10/2015
Trans2 Recv Date:	04/14/2015
TSD Site Recv Date:	04/14/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004766002
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002660406GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118089015**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Q169 **CON EDISON** **NJ MANIFEST** **S120670314**
NNE **298 BUTLER ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11210**
0.140 mi.
737 ft. **Site 9 of 10 in cluster Q**

Relative: **Higher**
Actual: **22 ft.**

NJ MANIFEST:
EPA Id: NYP004766002
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002660406GBF
EPA ID: NYP004766002
Date Shipped: 4/10/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported

CON EDISON (Continued) **S120670314**

Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

N170 **CON EDISON** **FINDS** **1018280848**
SSE **CARROLL ST & 4TH AVE** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.140 mi.
738 ft. **Site 8 of 11 in cluster N**

Relative: **Higher**

Actual: **26 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20150325
Handler Name: CON EDISON
Handler Address: CARROLL ST & 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004757563
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified

CON EDISON (Continued) **1018280848**

Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No

CON EDISON (Continued) **1018280848**

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150325
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067682564

Click Here:

Environmental Interest/Information System:

CON EDISON (Continued) **1018280848**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1018280848
Registry ID:	110067682564
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067682564
Name:	CON EDISON
Address:	CARROLL ST & 4TH AVE
City,State,Zip:	BROOKLYN, NY 11215

N171 **272 4TH AVENUE** **NY BROWNFIELDS S125465242**
South **272 4TH AVENUE** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.140 mi.
740 ft. **Site 9 of 11 in cluster N**

Relative:
Higher

Actual:
25 ft.

BROWNFIELDS:

Name:	272 4TH AVENUE
Address:	272 4TH AVENUE
City,State,Zip:	BROOKLYN, NY 11215
Program:	BCP
Site Code:	590723
Acres:	0.200
HW Code:	C224298
SWIS:	2401
Town:	New York City
Record Added Date:	06/18/2019
Record Updated Date:	08/15/2019
Update By:	LSZINOMA
Site Description:	"Location The site is located at 272 4th Avenue, and includes the addresses 264 4th Avenue through 270 4th Avenue, and 544 through 554 Carroll Street. The Site is located in the Gowanus section of Brooklyn, New York. The site was abutted to the northeast by Carroll Street, followed by a cafe; to the northwest by an auto repair shop, followed by a community garden; to the southeast by 4th Avenue, followed by apartment buildings and a furniture store; and to the southwest by a bar/cafe, followed by a New York City Transit (NYCT) system substation. Site Features The site consists of one tax lot on an approximately 8,900-square foot parcel. The site contains an approximately 17,800-gross-sf, two-story commercial building with a partial cellar, constructed around 1931. The building is operated as an automobile collision repair facility, which occupies both the first and second stories of the building. Current Zoning and Land Use The current zoning designation of the site is M1-2 (manufacturing district). The surrounding area is predominately mixed-use residential and commercial, with some industrial uses; however, an area-wide rezoning is currently underway. Past Use of the Site The April 2019 Phase I ESA indicated that site had numerous historical automotive uses, with some commercial and residential uses. The site was mostly vacant with a single dwelling and a stable with attached sheds in 1888. An apparent marshland was depicted, which appeared to be filled in on subsequent maps. The Property was developed into part of a bottle facility, with the stable remaining in 1906. In 1926, the

272 4TH AVENUE (Continued) **S125465242**

Property was developed into a two-story garage with two gasoline tanks. In 1951, the first floor of the Property building converted into an auto repair shop with a filling station and gasoline tanks, while the second floor remained a garage. In 1965, the filling station and associated gasoline tanks were no longer depicted, and the Property became an auto sales and service shop with a ga 1982, the Property remained an auto service shop, but was no shown as an auto sales shop. Site Geology and Hydrology Based on the U.S. Geological Survey Brooklyn, New York 2013 Quadrangle map, the site is approximately 25 feet above mean sea level. Groundwater was encountered at the site between approximately 11 and 16 feet below the building slab, an estimated 12.5 feet below sidewalk grade along Fourth Avenue. Groundwater is expected to flow west-southwest across the site towards the Gowanus Canal, which is approximately 0.25 miles west of the site. Eight Soil borings, which were advanced to 20 feet below sidewalk grade across the site, encountered historic fill material underlain by native brown silt."

Env Problem: "Based on the investigations conducted to date, the primary contaminants of concern for the Site are petroleum-related Volatile Organic Compounds (VOCs), chlorinated VOCs, Polycyclic Aromatic Hydrocarbons (PAHs), and metals. Soil Soil sample analytical results obtained during the Phase II investigation were compared to NYSDEC Part 375 Restricted Residential Soil Cleanup objectives (RRSCOs). Twenty-seven VOCs were detected in the soil samples with total concentrations ranging from 0.0003 to 26.8 mg/kg. No VOCs were detected above the RRSCOs in the soil samples. The VOCs 1,2,4-trimethylbenzene, chlorobenzene, and total xylenes were detected at concentrations above their respective Unrestricted Use Soil Cleanup Objectives (UUSCOs) in one or more of the soil samples. Chlorobenzene was detected at 1.9 mg/kg, above the Protection of Groundwater standard. A total of nine PAHs were detected above the UUSCOs and/or RRSCOs in one or more of seven of the soil samples collected. The PAHs benzo(a)anthracene [maximum (max.) 9.6 mg/kg] compared to RRSCO of 1 mg/kg. Benzo(a)pyrene (max. 7.5 mg/kg)compared to RRSCO 1mg/kg. Benzo(b)fluoranthene (max. 10 mg/kg)compared to RRSCO of 1 mg/kg. Chrysene (max. 9.3mg/kg) compared to RRSCO of 3.9 mg/kg. Dibenzo(a,h)anthracene (max. 1.2 mg/kg) compared to 0.33 mg/kg. Indeno(1,2,3-cd)pyrene (max. 5.2 mg/kg) compared to RRSCO of 0.5 mg/kg. A total of six metals were detected above the UUSCOs and/or RRSCOs in one of more of 10 of the soil samples collected. Arsenic (max. 29 mg/kg)compared to RRSCO of 16 mg/kg, lead (max. 1,800 mg/kg) RRSCO of 400 mg/kg and mercury (max. 24.1 mg/kg) RRSCO of 0.81 mg/kg were detected above their respective RRSCOs in one or more of the soil samples. No PCBs were detected in the three soil samples submitted for laboratory analyses. Groundwater Groundwater samples collected during previous investigations were compared to the NYSDEC Ambient Water Quality Standards (AWQS). Petroleum-related VOCs were detected at concentrations above the AWQS in two of the groundwater samples, including: 1,2-dichlorobenzene [3.4 micrograms per liter (?g/L)] AWQS of 3 ug/L, p- & m xylenes (6.6 ?g/L) AWQS of 5 ug/L, and o- xylenes (5.2 ?g/L) AWQS of 5 ug/L, 1,2,4,5-trimethylbenzene (9 ?g/L) AWQS of 5 ug/L, chlorobenzene (7.1 ?g/L) AWQS of 5 ug/L, and methylene chloride (14 ?g/L) AWQS of 5 ug/L. Seven PAHs were detected at concentrations that exceeded the AWQS in one or more of the groundwater samples analyzed, including: benzo(a)anthracene (max. 2.6 ?g/L) AWQS of 0.002 ug/L, benzo(a)pyrene (max. 2.2 ?g/L) AWQS of non detect (ND), benzo(b)fluoranthene (max.

272 4TH AVENUE (Continued) **S125465242**

3.0 ?g/L) AWQS of 0.002 ug/L, benzo(k)fluoranthene (max. 1.1 ?g/L) AWQS of 0.002 ug/L, chrysene (max. 2.3 ?g/L) AWQS of 0.002 ug/L, indeno(1,2,3-cd)pyrene (max. 1.1 ?g/L) AWQS of 0.002 ug/L, and phenol (max. 3.8 ?g/L) AWQS of 1 ug/L. The highest concentrations were detected in groundwater in the southern portion of the Site. Soil Vapor - Soil vapor samples collected were compared to New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York. Tetrachloroethene (PCE) and Trichloroethene (TCE) at the northwest corner of the site were detected at values which required mitigation, 7120 ug/m3 and 372 ug/m3 respectively. PCE was also detected inside the office building on the east side of the site at 1890 ug/m3 which is also above the mitigation threshold."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 6
Sub Type: P03
Owner Name: Mr. Jesse Wark
Owner Company: 272 4th Avenue LLC
Owner Address: 51 East 12th Street, 7th Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10003
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Jesse Wark
Owner Company: 272 4th Avenue LLC
Owner Address: 51 East 12th Street, 7th Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10003
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library: Park Slope Branch
Owner Address: 431 6th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Mr. Jesse Wark
Owner Company: 274 4th and 538 Carroll LLC
Owner Address: 51 East 12th Street, 7th Floor
Owner Addr2: Not reported

272 4TH AVENUE (Continued) **S125465242**

Owner City,St,Zip: New York, NY 10003
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board District 6
Owner Address: 250 Baltic Street, Suite 1025
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201-6401
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SPILLS:
Name: COMMERCIAL/ INDUSTRIAL
Address: 272 4TH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2005727 / Not Reported
Facility ID: 2005727
Facility Type: ER
DER Facility ID: 559685
Site ID: 611527
DEC Region: 2
Spill Cause: Other
Spill Class: D4
SWIS: 2401
Spill Date: 2020-09-23
Investigator: SXWU
Referred To: Not reported
Reported to Dept: 2020-09-23
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 2020-09-23
Spill Record Last Update: 2020-09-29
Spiller Name: PATRICK DIGGINS
Spiller Company: UNK
Spiller Address: 272 FOREST AVENUE
Spiller Company: 999
Contact Name: PATRICK DIGGINS
DEC Memo: "hx spill- petroleum to soil per lab results. brownfeild clean up info c224298 PM Stephen Woo"

272 4TH AVENUE (Continued) **S125465242**

Remarks: "hx spill- petroleum to soil per lab results. brownfeild clean up info c224298 PM Stephen Woo"

All Materials:
Site ID: 611527
Operable Unit ID: 1358672
Operable Unit: 01
Material ID: 2370101
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

R172 **CON EDISON** **NY MANIFEST** **S117537111**
WSW **450 CARROL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.140 mi.
741 ft. **Site 4 of 6 in cluster R**

Relative: **Lower**
Actual: **11 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 450 CARROL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004696415
Facility Status: Not reported
Location Address 1: 450 CARROL ST
Code: BP
Location Address 2: MH 2544
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004696415
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018

CON EDISON (Continued) **S117537111**

Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 11/17/2014
Trans1 Recv Date: 11/17/2014
Trans2 Recv Date: 11/21/2014
TSD Site Recv Date: 11/21/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004696415
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002416820GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

N173 **AUTO BODY CONCEPTS DBA ABC** **RCRA NonGen / NLR** **1001229433**
SSE **270 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.141 mi.
743 ft. **Site 10 of 11 in cluster N**

Relative: RCRA NonGen / NLR:
Higher
Date Form Received by Agency: 20070101
Actual: Handler Name: AUTO BODY CONCEPTS DBA ABC
26 ft. Handler Address: 270 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215-1819
EPA ID: NYR000060392
Contact Name: ANTHONY DIMONDA

AUTO BODY CONCEPTS DBA ABC (Continued) **1001229433**

Contact Address: 4TH AVE
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: 718-522-3111
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 4TH AVE
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: ANTHONY DIMONDA
Owner Type: Private
Operator Name: ANTHONY DIMONDA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking

AUTO BODY CONCEPTS DBA ABC (Continued) **1001229433**

Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 100 POILLON AVE
Owner/Operator City,State,Zip: STATEN ISLAND, NY 10312
Owner/Operator Telephone: 718-966-4135
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 100 POILLON AVE
Owner/Operator City,State,Zip: STATEN ISLAND, NY 10312
Owner/Operator Telephone: 718-966-4135
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANTHONY DIMONDA
Legal Status: Private

AUTO BODY CONCEPTS DBA ABC (Continued) **1001229433**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 100 POILLON AVE
Owner/Operator City,State,Zip: STATEN ISLAND, NY 10312
Owner/Operator Telephone: 718-966-4135
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: AUTO BODY CONCEPTS DBA ABC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: AUTO BODY CONCEPTS DBA ABC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980916
Handler Name: AUTO BODY CONCEPTS DBA ABC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

AUTO BODY CONCEPTS DBA ABC (Continued) **1001229433**

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q174 **CON EDISON - MANHOLE 13363** **FINDS** **1016454063**
NE **314 BUTLER ST** **RCRA-LQG** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **ECHO**
0.142 mi. **NY MANIFEST**
749 ft. **Site 10 of 10 in cluster Q**

Relative: **Higher**

Actual: **24 ft.**

RCRA-LQG:
Date Form Received by Agency: 20140327
Handler Name: CON EDISON - MANHOLE 13363
Handler Address: 314 BUTLER ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004299269
Contact Name: DENNIS HUACON
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: 401-765-1500
Contact Email: HUACOND@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

CON EDISON - MANHOLE 13363 (Continued) **1016454063**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130405
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

CON EDISON - MANHOLE 13363 (Continued) **1016454063**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130405
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140327
Handler Name: CON EDISON - MANHOLE 13363
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130405
Handler Name: CON EDISON MANHOLE: 13363
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130505
Handler Name: CON EDISON MANHOLE: 13363
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

CON EDISON - MANHOLE 13363 (Continued) **1016454063**

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056495074

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1016454063
Registry ID: 110056495074
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056495074
Name: CON EDISON - MANHOLE 13363
Address: 314 BUTLER ST
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: CON EDISON
Address: 314 BUTLER ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004299269
Facility Status: Not reported
Location Address 1: 314 BUTLER ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004299269
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

CON EDISON - MANHOLE 13363 (Continued) **1016454063**

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/05/2013
Trans1 Recv Date: 04/05/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/11/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004299269
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002017093GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

V175 **CON EDISON** **NY MANIFEST** **S117537840**
ESE **688 SACKET ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.145 mi.
768 ft. **Site 1 of 3 in cluster V**

Relative:
Higher

Actual:
30 ft.

Client Plot

NY MANIFEST:

Name:	CON EDISON
Address:	688 SACKET ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004704458
Facility Status:	Not reported
Location Address 1:	688 SACKET ST
Code:	BP
Location Address 2:	SB44230
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004704458
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/09/2014
Trans1 Recv Date:	12/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/12/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004704458
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002417059GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117537840**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

V176 **CON EDISON** **NY MANIFEST** **S117316060**
ESE **688 SACKETT ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.146 mi.
769 ft. **Site 2 of 3 in cluster V**

Relative:
Higher

Actual:
30 ft.

Client Plot

NY MANIFEST:

Name:	CON EDISON
Address:	688 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004707279
Facility Status:	Not reported
Location Address 1:	688 SACKETT ST
Code:	BP
Location Address 2:	SB44230
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004707279
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported

CON EDISON (Continued) **S117316060**

Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 12/16/2014
Trans1 Recv Date: 12/16/2014
Trans2 Recv Date: 12/28/2014
TSD Site Recv Date: 12/29/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004707279
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002424338GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Name: CON EDISON
Address: 688 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA

CON EDISON (Continued) **S117316060**

EPA ID: NYP004632907
Facility Status: Not reported
Location Address 1: 688 SACKETT ST
Code: BP
Location Address 2: SB 44230
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004632907
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/19/2014
Trans1 Recv Date: 08/19/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/19/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004632907
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254177JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CON EDISON (Continued) **S117316060**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

V177 **CON EDISON** **NY MANIFEST** **S117319232**
ESE **688 SACKETT ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.146 mi.
769 ft. **Site 3 of 3 in cluster V**

Relative:
Higher

Actual:
30 ft.

Client Plot

NY MANIFEST:

Name:	CON EDISON
Address:	688 SACKETT ST
City,State,Zip:	BROOKLYN, NY
Country:	USA
EPA ID:	NYP004669222
Facility Status:	Not reported
Location Address 1:	688 SACKETT ST
Code:	BP
Location Address 2:	STRUCTURE # 44230
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004669222
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047

CON EDISON (Continued) **S117319232**

Trans2 State ID: Not reported
Generator Ship Date: 09/30/2014
Trans1 Recv Date: 09/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/08/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004669222
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002617302GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 30
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

M178 **CON EDISON - MANHOLE 56074** **RCRA-LQG** **1016450650**
NW **505 SACKETT ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.146 mi.
771 ft. **Site 16 of 16 in cluster M**

Relative: RCRA-LQG:
Lower
Date Form Received by Agency: 20140327
Actual: Handler Name: CON EDISON - MANHOLE 56074
5 ft. Handler Address: 505 SACKETT ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004296752
Contact Name: DENNIS HUACON
Contact Address: IRVING PLACE, 15TH FL NE

CON EDISON - MANHOLE 56074 (Continued) **1016450650**

Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: 401-765-1500
Contact Email: HUACOND@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No

CON EDISON - MANHOLE 56074 (Continued) **1016450650**

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130327
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130327
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140327

CON EDISON - MANHOLE 56074 (Continued) **1016450650**

Handler Name: CON EDISON - MANHOLE 56074
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130327
Handler Name: CON EDISON MANHOLE: 56074
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130427
Handler Name: CON EDISON MANHOLE: 56074
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 505 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004296752

CON EDISON - MANHOLE 56074 (Continued) **1016450650**

Facility Status: Not reported
Location Address 1: 505 SACKETT ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004296752
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/27/2013
Trans1 Recv Date: 03/27/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/28/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004296752
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002017214GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CON EDISON - MANHOLE 56074 (Continued) **1016450650**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

R179 **FINEST AUTO & RECOVERY** **FINDS** **1004761790**
SW **310 3RD AVE** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.148 mi.
782 ft. **Site 5 of 6 in cluster R**

Relative: **Lower**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	FINEST AUTO & RECOVERY
Handler Address:	310 3RD AVE
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000090431
Contact Name:	JAMES LEWIS
Contact Address:	3RD AVE
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-488-7100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	3RD AVE
Mailing City,State,Zip:	BROOKLYN, NY 11215
Owner Name:	JAMES LEWIS
Owner Type:	Private
Operator Name:	JAMES LEWIS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

FINEST AUTO & RECOVERY (Continued) **1004761790**

Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008

FINEST AUTO & RECOVERY (Continued) **1004761790**

Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES LEWIS
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 310 3RD AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES LEWIS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 310 3RD AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

FINEST AUTO & RECOVERY (Continued) **1004761790**

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES LEWIS
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 310 3RD AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: FINEST AUTO & RECOVERY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: FINEST AUTO & RECOVERY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000922
Handler Name: FINEST AUTO & RECOVERY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

FINEST AUTO & RECOVERY (Continued) **1004761790**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004564953

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1004761790
Registry ID: 110004564953
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004564953
Name: FINEST AUTO & RECOVERY
Address: 310 3RD AVE
City,State,Zip: BROOKLYN, NY 11215

O180 **VERIZON NEW YORK INC. (NY35570)** **NY UST** **U004198767**
West **318 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.149 mi.
787 ft. **Site 5 of 9 in cluster O**

Relative:
Lower

Actual:
7 ft.

UST:
Name: VERIZON NEW YORK INC. (NY35570)
Address: 318 NEVINS STREET
City,State,Zip: BROOKLYN, NY 11215
Id/Status: 2-344265 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585562.31327
UTM Y: 4503535.51578
Site Type: Utility (Other than Municipal)

Tank Info:

Tank Number: 001
Tank ID: 32534
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 05/16/2006
Registered: True
Tank Location: Underground

VERIZON NEW YORK INC. (NY35570) (Continued) **U004198767**

Tank Type: Steel/carbon steel
Tightness Test Method: 01
Date Test: 05/01/1989
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Tank Number: 003
Tank ID: 32535
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 05/16/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: 01
Date Test: 06/01/1989
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Tank Number: 004
Tank ID: 45622
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1988
Date Tank Closed: 10/01/2003
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Tightness Test Method: 01
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Tank Number: 005
Tank ID: 45623
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 280
Install Date: Not reported
Date Tank Closed: 05/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: NN
Date Test: Not reported

VERIZON NEW YORK INC. (NY35570) (Continued) **U004198767**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Tank Number: 006
Tank ID: 46194
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1993
Date Tank Closed: 10/01/2003
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

O181 **NEW YORK TELEPHONE CO** **RCRA-VSQG** **1000791295**
West **318 NEVINS ST** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.149 mi. **NY MANIFEST**
787 ft. **Site 6 of 9 in cluster O**

Relative: **Lower**
Actual: **7 ft.**

RCRA-VSQG:
Date Form Received by Agency: 20070101
Handler Name: NEW YORK TELEPHONE CO
Handler Address: 318 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYD987028016
Contact Name: FRED SMITH
Contact Address: 31ST AVE
Contact City,State,Zip: WOODSIDE, NY 11377
Contact Telephone: 718-726-9909
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 31ST AVE
Mailing City,State,Zip: WOODSIDE, NY 11377
Owner Name: BANKERS LIFE CO
Owner Type: Private
Operator Name: BANKERS LIFE CO
Operator Type: Private
Short-Term Generator Activity: No

NEW YORK TELEPHONE CO (Continued) **1000791295**

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

NEW YORK TELEPHONE CO (Continued) **1000791295**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: BANKERS LIFE CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10387
Owner/Operator City,State,Zip: DES MOINES, IA 50306
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BANKERS LIFE CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10387
Owner/Operator City,State,Zip: DES MOINES, IA 50306
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BANKERS LIFE CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10387
Owner/Operator City,State,Zip: DES MOINES, IA 50306
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NEW YORK TELEPHONE CO
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

NEW YORK TELEPHONE CO (Continued) **1000791295**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NEW YORK TELEPHONE CO
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930325
Handler Name: NEW YORK TELEPHONE CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004500825

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NEW YORK TELEPHONE CO (Continued) **1000791295**

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ECHO:
- Envid: 1000791295
- Registry ID: 110004500825
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004500825
- Name: NY TELEPHONE-318 NEVINS ST
- Address: 318 NEVINS ST
- City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
- Name: NYNEX
- Address: 318 NEVINS ST
- City,State,Zip: BROOKLYN, NY 11215
- Country: USA
- EPA ID: NYD987028016
- Facility Status: Not reported
- Location Address 1: 318 NEVINS ST -BLDG 35570
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11201
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD987028016
- Mailing Name: NYNEX
- Mailing Contact: NICK CADAVILLO
- Mailing Address 1: 318 NEVINS ST -BLDG 35570
- Mailing Address 2: Not reported
- Mailing City: BROOKLYN
- Mailing State: NY
- Mailing Zip: 11201
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 7182849984

O182 **VERIZON NEW YORK INC. (NY35570)** **NY AST** **A100382320**
West **318 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.149 mi.
787 ft. **Site 7 of 9 in cluster O**

Relative: **Lower**

Actual: **7 ft.**

AST:
- Name: VERIZON NEW YORK INC. (NY35570)
- Address: 318 NEVINS STREET
- City,State,Zip: BROOKLYN, NY 11215
- Region: STATE
- DEC Region: 2
- Site Status: Unregulated/Closed
- Facility Id: 2-344265
- Program Type: PBS
- UTM X: 585562.31327

VERIZON NEW YORK INC. (NY35570) (Continued) **A100382320**

UTM Y: 4503535.51578
Expiration Date: N/A
Site Type: Utility (Other than Municipal)

Tank Info:

Tank Number: 007
Tank Id: 46195
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/01/1993
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/11/2012
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

O183 **NEVIN ST GARAGE** **NY Spills** **S103274088**
West **318 NEVINS ST** **NY LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.149 mi.
787 ft. **Site 8 of 9 in cluster O**

Relative: LTANKS:
Lower
Name: VERIZON
Actual: Address: 318 NEVINS STREET
7 ft. City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0306012 / 2003-10-02
Facility ID: 0306012
Site ID: 164586
Spill Date: 2003-09-06
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: WXSUN
Referred To: 9207367
Reported to Dept: 2003-09-06
CID: 390
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2003-09-06
Spill Record Last Update: 2009-05-21
Spiller Name: ENVIROTRAC
Spiller Company: VERIZON

NEVIN ST GARAGE (Continued) **S103274088**

Spiller Address: 318 NEVINS ST
Spiller County: 001
Spiller Contact: ENVIROTRAC
Spiller Phone: (631) 471-1500
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 257452
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 9/29/03 1119 Hrs DDO Sawyer tracked down address and sent tank test failure letter to John Quatrale at Verizon. 9/29/03 Reassinged from DeMeo to Sun. 10/02/03 This spill is being remediated under Spill # 9207367. closed. "
Remarks: "tank failed test - no product spillage"

All TTF:
Facility ID: 0306012
Spill Number: 0306012
Spill Tank Test: 1528647
Site ID: 164586
Tank Number: Not reported
Tank Size: 4000
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 164586
Operable Unit ID: 874585
Operable Unit: 01
Material ID: 503248
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: VERIZON
Address: 318 NEVINS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9207367 / 2015-06-04
Facility ID: 9207367
Facility Type: ER
DER Facility ID: 257452
Site ID: 319546

NEVIN ST GARAGE (Continued) **S103274088**

DEC Region: 2
Spill Cause: Unknown
Spill Class: B3
SWIS: 2401
Spill Date: 1992-09-24
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1992-09-24
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 1992-09-28
Spill Record Last Update: 2015-06-04
Spiller Name: Not reported
Spiller Company: VERIZON
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN transfered from tang/sullivan to tibbe. see also 9314103 and 0306012 at the same location. 09/23/03 Transferred from Tibbe to Sun 10/01/03 Joe Sun of NYSDEC spoke to Jeff Bohlen of Envirotrac (Consultant to Verizon) regarding the removal of two (2)x4000 gallon FRP USTs, which are scheduled to be removed today, 10/01/03. J.Bohlen stated that they will take the end samples next Tuesday or Wednesday . He will call again to confirm the time and date for DEC people to be at the site to witness the soil sampling. 10/02/03- Sun- Faxed letter to John Quatrale of Verizon and Jeff Bohlen of EnviroTrac requesting the area to be excavated in conjunction with the tank removal activities currently progressing on site. Soil excavation will remove the source of the groundwater contamination, and accelerate the remediation of the spill site. Since source material exists under the sidewalk, an attached letter can be used to expedite the DOT permit acquisition. 10/03/2003-Sun-Spoke with John Quatrale of Verizon about excavation of contaminated soils at 318 Nevins Street. He stated that he agrees with DEC's recommendation to excavate the area on south side of Union Stret. Per DEC's request, Verizon will proceed to expedite the DOT permit acquisition immediately. We will meet next week at the site to further survey the facility when Envirotrac starts to take end samples. 10/7/2003-Sun & Vought visited the Verizon's site and met John Quatrale of Verizon and Jeff Bohlen of Envirotrac. At the time of our visit, one 4000 gallon gasoline FRP UST was already removed. Based on our discussion, Verizon will take one end sample for every twenty five (25) feet on each side wall and one ground water sample on the bottom of the tank. The extent of excavation will be based on the PID readings. The analysis of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) will be performed using EPA Methods 8260 & 8270, respectively. Verizon will excavate another 4000 gallon fiberglass coated steel UST (diesel tank) on 10/9/2003. 1/5/06: Case

NEVIN ST GARAGE (Continued) **S103274088**

reassigned to Andersen. Reviewed the quarterly report for April - June 2005. There is a strong decrease in contaminants by natural attentuation. Max BTEX 2,855 (MW8) and max MTBE 110 (MW 8 and 9). 1/12/06: Reviewed quarterly third 2005 quarterly report. Increase in contaminant concentration in the hotspot (MW-8 and MW12). Wait one more quarter and send and RAP required letter. Max BTEX 6,791 ppb (MW8) and max MTBE 145 ppb (MW8). 2/9/06: Reviewed fourth quarterly 2005 report. Fluctuating concentrations in MW-8. Max BTEX 3991 ppb and max MTBE 137 ppb. Sent RAP required letter. 4/6/06: RAP approved. Two closed-in-place 2,000 gallon tanks will be removed and soil excavated. 4/27/06: Meeting with Verizon, NYSDEC, and EnviroTrac. Two closed in place tanks will be removed. There is old fill material and concrete remnants of old buildings in the ground. This site is adjacent to the Gowanus Canal. 5/4/06: Access letter sent to envirotrac for MTA permit. 5/11/06: Received first quarterly 2006 report. Excavation and tank removal planned for 5/15/06. Max BTEX 4,348ppb (MW8), max MTBE 61 ppb. 8/25/06: One 2,000 gallon diesel and one 2,000 gallon gasoline previously abandoned USTs were removed in May 2006. Impacted soil was removed to limits of excavation (tieback wall of gowanus canal and retaining wall). A petroleum sheen was seen in water in excavation and 838 gallons of was were removed with a vacuum truck. Two endpoint samples collected, no VOC exceedances, some sVOC exceedances. Two monitoring wells were installed in the excavation (MW16 and MW17). Groundwater sampled on 6/15/06. Max BTEX 3,806 ppb in MW8, max MTBE 27ppb in MW17. Third quarter 2006 gw sampling scheduled for September. 11/27/06: Received July - September 2006 update report. Wells sampled on 9/11/06. Max BTEX 5,164 ppb in MW8. Fluctuating gw concentrations. This is the second sampling event since source removal. An RAP may be required after next sampling event. 2/22/07: Reviewed update report. Wells sampled on 12/15/06. Max BTEX 1,648 ppb (MW8), max MTBE 46 ppb (MW17). Local treatment of MW8 may be required if it does not naturally attenuate. 5/24/07: RAP required for groundwater treatment of MW8. Due 7/5/07. 7/6/07: Received RAP for MNA until the end of 2007. At that time, if the level of contamination warrants remedial action, the feasibility of chemical oxidation in the area of mw8 will be evaluated . 8/30/07: Reviewed update report. Wells sampled on 6/8/07. Max BTEX 833 ppb (MW8), max MTBE 120 ppb (MW17). MNA until fourth quarter 2007. 7/2/08 - Carlson: Reviewed January - March 2008 update report. Wells sampled on 3/26/08. Max BTEX 1,848 ppb (MW8). Report states a workplan will be submitted under a separate cover. Emailed Tom Bosshard - what is the expected workplan submittal date. 7/3/08 - Carlson: Received email from Tom Bosshard. RAP will be submitted by July 31, 2008. 8/6/08 - Carlson: Approved Remedial Work Plan for the use of Regenox. Regenox will be injected into four new injection wells in the sidewalk adjacent to wells MW8 and MW12. 8/7/08 - Carlson: Received email from John Quatrale: Labor negotiations are ongoing and the union is working without a contract since August 3, this may drag on for some time. That said, I am still trying to get the work done before the end of the month and will advise as to the actual scheduled date. 8/25/08 - Carlson: Received OMMP rep 8/25/08. Injection well installation scheduled for 9/9/08. Received email from Tom Bosshard : Please note that baseline monitoring for parameters outlined in the OMMP will be conducted during the third quarter ground-water sampling event, which will be conducted during the week of September 8th. We expect to conduct the RegenOx injection in late September or October, prior to the fourth quarter

NEVIN ST GARAGE (Continued) **S103274088**

ground-water sampling event scheduled for December. Reviewed April through June 2008 Update Report. Wells sampled on June 20, 2008. Depth to water 4 - 9 ft. Maximum BTEX concentration 12,370 ppb (MW8). 10/17/08 - Carlson: Reviewed July 2008 - September 2008 Update Report. Wells sampled on 9/7/08. Maximum BTEX concentration 720 ppb in MW12. Six injection wells installed and Regenox injected in September 2008. Monitoring wells MW8 and MW12 will be sampled in October 2008 to evaluate Regenox effectiveness. 3/5/09 - Carlson: Reviewed October - December 2008 Quarterly Report. Regenox injected in November. Spike in MW8 may be from dissolution resulting from Regenox. Regenox injection planned again in May 2009. 5/4/09 - Carlson: Reviewed update report. General decrease in contaminant concentrations. Another regenox injection planned in may 2009. 8/20/09 - Carlson: Reviewed April 2009 through June 2009 Update Report. A third injection event was performed in May 2009. BTEX,TVOCs are still high in MW8. 12/18/09 - Carlson: Reviewed update report. EFR planned on December 10 to recover contaminants desorbed by Regenox. 2/19/2010 - Carlson: Reviewed update report. EFR conducted in December 2009 prior to December sampling event. Impacted groundwater remains in MW8. Another EFR planned prior to March sampling event. 5/13/2010 - Carlson: Reviewed update report. EFR on 3/3/2010. Wells sampled on 3/30/2010. Low dissolved concentrations. Another EFR event planned prior to June sampling event. 8/27/2010 - Carlson: Reviewed April 2010 through June 2010 Update Report. EFR conducted from MW8. Spike in concentration in MW8. Quarterly EFR and groundwater sampling to continue. 11/9/2010 - Breen. July through September Update report received from Environtrac. EFR extraction at MW-8 on 9-7-10. Next event scheduled for December. 2/17/2011 - Breen. Paper copy of October-December 2010 Update rpt received from Environtrac. 08/08/11: This spill case transferred from G. Breen to J. Kolleeny. Reviewed Update Rpt for Jan. thru March 2011 by EnviroTrac, submitted on 5/9/11 (in eDocs). Rpt gives results of 3/29/11 GW sampling event. High levels of contam continue to persist in MW-8, which had 7,410 ug/L total VOCs (down from 13,031 ug/L in Dec. 2010). Off-site up-gradient well MW-11 had 343 ug/L tVOCs (up a little from 322 ug/L in Dec. 2010), and up-gradient on-site well MW-12 had 401 ug/L tVOCs, up from 320 ug/L in Dec. 2010; contam in both MW-11 and MW-12 is primarily benzene (320 ug/L benzene in MW-11; 400 ug/L in MW-12). Rpt states that EFR events will continue at MW-8 on regular basis, with next EFR event scheduled for June 2011, and GW sampling to be conducted 2 or 3 weeks after that. Spoke with Tom Bosshard of EnviroTrac, who mentioned they found an unknown monitoring well across Union St. from MW-8, and wondered if I knew who installed it and if it would be OK for them to sample it for addt'l up-gradient GW data. I could not find a nearby open spill case, but told Tom I see no reason not to sample well. I suggested that they should measure depth to bottom of well and determine screened interval to make sure well will provide reliable data. He said they would. Changed site priority ranking to P2, because site is in post-injection monitoring phase. - J. Kolleeny 03/16/12: On 3/13/12, got phone message from Gavin Zollo of EnviroTrac asking that I review proposal in Sept. - Dec. 2011 Update Rpt to remove a number of monitoring wells from quarterly sampling program. I reviewed EnviroTrac's Update Rpts for April-June 2011, July-Sept. 2011, and Oct.-Dec. 2011, submitted 8/9/11, 11/18/11, and 3/13/11, resp. (all in eDocs). Rpts show no impacts in wells proposed for removal from quarterly GW mon. program, but increasing total VOCs in well MW-8 and

NEVIN ST GARAGE (Continued) **S103274088**

to lesser extent in off-site wells MW-11 and MW-18 (across Union St. from MW-8). For June 2011 sampling event, MW-8 had 11,381 ug/L total VOCs, MW-11 had 439 ug/L tVOCs (MW-18, referred to in rpt as unknown well, was not sampled, but rpt states that well will be inspected during Sept. 2011 event and if in satisfactory condition, will be sampled). In Sept. 2011, MW-8 had 12,671 ug/L tVOCs, MW-11 had 331 ug/L tVOCs, and MW-18 had 36 ug/L tVOCs. (Rpt notes that DEC conducted a spill search of area which did not reveal any open or closed spills that might explain presence of well MW-18; also says EnviroTrac requests that DEC conduct addt'l review of properties up-gradient of site to northeast of Verizon site to try to find reason this well was installed, and states that it appears that an off-site source is impacting Verizon's up-gradient monitoring well network.) For Dec. 2011 sampling event, MW-8 had 16,454 ug/L tVOCs, MW-11 had 423 ug/L tVOCs, and MW-18 had 343 ug/L tVOCs. Rpt recommends removing wells MW-3, MW-4, MW-6, MW-7, MW-10, MW-13, MW-15, MW-16 & MW-17 from quarterly GW sampling schedule; these wells would continue to be gauged for depth to water and presence of product on quarterly basis and would be sampled annually during September GW monitoring event. On 3/16/12, I sent email to Gavin Zollo of EnviroTrac: Gavin, I've looked over EnviroTrac's Update Rpt for Sept. thru Dec. 2011 for this spill site, dated 3/13/12, and want to send out email approving recommendations to eliminate most on-site wells from quarterly sampling program but to continue to gauge them quarterly and sample them annually. Can you please provide contact info for your client, including name, position, address and email address? Also, looking back over last three quarterly status rpts, I notice that total VOC concentrations in problematic well MW-8 have steadily increased, from about 11,000 ug/L to over 16,000 ug/L! This is in spite of EnviroTrac performing quarterly EFR events on well and recently adding air sparging at several nearby wells that were installed for chem ox injections. Do you have any thoughts as to what might be going on at well MW-8? If you're going to suggest an up-gradient off-site source, I'm sorry but I don't buy it. First, even tho EnviroTrac's rpts refer to MW-8 as an off-site well, I don't consider it to be off site, just because it's in sidewalk. It's in immediate vicinity of Verizon's USTs that are known to have leaked. Second, concentrations in wells across street, MW-18 and MW-11, are much lower, which argues against an off-site plume reaching MW-8 from an up-gradient source. Third, as concentrations in MW-8 have increased, moderate VOC levels in wells across street have also increased, suggesting to me that they are responding to whatever is going on at MW-8; possibly there is some tidal effect from nearby Gowanus Canal smearing contamination in MW-8 over toward MW-18 and MW-11. Anyway, please let me know your thoughts on this, and please provide contact info for someone at Verizon. Gavin wrote back: Jon, Please send all correspondence for any Region 2 Verizon facilities, including 318 Nevins Street, to Tom Bosshard. After a recent rearrangement of their envt'l group he is current Envt'l Manager for Verizon in NY area. His info is below: Thomas H. Bosshard, CPG Environmental Manager, Verizon Global EH&S Compliance 501 North Ocean Avenue, Patchogue, New York 11772 O: 631-654-7920, F: 631-475-2217, C: 631-901-8272 thomas.bosshard@verizon.com Jeff Bohlen, who is out in field today, and myself will review other points mentioned in your email and get back with you next week. Thank you for expediting your review of current rpt prior to our next sampling event. We appreciate your efforts. - J. Kolleeny 03/19/12: I sent email to Tom Bosshard of

NEVIN ST GARAGE (Continued) **S103274088**

Verizon, cc to Gavin Zollo of EnviroTrac: Dear Mr. Bosshard: I have reviewed Update Rpt for Sept. thru Dec. 2011 pertaining to this spill site, prepared by EnviroTrac Envt'l Svcs and submitted on 3/13/12. Rpt presents results of GW sampling performed at site in Dec. 2011, as well as historical GW sampling data. Based on data, EnviroTrac recommends removing monitoring wells MW-3, MW-4, MW-6, MW-7, MW-10, MW-13, MW-15, MW-16 & MW-17 from quarterly GW sampling schedule; these wells would continue to be gauged for depth to water and presence of free product on quarterly basis and would be sampled annually during September GW monitoring event. This recommendation is approved. However, DEC notes that contaminant levels in well MW-8, located in sidewalk along Union Street and in vicinity of removed gasoline & diesel USTs, have steadily increased over last three sampling events, from ~11,000 ug/L total VOCs in June 2011 to over 16,000 ug/L total VOCs in Dec. 2011. This increase has occurred in spite of quarterly enhanced fluid recovery events being performed on this well, plus recent addition of air sparging using several nearby injection wells installed for application of chemical oxidant. DEC requests that EnviroTrac review available historical soil data from UST removal and from install'n of monitoring and injection wells to evaluate possibility that residual soil contamination in this area may be acting as an ongoing source of GW contamination. If contaminant levels in MW-8 continue to remain elevated, addt'l remedial actions may be required to address contamination. Please feel free to contact me if you have any questions. - J. Kolleeny 03/20/12: Received email response from Gavin Zollo of EnviroTrac, with cc's to Jeff Bohlen of EnviroTrac and Tom Bosshard of Verison Envt'l: John, Per your request, attached is hydrograph of MW-8 with notes of significant events. As you can see, water table elevation has increased over last few years by approx 2-3 ft. A rise in water table appears to correlate with higher BTEX concentrations and following injection of RegenOx, BTEX apparently desorbed from soil resulting in higher BTEX concentrations as compared to previous levels (this is common with RegenOx and tapers off with time). I suggest we continue with EFR/Air Sparging schedule and evaluate BTEX levels after 6 months (following 3rd quarter sampling in September). If you have any questions, please contact me. I wrote back, with same cc's: Gavin, Thanks for your comments and for hydrograph of well MW-8. It is very possible that rise in water table elevation and effects of RegenOx injections may explain increase in VOC concentrations in well MW-8. I agree with your suggestion that EnviroTrac continue with EFR/air sparging program and re-evaluate GW conditions after 3rd quarter 2012 sampling event. Email exchange is in eDocs, with hydrograph attached as last page. - J. Kolleeny 07/05/12: Reviewed Update Rpt - Jan. thru March 2012 by EnviroTrac, submitted with transmittal sheet dated 4/13/12 and received 4/16/12 (in eDocs). Rpt states that enhanced fluid recovery was performed on worst well, MW-8, on 3/16/12, recovering 1,536 gals of GW, and portable air sparge system was also used to enhance recovery of residual soil vapors in vicinity of MW-8 by injecting air into surrounding injection wells IW-1 thru IW-3; effluent air had PID readings up to 31 ppm. GW samples were collected on 3/30/12 from wells MW-8, MW-9, MW-11, MW-12 and MW-18. Well MW-8 had 11,344 ug/L total BTEX (down from 12,018 ug/L in December 2011) and 17,528 ug/L total VOCs (up from 16,454 ug/L in December 2011); MW-11 had 344.5 ug/L tVOCs (down from 423.2 ug/L in Dec. 2011), MW-12 had 200 ug/L tVOCs (down from 261.1 ug/L in Dec. 2011), and MW-18 (which rpt

NEVIN ST GARAGE (Continued) **S103274088**

refers to as up-gradient) had 272.5 ug/L tVOCs (down from 343.4 ug/L in Dec. 2011). Well MW-18 seems to be cross-gradient to me, and contam there is likely due to tidal smearing from nearby Gowanus Canal. Rpt states that EFR events in conjunction with air sparging events will continue at MW-8 on quarterly basis, with next event scheduled for June 2012, followed by GW sampling 2-3 weeks later. - J. Kolleeny 09/14/12: Reviewed Update Rpt April-June 2012 by EnviroTrac, submitted with transmittal sheet dated 8/20/12 (in eDocs). GW sampling on 6/28/12 showed worst well, MW-8, had 10,487 ug/L total VOCs (down from 17,528 ug/L in March 2012); well MW-11 had 501 ug/L tVOCs (up from 345 ug/L in March 2012) and well MW-18 had 341 ug/L tVOCs (up from 273 ug/L in March 2012). Rpt states that quarterly EFR events will continue to be performed on MW-8 in conjunction with AS events at surrounding injection wells, with next event scheduled for Sept. 2012; 3rd quarter 2012 GW sampling event will be conducted 2 or 3 weeks after EFR/AS event. Also, received phone call from Mark Godick of AKRF (914-922-2356), consultant to property owner (Verizon is tenant), who is trying to get NYC to rezone property. They plan to develop property with a bldg in a year or so; bldg will likely cover former UST area (but not sidewalk where MW-8 is located), and they will likely be excavating soil, perhaps dewatering, and installing vapor barrier beneath bldg (GW too shallow for SSDS). They will be doing a RAP for NYCOER related to this. We discussed remedial options for Verizon and whether re-development could interfere with spill cleanup, and agreed that this is unlikely since main residual impacts appear to be in sidewalk along Union St., not in former UST area. Mark will be in touch in future. - JK 10/25/12: Met with Tom Bosshard of Verizon and Jeff Bohlen of EnviroTrac; Vadim Brevdo and Paul John of DEC also attended (sign-in sheet in eDocs). Verizon's lease expires at end of 2013, and they plan to close bldg by mid-December 2012. To expedite spill closure, they propose to excavate soil in sidewalk area around problem well MW-8 down to GW. I suggested they also apply oxidizing chemicals to GW in excavation; they agreed. They will prepare and submit work plan for excavation, separate from 3rd quarter monitoring rpt. - J. Kolleeny 12/04/12: Reviewed Update Rpt July 2012 through Sept. 2012 by EnviroTrac, submitted under transmittal letter dated 11/28/12 (in eDocs). Rpt summarizes performance of EFR on well MW-8, and presents results of Sept. 2012 GW sampling event. EFR was done on Sept. 8, 2012, recovering total of ~1,135 gals of GW. Results of GW sampling on Sept. 25, 2012 show MW-8 had 7,147 ug/L total VOCs, down from 10,487 ug/L in June 2012; MW-11 had 381 ug/L tVOCs, down from 501 ug/L in June 2012; MW-12 had 330 ug/L tVOCs, up from 230 ug/L in June 2012; MW-18 had 92 ug/L tVOCs, down from 341 ug/L in June 2012. Rpt states that remedial alternatives for area of MW-8 are currently being evaluated; in meantime, quarterly GW monitoring and EFR events will continue, with next round scheduled for December 2012. - J. Kolleeny 01/30/13: Reviewed Update Rpt Oct. thru Dec. 2012 by EnviroTrac, dated 1/23/13 (in eDocs). EFR was conducted on MW-8 on 12/11/12, with air sparging at nearby injection wells; during EFR with sparging, PID monitoring of effluent air stream at MW-8 gave readings up to 101 ppm. Vacuum measurements taken at nearby wells show no measurable vacuum influence; however, water levels in nearby wells decreased slightly, indicating creation of capture zone around MW-8. Total of 600 gals of water were recovered during 8-hr event. GW sampling on 12/28/12 showed significant decrease in VOCs in worst well MW-8, which had 2,690 ug/L total VOCs, down from 7,147 ug/L in

NEVIN ST GARAGE (Continued) **S103274088**

Sept. 2012, and was 3rd consecutive quarterly decrease. Well MW-11 had 206 ug/L tVOCs (down from 381 ug/L in Sept. 2012) and well MW-12 had 331 ug/L tVOCs (~same as 330 ug/L in Sept. 2012). Rpt states that quarterly GW monitoring will continue, and that remedial plan to address area of MW-8 will be submitted under separate cover. - J. Kolleeny 02/01/13: Reviewed Addt'l Remedial Work Plan by EnviroTrac, dated 1/31/13 (in eDocs). Work Plan proposes excavation of soil from vicinity of persistently most-contaminated well MW-8, in sidewalk along Union St adjacent to site, and application of RegenOx"! and ORC Advanced to excavation. Existing on-site monitoring wells will be abandoned, and any wells destroyed during excavation will be replaced for post-excavation GW monitoring, which will be performed and reported on quarterly basis. Work plan includes a Community Air Monitoring Plan (after request by DEC). I sent letter (in eDocs) to Tom Bosshard of Verizon, cc to Jeff Bohlen of EnviroTrac, approving plan but asking that end-pt soil samples be collected from excavation sidewalls if feasible, to document soil conditions at excavation limits. - J. Kolleeny 08/07/13: Reviewed 4/29/13 Update Rpt Jan. thru March 2013 by EnviroTrac (in eDocs as Post-Excavation Status Rpt). Summarizes excavation of contam soil in sidewalk area along Union St. during Feb. 2013. Excavation done in two parts; from first area, two sidewall and one bottom end-pt soil samples were collected, results showed no significant residual impacts. In 2nd area, one bottome end-pt sample was collected (due to sheeting, no sidewalls could be collected); results again showed no significant residual impacts. Prior to backfilling, RegenOx and ORC Advanced were applied to both excavation areas. Well MW-8 (historically worst well) was destroyed during excavation but was reinstalled during backfilling. Total of 82.64 tons of soil were removed. After excavation, all on-site monitoring wells were properly abandoned (as previously approved by DEC). On March 29, 2013, off-site (i.e., sidewalk) wells MW-8, MW-9, MW-11, MW-12 and MW-18 were gauged and sampled. No free product detected. Results show MW-8 had 8,644 ug/L total VOCs, up from 2,690 ug/L in Dec. 2012; well MW-11 had 214.5 ug/L tVOCs, up from 206 ug/L in Dec. 2012. EnviroTrac states that increases are likely due to disturbance of subsurface by excavation and application of chem ox. Quarterly GW monitoring will continue, with next event to be in June 2013. - J. Kolleeny 12/04/13: Reviewed 8/27/13 Update Rpt April-June 2013 by EnviroTrac (in eDocs). Results of June 2013 GW sampling event show well MW-8 had 4,052 ug/L total VOCs (down from 8,644 ug/L in March 2013), well MW-12 had 220 ug/L tVOCs (same as in March 2013), well MW-18 had 81 ug/L tVOCs (up from 37 ug/L in March 2013). EnviroTrac attributes tVOCs decrease in MW-8 to excavation of contam soil source material and subsequent chem ox application, states that well network will continue to be sampled on quarterly basis, in Sept. and Dec. 2013. - JK 01/27/14: Reviewed 10/29/13 Update Rpt June-Sept. 2013 by EnviroTrac (in eDocs). Results of Sept. 2013 GW sampling event show well MW-8 had 4,378 ug/L total VOCs (up from 4,052 ug/L in June 2013), well MW-12 had 391 ug/L tVOCs (up from 220 ug/L in June 2013), well MW-18 had 9 ug/L tVOCs (down from 81 ug/L in June 2013). EnviroTrac notes that total BTEX in well MW-8 decreased from 1,983 ug/L in June 2013 to 1,814 ug/L in Sept. 2013, and attributes this to excavation of contaminated source material and subsequent chem ox/ORC application. Rpt states that well network will continued to be sampled quarterly, with Dec. 2013 event. - J. Kolleeny 02/18/14: Reviewed 1/15/14 Update Rpt Sept.-Dec. 2013 by EnviroTrac (in eDocs). Results of 12/24/13 GW sampling show well MW-8 had 11,332 ug/L total

NEVIN ST GARAGE (Continued) **S103274088**

VOCs (up from 4,378 ug/L in Sept. 2013), well MW-11 had 155 ug/L tVOCs (up from 72 ug/L in Sept. 2013), well MW-12 had 280 ug/L tVOCs (down from 391 ug/L in Sept. 2013). Rpt states that rebounding of VOC concentrations in GW is common after chem ox / ORC applications and is likely cause of increase in VOCs in well MW-8. This seems somewhat dubious, as RegenOx & ORC Advanced were applied to open excavation (i.e., not injected) in Feb. 2013, and this was 4th GW sampling event since then. On 1/15/14, Gavin Zollo of EnviroTrac sent email noting that 4th Quarter 2013 rpt being sent summarizes 4th quarterly event since remedial actions, and requesting meeting to discuss future options. On 2/12/14, I did prelim review of rpt and emailed Gavin with suggested meeting date of 3/5/14; on 2/14/14, Gavin confirmed date was good for meeting. - J. Kolleeny 03/07/14: On 3/5/14, met with Tom Bosshard of Verizon and Jeff Bohlen of EnviroTrac to discuss site status and future course of action. DEC stated that spill cannot be closed yet in light of increased VOC concentrations in well MW-8; Verizon & EnviroTrac agreed, but noted that many remedial actions have been performed at site, including two UST removals with soil excavation, chem ox injections, vacuum-enhanced fluid recovery plus air sparging, and most-recent soil excavation in sidewalk area of MW-8 (well was replaced) plus application of chem ox to open excavation. I suggested further quarterly monitoring of well MW-8 only, with annual sampling of other wells; however, if results for MW-8 show decreasing trend before year is over, other wells should be sampled in support of spill closure. Verizon/EnviroTrac agreed with this suggestion. After meeting, on 3/6/14, Tom Bosshard sent email to document these discussions: Jon, Thank you to Vadim and yourself for your time in meeting with Jeff and myself yesterday to discuss spill case. As you know, Verizon NY has expended a great deal of effort in remediating this spill site, and is appreciative of DEC s continued guidance as we continue on path to spill closure. Most recently, remedial efforts included soil excavation and chemical oxidation application in area of off-site monitoring well MW-8 in Feb. 2013, followed by four quarters of GW monitoring and sampling through Dec. 2013 utilizing five off-site monitoring wells. As discussed and mutually agreed during yesterday s meeting, Verizon NY proposes to continue quarterly monitoring and sampling at monitoring well MW-8 in 2014 during months of March, June, September and December, and conducting annual monitoring and sampling at monitoring wells MW-9, 11, 12 and 18 during month of December 2014, at which time request for spill closure will again be considered. Results of quarterly monitoring and sampling at MW-8 will also be continually evaluated, and MW-9, 11, 12 and 18 may be monitored and sampled prior to December 2014 if a trend in quarterly dissolved concentrations at MW-8 supports a spill closure request. I sent email reply: Tom, Thanks for your email documenting our discussions from Wednesday's meeting and agreed-upon future course of action for this spill site. - J. Kolleeny 05/28/14: Reviewed Update Rpt January thru March 2014 by EnviroTrac, dated 4/25/14 (in DecDocs). Rpt presents results of GW sampling of well MW-8 on 3/20/14, showing well had 2,725 ug/L total VOCs, down from 11,332 ug/L in Dec. 2013. Rpt states that monitoring of MW-8 will continue, with next sampling event scheduled for June 2014. - J. Kolleeny 10/15/14: Reviewed Update Rpt April-June 2014 by EnviroTrac, dated 7/1/14 (in DecDocs). Rpt presents result of June 20, 2014 sampling of well MW-8, showing well had 3,248 ug/L total VOCs (up from 2,725 ug/L in March 2014). Rpt states that GW monitoring will continue, with next sampling event for MW-8 in Sept.

NEVIN ST GARAGE (Continued) **S103274088**

2014, and with annual sampling of all remaining wells (MW-8, MW-9, MW-11, MW-12 & MW-18) in Dec. 2014, at which time results will be re-evaluated for petitioning for spill closure. - J. Kolleeny 12/15/14: Reviewed Update Rpt July-Sept 2014 by EnviroTrac, dated 11/7/14 (in DecDocs). Sampling of well MW-8 in Sept 2014 showed 2,658 ug/L total VOCs (down from 3,248 ug/L in June 2014). Rpt states that wells MW-8, MW-9, MW-11 and MW-18 will be sampled in Dec. 2014 for annual GW sampling event. Rpt also states that well MW-12 (in Union St sidewalk to SE of MW-8) was found to have been destroyed, and that Verizon does not intend to replace well. Rpt states that results of post-remediation quarterly GW monitoring will continue to be summarized in quarterly reports and continually evaluated for request of spill closure. - JK 02/23/15: Reviewed Update Rpt Oct.-Dec. 2014 by EnviroTrac, dated 1/12/15 (in DecDocs). GW sampling on 12/19/14 showed well MW-8 had 7,260 ug/L total VOCs (up from 2,658 ug/L in Sept. 2014), well MW-9 had 4.3 ug/L tVOCs (had 4.8 ug/L tVOCs when last sampled in Dec. 2013), well MW-11 had 158.6 ug/L tVOCs (had 155.1 ug/L tVOCs when last sampled in Dec. 2013), well MW-12 had 282.4 ug/L tVOCs (had 280 ug/L when last sampled in Dec. 2013), well MW-18 had 7.9 ug/L tVOCs (had 3.2 ug/L tVOCs when last sampled in Dec. 2013). Rpt notes that construction activities in sidewalk along Union St. were noted during Sept. 2014 GW sampling event, and EnviroTrac speculates that such ground disturbance activities may have caused increase in VOCs in MW-8 this quarter, which was a departure from previous 3 quarters. EnviroTrac recommends another GW sampling event in March 2015 to evaluate request for spill closure. - JK 06/04/15: Reviewed Update Rpt & Request for Spill Closure, Jan. through March 2015 by EnviroTrac, dated 4/3/15 (in DecDocs). On 3/16/15, a GW sample was collected only from problem well MW-8, as I agreed to in discussions with EnviroTrac. Sample result showed well MW-8 had 1,158 ug/L total VOCs (down from 7,260 ug/L in Dec. 2014, an upward fluctuation or spike which EnviroTrac stated was likely attributable to construction activities in Union Street sidewalk near MW-8 in Fall 2014, possibly related to subsurface utilities). Well MW-8 had only 12 ug/L of benzene (down from 72 ug/L in Dec. 2014). Based on overall decreasing trend in VOC levels in MW-8, absence of significant impacts in other site-related wells, and substantial remedial efforts undertaken at site (including UST removals, soil excavations, application of oxygen-releasing material and chemical oxidant (to open excavations and via injections), performance of vac truck extraction events, EnviroTrac requests spill closure. I agree spill closure is appropriate based on remedial actions performed, relatively low residual contaminant levels, and decreasing trend in contaminant levels, which is likely to continue by natural attenuation processes. I closed spill case, sent spill closure letter (in DecDocs) to Thomas Bosshard of Verison, cc to Jeff Bohlen of EnviroTrac. - J. Kolleeny"

Remarks: "GASOLINE DISCOVERED IN WELL NEAR TANK 2K GASOLINE WILL TEST NEXT WEEK4K GASOLINE DOUBLE WALL,FIBERGLASS WILL CHECK LEAK DET- SYSTEM AND SPACE 2K DEISEL WILL TEST NEXT WEEK."

All Materials:

Site ID:	319546
Operable Unit ID:	974312
Operable Unit:	01
Material ID:	408007
Material Code:	0009
Material Name:	gasoline

NEVIN ST GARAGE (Continued) **S103274088**

Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

Name: VERIZON
Address: 318 NEVINS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9314103 / 2003-04-14
Facility ID: 9314103
Facility Type: ER
DER Facility ID: 257452
Site ID: 296335
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 1994-03-02
Investigator: MCTIBBE
Referred To: 9207367
Reported to Dept: 1994-03-02
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-03-03
Spill Record Last Update: 2009-05-21
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE refer to 9207367. "
Remarks: "LOOKS TO BE PROBLEM WITH FILL BOX SPILL ON GRAVED AT FILL AREA - TO VAC UP & DO FOLLOW UP CLEAN UP."

All Materials:
Site ID: 296335
Operable Unit ID: 996062
Operable Unit: 01
Material ID: 558809
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00

NEVIN ST GARAGE (Continued) **S103274088**

Oxygenate: Not reported

Name: NEVIN ST GARAGE
Address: 318 NEVINS ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9801467 / 1998-05-05
Facility ID: 9801467
Facility Type: ER
DER Facility ID: 64089
Site ID: 67006
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 2401
Spill Date: 1998-05-04
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1998-05-04
CID: 370
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-05-04
Spill Record Last Update: 2010-05-25
Spiller Name: Not reported
Spiller Company: BELL ATLANTIC
Spiller Address: Not reported
Spiller Company: 001
Contact Name: ABOVE NOTIFIER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY RP. "
Remarks: "spill to pavement - spill contained - cleanup crew enroute - unk cause from a veh"

All Materials:
Site ID: 67006
Operable Unit ID: 1059104
Operable Unit: 01
Material ID: 558084
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 318 NEVINS STREET
Address: 318 NEVINS STREET

NEVIN ST GARAGE (Continued) **S103274088**

City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9208840 / 1992-10-30
Facility ID: 9208840
Facility Type: ER
DER Facility ID: 257452
Site ID: 319547
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 1992-10-30
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-10-30
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1992-10-30
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-11-04
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "OCURRED WHILE TESTING OIL WATER SEPERATION DRAIN SYSTEM OIL WENT TO BOOM DELAYED SINCE YESTERDAY,MECHANICAL PROBLEM HAS FIXED PROBLEM NO MORE LEAK ONLY 2 GALS"

All Materials:
Site ID: 319547
Operable Unit ID: 972381
Operable Unit: 01
Material ID: 405919
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

N184 **MTA NYCT - 4TH AVE GARFIELD PL** **RCRA-SQG** **1026834088**
SSE **276 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.151 mi.
795 ft. **Site 11 of 11 in cluster N**

Relative: **Higher**

Actual: **25 ft.**

RCRA-SQG:
Date Form Received by Agency: 20210823
Handler Name: MTA NYCT - 4TH AVE GARFIELD PL
Handler Address: 276 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000250654
Contact Name: ISABEL POTTER
Contact Address: BROADWAY 27TH FL
Contact City,State,Zip: NEW YORK, NY 10004
Contact Telephone: 646-252-5777
Contact Fax: Not reported
Contact Email: ISABEL.POTTER@NYCT.COM
Contact Title: SYSTEM SAFETY SPECIALIST
EPA Region: 02
Land Type: State
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: BROADWAY 27TH FL
Mailing City,State,Zip: NEW YORK, NY 10004
Owner Name: MTA NYCT
Owner Type: State
Operator Name: MTA NYCT
Operator Type: State
Short-Term Generator Activity: Yes
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

MTA NYCT - 4TH AVE GARFIELD PL (Continued) **1026834088**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210823
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MTA NYCT
Legal Status: State
Date Became Current: 19200101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: 646-252-5777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALPROTECTIONNYCT@NYCT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MTA - NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19200101

MTA NYCT - 4TH AVE GARFIELD PL (Continued) **1026834088**

Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: 646-252-5777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALPROTECTIONNYCT@NYCT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MTA NYCT
Legal Status: State
Date Became Current: 19200101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: 646-252-5777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALPROTECTIONNYCT@NYCT.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: MTA - NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19200101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: 646-252-5777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTALPROTECTIONNYCT@NYCT.COM

Historic Generators:
Receive Date: 20210608
Handler Name: MTA - NEW YORK CITY TRANSIT 4TH AVE GARFIELD PL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210823
Handler Name: MTA NYCT - 4TH AVE GARFIELD PL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

MTA NYCT - 4TH AVE GARFIELD PL (Continued) **1026834088**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 485111
NAICS Description: MIXED MODE TRANSIT SYSTEMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O185 **318 NEVINS STREET** **NY BROWNFIELDS** **S128529087**
West **300-344 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.151 mi.
795 ft. **Site 9 of 9 in cluster O**

Relative: **Lower**
Actual: **7 ft.**

BROWNFIELDS:
Name: 318 NEVINS STREET
Address: 300-344 NEVINS STREET
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 630084
Acres: 2.340
HW Code: C224350
SWIS: 2401
Town: New York City
Record Added Date: 12/08/2021
Record Updated Date: 02/01/2022
Update By: HMDUDEK
Site Description: "Location: The site is situation in an urban areas surrounded historically by mainly industrial properties. The Gowanus Canal, a USEPA National Priorities List (NPL) site, is located directly adjacent to the site and was once a vital cargo transportation hub prior to the mid-20th century. The subject property has a total footprint of approximately 102, 070 square feet (SF). Site Features: the main site feature are one (1) single-story commercial building and a bulkhead along Gowanus Canal frontage. Current Zoning and Land Use: The site is currently zoned with the M1-4/R7-2 designation, which is representative of residential zoning. The site, prior to a zoning change that went into effect in November 2021 by the NYCDCP, was previously located within a M2-1 designation. The M2-1 designation is a district characterized by a middle g60round between light and heavy industrial areas. The surrounding parcels have also been re-zoned and presently are within the M1-4/R7-2 designation as well. Past Use of the Site: Historic Sanborn Fire Insurance maps indicate that the site was used as a lumber yard as early as 1886 through the 1910s. Kopper s Seaboard Coke Co. is depicted as the occupant of the site from circa 1922 until the 1950s, during this time the site was used as a yard designed to receive coke for barges, screen and deliver to trucks for distribution to consumers. The current on-site structure was reportedly constructed in 1958 and was occupied by a motor freight stations through the 1960s through the late 1970s. Subsequently, the building was utilized by NY Telephone

318 NEVINS STREET (Continued) **S128529087**

Co., Bell Atlantic and Verizon. Site Geology and Hydrogeology: The ground surface within the site is generally flat and the elevation of the property is approximately +10 (NAVD-88) feet. During previous investigation activities, groundwater was encountered at depths ranging from 5 to 7.5 feet below ground surface (bgs). Based on United States Geological Survey (USGS) mapping, groundwate inferred to flow to the west-northwest toward the Gowanus Can which is located directly adjacent to the site. According to the Federal Emergency Management Agency (FEMA), the site is located within a Special Flood Hazard Area (SFHA), Zone AE, characterized by having a 1 percent annual chance of flooding. Historic investigation reports prepared for the site characterized subsurface soil as historic fill material consisting of fine-grained sand with varying amounts of gravel, brick and concrete. The fill material was encountered at grade to depths of 6 to 9 feet bgs throughout the majority of the site. The fill material was reportedly underlain by sand and clay. In addition, a clay layer was observed at approximately 10 feet bgs throughout the site. Bedrock was not encountered during historic investigations. "

Env Problem: "Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Philip Caporaso
Owner Company: Gowanus 300 Nevins Street LLC
Owner Address: 19 West 24th Street, 12th Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10010
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: n/a
Owner Company: Brooklyn Public Library Carroll Gardens Branch
Owner Address: 396 Clinton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Caporaso
Owner Company: Gowanus 300 Nevins Street LLC

318 NEVINS STREET (Continued) **S128529087**

Owner Address:	19 West 24th Street, 12th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10010
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	n/a
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

R186 **CLARIN TRUCK LEASING CORP** **NY UST** **U001839158**
SW **312 3RD AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.156 mi.
824 ft. **Site 6 of 6 in cluster R**

Relative: **Lower**
Actual: **13 ft.**

UST:

Name:	CLARIN TRUCK LEASING CORP
Address:	312 3RD AVE
City,State,Zip:	BROOKLYN, NY 11215
Id/Status:	2-007552 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585611.59271
UTM Y:	4503346.15069
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	61
Affiliation Type:	Facility Owner
Company Name:	CLARIN TRUCK LEASING CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	312 3RD AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 855-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Date Last Modified: 2004-03-04

Site Id: 61
Affiliation Type: Mail Contact
Company Name: CLARIN TRUCK LEASING CORP
Contact Type: Not reported
Contact Name: GEORGE M. CAMBIES
Address1: 312 3RD AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 855-1500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 61
Affiliation Type: Facility Operator
Company Name: CLARIN TRUCK LEASING CORP
Contact Type: Not reported
Contact Name: CLARIN TRUCK LEASING CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-4800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 61
Affiliation Type: Emergency Contact
Company Name: CLARIN TRUCK LEASING CORP
Contact Type: Not reported
Contact Name: GEORGE CAMBEIS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-1500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 30356

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 002
Tank ID: 30357
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 003
Tank ID: 30358
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 004
Tank ID: 30359
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 005
Tank ID: 30360
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 006
Tank ID: 30361
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping

W187 **242 NEVINS STREET** **NY BROWNFIELDS S105841715**
NNW **242 NEVINS STREET** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
826 ft. **Site 1 of 5 in cluster W**

Relative: **Lower**
Actual: **8 ft.**

BROWNFIELDS:
Name: 242 NEVINS STREET
Address: 242 NEVINS STREET
City,State,Zip: BROOKLYN, NY 11217
Program: BCP
Site Code: 568573
Acres: 1.190
HW Code: C224273
SWIS: 2401
Town: New York City
Record Added Date: 04/04/2018
Record Updated Date: 03/06/2020
Update By: DJEATON
Site Description: "Location: The site is located in an urban area along the Gowanus Canal, within the Borough of Brooklyn, on the northwest corner of Nevins Street and Degraw Street. Site Features: The site is currently improved with a two-story building, which occupies approximately 2,000 square feet of the parcel (242 Nevins Street) and a one-story building, which occupies approximately 16,000 square feet of the parcel (254 Nevins Street). The remainder of the parcel consists of parking, storage, and outdoor work areas associated with the buildings operations, to include vehicle and equipment storage and repair. Current Zoning and Land Use: The site is currently zoned for industrial and manufacturing use (M2-1 district). The buildings are occupied by an automobile repair facility, commercial hauler, automobile upholsterer, production studio, plumbing contractor and general contractors whose operations include vehicle and equipment repair. Adjoining parcels are used for industrial, parking, and open space/recreational purposes, with the surrounding area generally consisting of industrial/commercial uses. Past Uses of the Site: Past use of the site includes a coal company (approximately 1886 to 1950), automobile/vehicle repair (approximately 1938 to 1950, and 2013 to present), an unpermitted solid waste management facility (prior to 1994), a Resource Conservation and Recovery Act Large Quantity Generator (1988), and various trucking and contracting companies (approximately 1969 to present), including a petroleum transporter. Site Geology and Hydrogeology: The site is located in a developed

242 NEVINS STREET (Continued) **S105841715**

area of Brooklyn, generally covered with paved roads, walkways and buildings. The subsurface strata at the site consists of historic fill material characterized by loose silty sand with varying amounts of silt, sand, gravel, ash, asphalt, brick, clinkers, cobblestone, concrete, glass fragments, metal, and wood extending to depths of as great as 15 feet below grade surface (bgs). The historic fill material is underlain by alluvial deposits consisting of poorly sorted sands with gravel and marsh deposits, referred to as meadow mat, which consists of interbedded sands, clays and silts. Bedrock (Fordham Gneiss) was encountered at a depth of about 159 feet bgs. Groundwater was encountered between 4.54 and 5.6 feet bgs and generally flows westward toward the Gowanus Canal."

Env Problem: "US Environmental Protection Agency (EPA) has determined that the property is part of the Gowanus Canal Superfund Site that is listed on the National Priorities List. Additionally, under ECL 27-1405(2)(e), there is currently an EPA environmental enforcement action related to contamination at the property, therefore the site was denied entry to the NYS BCP."
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Marino Mazzei
Owner Company: 242 Nevins, Inc.
Owner Address: 444 Third Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Pacific Branch
Owner Address: 25 Fourth Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11217
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Marino Mazzei
Owner Company: New Venezia LLC
Owner Address: 440 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

242 NEVINS STREET (Continued) **S105841715**

Owner Name: Not reported
Owner Company: Brooklyn Community Board 6
Owner Address: 250 Baltic Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SPILLS:
Name: BROOKLYN TRUCK & EQUIPMENT
Address: 242 NEVINS STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1103765 / 2011-08-05
Facility ID: 1103765
Facility Type: ER
DER Facility ID: 405887
Site ID: 451337
DEC Region: 2
Spill Cause: Deliberate
Spill Class: C4
SWIS: 2401
Spill Date: 2011-07-06
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 2011-07-06
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2011-07-06
Spill Record Last Update: 2011-08-05
Spiller Name: ECO JENNIFER OKONUK
Spiller Company: BROOKLYN TRUCK AND EQUIPTMENT CORP
Spiller Address: 242 NEVINS STREET
Spiller Company: 999
Contact Name: ECO JENNIFER OKONUK
DEC Memo: "Ketani responded to the site. 7/6/11 - Raphael Ketani. I arrived at the site at about noon time. The site was a large yard with a gray building on the back left corner that fronts on Nevins Street. The address is 242 Nevins Street (near Degraw and Nevins), Brooklyn, 11217. Several companies had their signs on the corrugated fence. These companies were Brooklyn Truck & Equipment, Phoenix Services

242 NEVINS STREET (Continued) **S105841715**

Corp. (718) 567-2023, and Cole Partners, Inc. (718) 875-8300. I entered the yard and saw a red painted trailer (posssibly with a cement pump) on the left that had been leaking hydraulic fluid. The floor of the front half of the yard appeared to be partially paved and partially laid with paving stones. There was a steel plate in one location with holes in it. Vehicles were parked on both sides of the front half of the yard, but I did not see any leaks. Next, I went to the back half of the yard. The ground appeared to be only dirt. There were vehicles and construction machines parked along the west side and north edges of the yard. The Gowanus Canal bordered the west side of the yard and the water level was nearly even with the yard (maybe 3 feet below ground level). Most of the trucks belonged to two different garbage carting companies, M&G Carting, 303 5th Avenue, NY, 10016, (212) 689-0332, and Flash Recycling, 132 Ludlow Street, NY, 10002, (212) 673-6194 (Prince Street Station, P.O. Box 515, NY, 10012). Some of the trucks had leaked either motor oil or hydraulic oil. There was oil on the ground near one of the Flash Recycling trucks. One of the M&G Carting trucks looked like it hadn't been operational for a long time. There was a rolling container near this truck with many plastic bottles that had contained motor oil. I didn't see any leaking from the container, but this was not a proper container for liquids of any kind. After my tour of the back half of the yard, I entered the gray building. In many places, there was oil on the floor. I saw a zipper drain that looked like it may contain sludge. I entered the office of Brooklyn Truck & Equipment and met ECO Jennifer Okonuk (718) 482-4885 and the owner of the business, Bob Hepplewhite (718) 237-7976. ECO Okonuk informed me that she had called in the spill. She had been making inspections of garages when she came across Brooklyn Truck & Equipment. She said that she had issued two tickets to Mr. Hepplewhite, for noisome and unwholesome. Mr. Hepplewhite, ECO Okonuk and myself toured the garage. ECO Okonuk pointed out the area with oil saturated Speedi Dri next to a 275 gal. waste oil tank and a 275 gal. tank that Mr. Hepplewhite said contained fresh motor oil for the trucks. One of the workers at the garage dug through the Speedi Dri and showed us that there was a concrete floor below. I pointed out to Mr. Hepplewhite that there were containers of motor oil on racks in the back of the oil contaminated area. He said that these weren't his and that they were empty and had been there since before he had moved his business in. Mr. Hepplewhite added that the oil tank next to them also wasn't his and he knew nothing about it. Next, we went outside to the yard. I asked Mr. Hepplewhite about the trucks. He said that he makes extra money by leasing space for parking the trucks. I pointed out the spilled oil, the rolling container with oil bottles, and the derelict truck. I told him that he had to inform M&G Carting and Flash Recycling and get them to clean up the site and remove the oil bottles and the derelict leaking truck (ECO Okonuk claimed it was leaking). He said that he will do this. ECO Okonuk and I asked about the steel plate in the back half of the yard and the perforated steel plate in the front half of the yard, and whether he leased both halves. Mr. Hepplewhite said that he leased only the gray building and the back half of the yard. He added that the plates covered sewer tanks. He went on to say that when it rains, the entire yard floods 8 to 10 inches because the sewers back up under the street. Mr. Hepplewhite added that even the Gowanus Canal floods during the rain storms and spills into his yard. The yard and the vicinity is a low area. ECO Okonuk told me that she has seen this happen, too. He also

242 NEVINS STREET (Continued) **S105841715**

stated that the building to the south can not be sold because there is oil underground from the coal gasification that took place many years ago. Mr. Hepplewhite commented that the EPA and the NYC DEP did borings throughout the yard and elsewhere because of the underground contamination. While we were in the yard, Andrew Kelly, enforcement officer - Emergency Response Engineer with the ER Unit (718) 595-4761 of the NYC DEP arrived. We went back inside the shop and I went over what needed to be done to clean up the site. These items were: 1) clean up the saturated Speedi Dri and make sure fresh absorbent is kept at this location for any future spills that take place 2) hire an environmental company to do soil borings in the saturated area, along the sides of the zipper drains and in the back half of the yard - if contamination is found, then it will have to be cleaned up 3) call M&G and Flash and have them clean up their spills 4) clean up the floor of the garage and have someone keep on top of the spills with absorbent and power washing (Mr. Hepplewhite stated that the garage is powerwashed once a month) 5) hire a company to clean out the zipper drains (Mr. Hepplewhite said that there is a plug at the end of the last zipper and that nothing can flow to the sewers) I told Mr. Hepplewhite that the DEC will be sending a contaminated soil letter to him and to the owners of the property with a C-c to ECO Okonuk. I added that we will want a clean up report after everything is done. Mr. Hepplewhite said that he understood. There was one other spill case for the site. It was #0510846. It involved a 200 gal. oil spill to the yard and the street and the sewer on 12/16/05. Bonafide Energy was the responsible party. A valve had broken. The site was cleaned up by 4/21/06 and the case was closed. 7/8/11 - Raphael Ketani. I tried contacting M&G Carting (212) 689-0332 to let them know that they have to clean up the spilled oil around and under their trucks. However, I reached the answering machine of Frank Mormando. I left a message for him to contact me. I contacted Billy Huang, the owner of Flash Recycling (212) 673-6194. I told him that he had to clean up the spilled oil from under and around his trucks and the pool of stinking leachate. He said that he will get one of his crew to do this. I told him that the oil has to be put in an appropriate container for oil disposal and that the DEC will do an inspection next week to see whether he has complied with our request. I added that if the oil and leachate aren't cleaned up, then he could face fines and penalties. Mr. Huang said that the oil and leachate will be removed. I looked up the property ownership using ACRIS. The latest deed for block and lot 418 and 1 is held by 242 Nevins, Inc., 444 Third Avenue, Brklyn, 11215. The deed date is 7/27/05, it was prepared on 10/5/05, and filed on 1/12/06. The property manager is Marino Mazzei, Bonified Realty, 140 Portland Road, Highland, NJ, 07732, (718) 788-2222. I spoke to Mr. Mazzei and told him about the leaking red painted trailer, the leaking trucks and the spills at Brooklyn Truck & Equipment. I told him that Mr. Hepplewhite will take care of the spills in his garage and that the trucking companies have been notified about the spills from their trucks. Mr. Mazzei said that he will visit the site and see to it that everything is cleaned up. I sent a CSL to 242 Nevins, Inc. regarding the hydraulic fluid that is leaking from the red trailer and the leaking trucks. Another CSL went to Mr. Mazzei regarding the same issues. I also sent Mr. Hepplewhite (718) 237-7976 and Mr. Mazzei CSLs with the 5 items from above. Later, Mr. Mormando, the owner of M&G Carting (212) 689-0332, called me back. He said that he will clean up the spill under and around his trucks and he will have the rolling container emptied.

242 NEVINS STREET (Continued) **S105841715**

7/12/11 - Raphael Ketani. Mr. Mazzei cell (347) 231-6440 called. He said that everything that the DEC was concerned about in the garage and in the yard has been cleaned up. He invited me to check the place. I told him that I will this week. However, I added that Mr. Hepplewhite still has to hire an environmental company to do soil borings in the former oil saturated area and along the sides of the zipper drains. He said that he understood. 7/19/11 - Raphael Ketani. The CSL to 242 Nevins Inc. was returned in an unopened envelope as ATTEMPTED - NOT KNOWN. 8/5/11 - Raphael Ketani. I made an unannounced site visit. The oil spill under the red trailer had been cleaned up. The small oil spills next to and around the garbage trucks had also been cleaned up. The small rolling trash dumpsters (about 1.5 cu. yds. each) had been emptied. I met Mr. Hepplewhite. He showed me the area inside the garage that had been badly affected by spilled oil. He said that the oil was actually on sheets of plywood, not on the garage floor. This appeared to be true as most of this area of the garage floor was very clean as if there had never been oil tanks here. It was cleaner than it could have been if someone had power washed the floor. All of the tanks and buckets had been removed. However, I did see a darkened corner of this area next to the racks which used to hold containers of oil. I knelt down at this corner, but didn't sense any oil odors. I assumed the darkening to be the result of moisture as it had rained heavily earlier during the week and the corrugated walls were not sealed to the floor. There still were mud puddles in the backyard where the garbage trucks were. Next, he showed me the new location of the waste oil tank. It was now in a larger tank which served as secondary containment - should any of his workers spill oil while transfering it to the tank. The tank was in between the two back garage doors. Mr. Hepplewhite showed me the zipper drains. They were now covered by steel plates which fit flush with the garage floor. The plates had holes so that wash water can enter the drains. He lifted up one plate and I could see the concrete bottom of the drain. There were no odors and the bottom of the drain looked to be in good condition without any cracks. Lastly, he showed me the drums of sediment that had been removed from the drains. The lids were securely attached to the drums and they looked to be ready for pickup. Mr. Hepplewhite said that the person who runs the waste oil pickup company will arrange for the drums to be picked up. I looked at the floor of the shop and it was very clean, except for a small puddle under one engine. This engine had just been drained. I pointed this out to Mr. Hepplewhite and he said that the spill will be cleaned up immediately. After this, I left. As the former waste oil tank area was very clean and as the zipper drains didn't smell as if they had oil and were in good condition, I decided that soil borings weren't necessary at the site. As the spills appeared to have been remediated, I have determined that there is no threat to the public or the environment. Therefore, I am closing the spill case. DLE had issued tickets. So their case will remain active. "

Remarks: "The whole ground of the garage is saturated. Been dumping there for 6 years. No clean up as of yet."

All Materials:

Site ID: 451337
Operable Unit ID: 1201535
Operable Unit: 01
Material ID: 2198065
Material Code: 0015
Material Name: motor oil

242 NEVINS STREET (Continued) **S105841715**

Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

W188 **CROSSBAY BAY CONTRACTING** **RCRA NonGen / NLR** **1000386132**
NNW **242 NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
826 ft. **Site 2 of 5 in cluster W**

Relative: **Lower**
Actual: **8 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: CROSSBAY BAY CONTRACTING
Handler Address: 242 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD012515870
Contact Name: Not reported
Contact Address: NEVINS ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: NEVINS ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: UNKNOWN
Owner Type: Private
Operator Name: UNKNOWN
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

CROSSBAY BAY CONTRACTING (Continued) **1000386132**

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported

CROSSBAY BAY CONTRACTING (Continued) **1000386132**

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19950330
Handler Name: CROSSBAY BAY CONTRACTING
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CROSSBAY BAY CONTRACTING
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

CROSSBAY BAY CONTRACTING (Continued) **1000386132**

Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CROSSBAY BAY CONTRACTING
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19880516
Handler Name: CROSSBAY BAY CONTRACTING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

W189 **CROSS BAY CONTRACTING** **NY SWF/LF** **S128177977**
NNW **242 NEVINS ST.** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
826 ft. **Site 3 of 5 in cluster W**

Relative: SWF/LF:
Lower
Actual:
8 ft.

Name: CROSS BAY CONTRACTING
Address: 242 NEVINS ST.
City,State,Zip: BROOKLYN, NY 11217
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported

CROSS BAY CONTRACTING (Continued) **S128177977**

Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PETER MIGLIORINI; SUPERVISOR
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T87]
Active:	No
East Coordinate:	585800
North Coordinate:	4503800
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6103-00004
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

W190 **ROYAL RECYCLING CORP.** **NY SWF/LF** **S128178753**
NNW **242 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
826 ft. **Site 4 of 5 in cluster W**

Relative: SWF/LF:
Lower

Actual:
8 ft.

Name:	ROYAL RECYCLING CORP.
Address:	242 NEVINS STREET
City,State,Zip:	BROOKLYN, NY 11217
Flag:	INACTIVE
Region Code:	2
Phone Number:	7187884731
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	M. GERARDO MAZZEI
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WE4]
Active:	No
East Coordinate:	585665
North Coordinate:	4503843
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Concrete;Soil (Clean);Wood (Clean)
Authorization #:	Not reported

ROYAL RECYCLING CORP. (Continued) **S128178753**

Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

X191 **CON EDISON** **NY MANIFEST** **1016960520**
SW **318 3RD AVE FRONT OF** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.160 mi.
843 ft. **Site 1 of 3 in cluster X**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:
Name: CON EDISON
Address: 318 3RD AVE FRONT OF
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004325122
Facility Status: Not reported
Location Address 1: N/E/C 3 AVE & 2 STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004325122
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/06/2013
Trans1 Recv Date: 07/06/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/08/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004325122
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105

CON EDISON (Continued) **1016960520**

TSDF ID 2:	Not reported
Manifest Tracking Number:	002084590GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S192 **CON ED** **NY MANIFEST** **S118563785**
SSE **255 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.160 mi.
847 ft. **Site 8 of 11 in cluster S**

Relative:
Higher

Actual:
27 ft.

NY MANIFEST:

Name:	CON ED
Address:	255 4TH AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004879932
Facility Status:	Not reported
Location Address 1:	255 4TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004879932
Mailing Name:	CON ED

CON ED (Continued) **S118563785**

Mailing Contact: CON ED
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

S193 **CON EDISON** **RCRA NonGen / NLR** **1019326040**
SSE **255 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.160 mi.
847 ft. **Site 9 of 11 in cluster S**

Relative: **Higher**
Actual: **27 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20151216
Handler Name: CON EDISON
Handler Address: 255 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004879932
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No

CON EDISON (Continued) **1019326040**

Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private

CON EDISON (Continued) **1019326040**

Date Became Current: 20151216
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20151216
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160226
Handler Name: CON EDISON - MANHOLE 22633
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20151216
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20151216
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

CON EDISON (Continued) **1019326040**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S194 **CON EDISON** **NJ MANIFEST** **S120678185**
SSE **255 4TH AVE** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.160 mi.
847 ft. **Site 10 of 11 in cluster S**

Relative:
Higher

Actual:
27 ft.

NJ MANIFEST:
EPA Id: NYP004879932
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 015320441JJK
EPA ID: NYP004879932
Date Shipped: 12/16/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported

CON EDISON (Continued) **S120678185**

Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Y195 **CON EDISON** **RCRA NonGen / NLR** **1019906589**
WSW **CARROLL ST & NEVINS ST** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **FINDS**
0.161 mi.
848 ft. **Site 1 of 11 in cluster Y**

Relative: **Lower**
Actual: **10 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20150812
Handler Name: CON EDISON
Handler Address: CARROLL ST & NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004822777
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported

CON EDISON (Continued) **1019906589**

Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1019906589**

Historic Generators:
Receive Date: 20150812
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150812
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069664161

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1019906589
Registry ID: 110069664161
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069664161
Name: CON EDISON

CON EDISON (Continued) **1019906589**

Address: CARROLL ST & NEVINS ST
City,State,Zip: BROOKLYN, NY 11215

Y196 **CON EDISON** **NY MANIFEST** **S117738027**
WSW **CARROLL ST AND NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.161 mi.
848 ft. **Site 2 of 11 in cluster Y**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:
Name: CON EDISON
Address: CARROLL ST AND NEVINS ST
City,State,Zip: BROOKLYN, NY 11231
Country: USA
EPA ID: NYP004698718
Facility Status: Not reported
Location Address 1: CARROLL ST AND NEVINS ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11231
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004698718
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 11/21/2014
Trans1 Recv Date: 11/21/2014
Trans2 Recv Date: 11/26/2014
TSD Site Recv Date: 12/19/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004698718
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002417046GBF
Import Indicator: N

CON EDISON (Continued) **S117738027**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Y197 **CON EDISON** **NY MANIFEST** **S117537323**
WSW **CARROLL ST & NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.161 mi.
848 ft. **Site 3 of 11 in cluster Y**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	CARROLL ST & NEVINS ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004698700
Facility Status:	Not reported
Location Address 1:	CARROLL ST & NEVINS ST
Code:	BP
Location Address 2:	MH 2542
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004698700
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported

CON EDISON (Continued) **S117537323**

Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 11/21/2014
Trans1 Recv Date: 11/21/2014
Trans2 Recv Date: 11/26/2014
TSD Site Recv Date: 12/19/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004698700
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002417045GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Y198 **CON EDISON - TRANSFORMER MANHOLE 0105** **RCRA-LQG** **1018278697**
WSW **CARROLL ST & NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.161 mi.
848 ft. **Site 4 of 11 in cluster Y**

Relative:
Lower

Actual:
10 ft.

RCRA-LQG:
Date Form Received by Agency: 20160205
Handler Name: CON EDISON - TRANSFORMER MANHOLE 0105
Handler Address: CARROLL ST & NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004734786
Contact Name: THERESA BURKARD
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2262
Contact Fax: 646-582-2258
Contact Email: BURKARDT@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2015
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

CON EDISON - TRANSFORMER MANHOLE 0105 (Continued) **1018278697**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20161107
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150221
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private

CON EDISON - TRANSFORMER MANHOLE 0105 (Continued) **1018278697**

Date Became Current: 20150221
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - TRANSFORMER MANHOLE 0105
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150221
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150221
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON - TRANSFORMER MANHOLE 0105 (Continued) **1018278697**

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y199 **CON ED** **NY MANIFEST** **S119077205**
WSW **CARROLL ST & NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.161 mi.
848 ft. **Site 5 of 11 in cluster Y**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:
Name: CON ED
Address: CARROLL ST & NEVINS ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004822777
Facility Status: Not reported
Location Address 1: NEVINS ST AND CARROLL ST
Code: BP
Location Address 2: SB 22609
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004822777
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/12/2015
Trans1 Recv Date: 08/12/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/14/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004822777
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported

CON ED (Continued) **S119077205**

Manifest Tracking Number:	014469085JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Y200 **CON EDISON** **NJ MANIFEST** **S120675367**
WSW **CARROLL ST & NEVINS ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.161 mi.
848 ft. **Site 6 of 11 in cluster Y**

Relative: **Lower**
Actual: **10 ft.**

NJ MANIFEST:

EPA Id:	NYP004822777
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469085JJK

CON EDISON (Continued) **S120675367**

EPA ID:	NYP004822777
Date Shipped:	8/12/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Y201 **CON EDISON** **NY MANIFEST** **S117740314**
WSW **CARROLL ST & NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.161 mi.
848 ft. **Site 7 of 11 in cluster Y**

Relative: **Lower**
Actual: **10 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	CARROLL ST & NEVINS ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004734786
Facility Status:	Not reported
Location Address 1:	CARROLL ST & NEVINS ST
Code:	BP
Location Address 2:	Not reported

CON EDISON (Continued) **S117740314**

Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004734786
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/20/2015
Trans1 Recv Date: 02/20/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/24/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004734786
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014161573JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2500
Units: P - Pounds

CON EDISON (Continued) **S117740314**

Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Y202 **CON EDISON - TRANSFORMER MANHOLE 0105** **NJ MANIFEST S120667553**
WSW **CARROLL ST & NEVINS ST** **NJ MANIFEST N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.161 mi.
848 ft. **Site 8 of 11 in cluster Y**

Relative:
Lower

Actual:
10 ft.

NJ MANIFEST:
EPA Id: NYP004734786
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 014161573JJK
EPA ID: NYP004734786
Date Shipped: 2/20/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

CON EDISON - TRANSFORMER MANHOLE 0105 (Continued) **S120667553**

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

X203 **CON EDISON** **NY MANIFEST** **S117738130**
SSW **319 3 AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.162 mi.
853 ft. **Site 2 of 3 in cluster X**

Relative: **Lower**
Actual: **16 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 319 3 AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004706313
Facility Status: Not reported
Location Address 1: 319 3 AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004706313
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

CON EDISON (Continued) **S117738130**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/12/2014
Trans1 Recv Date:	12/12/2014
Trans2 Recv Date:	12/16/2014
TSD Site Recv Date:	12/16/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004706313
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002618657GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	3000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T204 **NYSDOT UNION ST BRIDGE** **RCRA NonGen / NLR** **1000555037**
WNW **UNION ST BRG - GOWANUS CANAL** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.162 mi.
854 ft. **Site 2 of 2 in cluster T**

Relative: **Lower**

Actual: **5 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: NYSDOT UNION ST BRIDGE
Handler Address: UNION ST BRG - GOWANUS CANAL
Handler City,State,Zip: BROOKLYN, NY 11201
EPA ID: NYD986975324
Contact Name: MUHAMMAD AFZAL
Contact Address: RECTOR ST
Contact City,State,Zip: NEW YORK, NY 10006
Contact Telephone: 212-414-7172
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: RECTOR ST
Mailing City,State,Zip: NEW YORK, NY 10006
Owner Name: NYSDOT
Owner Type: State
Operator Name: NYSDOT
Operator Type: State
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

NYSDOT UNION ST BRIDGE (Continued) **1000555037**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported

NYSDOT UNION ST BRIDGE (Continued) **1000555037**

Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYSDOT UNION ST BRIDGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYSDOT UNION ST BRIDGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19911101
Handler Name: NYSDOT UNION ST BRIDGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

NYSDOT UNION ST BRIDGE (Continued) **1000555037**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

W205 **DOUGLAS & DEGRAW** **NY CBS** **S102639135**
NNW **NEVINS ST, DOUGLAS ST., 3 AVE** **NY CBS AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.163 mi.
862 ft. **Site 5 of 5 in cluster W**

Relative:
Lower

Actual:
7 ft.

CBS:
Name: DOUGLAS & DEGRAW
Address: NEVINS ST, DOUGLAS ST., 3 AVE
City,State,Zip: BROOKLYN, NY 11215
CBS Number: 2-000136
Program Type: CBS
Facility Status: Inactive
Expiration Date: Not reported
Dec Region: 2
UTMX: 585697.25819
UTMY: 4503775.80613

CBS AST:
CBS Number: 2-000136
ICS Number: 2-700512
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: IN SERVICE
Facility Type: F
Telephone: (718) 625-3268
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 12/08/1999
Total Capacity of All Active Tanks(gal): 500
Operator: MIKE LETT
Emergency Contact: BROOKLYN PARKS H.Q.
Emergency Phone: (718) 965-8955
Owner Name: N.Y.C. DEPT. OF PARKS & RECREATION
Owner Address: 95 PROSPECT PARK W.
Owner City,St,Zip: BROOKLYN, NY 11215
Owner Telephone: (718) 965-8900
Owner Type: Local Government
Owner Sub Type: Not reported
Mail Name: N.Y.C. DEPT. PARKS & RECREATION
Mail Contact Addr: 95 PROSPECT PARK W.
Mail Contact Addr2: Not reported

DOUGLAS & DEGRAW (Continued) **S102639135**

Mail Contact Contact: BROOKLYN PARKS H.Q.
Mail Contact City,St,Zip: BROOKLYN, NY 11215
Mail Phone: (718) 965-8900

Tank Id: 001
CAS Number: 7782505
Federal ID: Not reported
Tank Status: In Service
Install Date: 06/85
Tank Closed: Not reported
Capacity (Gal): 500
Chemical: Chlorine
Tank Location: Indoors, Belowground
Tank Type: Fiberglass reinforced plastic [FRP]
Total Tanks: 1
Tank Secret: False
Tank Secondary Containment: Double-Walled Tank
Tank Error Status: No Missing Data
Date Entered: 07/19/1989
Certified Date: 08/13/1997
Substance: Single Hazardous Substance on DEC List
Internal Protection: Other
External Protection: None,Other
Pipe Location: Underground
Pipe Type: Double Walled Fiberglass
Pipe Internal: Other
Pipe External: 09
Pipe Flag: 09
Leak Detection: 03
Overfill Protection: 15
Haz Percent: 15
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101
Lat/Long: Not reported
Is Updated: False
Renew Date: 09/29/93
Is It There: False
Delinquent: False
Date Expired: 12/08/91
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/06/2001

S206 **2 FAMILY HOUSE** **NY AST** **U003128902**
SSE **557 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.163 mi.
862 ft. **Site 11 of 11 in cluster S**

Relative: AST:
Higher
Name: 2 FAMILY HOUSE
Actual: Address: 557 CARROLL ST
28 ft. City,State,Zip: BROOKLYN, NY 11215
Region: STATE
DEC Region: 2

2 FAMILY HOUSE (Continued) **U003128902**

Site Status: Unregulated/Closed
Facility Id: 2-201928
Program Type: PBS
UTM X: 585935.10324
UTM Y: 4503285.77438
Expiration Date: N/A
Site Type: Private Residence

Affiliation Records:

Site Id: 6886
Affiliation Type: Facility Owner
Company Name: LOISE CORSOVER & JOHN P ALESSI
Contact Type: Not reported
Contact Name: Not reported
Address1: 557 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 857-3655
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 6886
Affiliation Type: Mail Contact
Company Name: LOISE CORSOVER & JOHN P ALESSI
Contact Type: Not reported
Contact Name: Not reported
Address1: 557 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 857-3655
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 6886
Affiliation Type: Facility Operator
Company Name: 2 FAMILY HOUSE
Contact Type: Not reported
Contact Name: LOISE CORSOVER & JOHN P ALESSI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 857-3655
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

2 FAMILY HOUSE (Continued) **U003128902**

Date Last Modified: 2004-03-04

Site Id: 6886
Affiliation Type: Emergency Contact
Company Name: LOISE CORSOVER & JOHN P ALESSI
Contact Type: Not reported
Contact Name: LOISE CORSOVER & JOHN P ALESSI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 857-3655
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 11503
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1955
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1992
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Z207 **SHERWIN-WILLIAMS #5270** **RCRA NonGen / NLR** **1014926885**
NNE **313 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.165 mi.
870 ft. **Site 1 of 5 in cluster Z**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20201020
Handler Name:	SHERWIN-WILLIAMS #5270
Handler Address:	313 BUTLER ST
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYR000186734
Contact Name:	CAROL F DOE
Contact Address:	W PROSPECT AVE
Contact City,State,Zip:	CLEVELAND, OH 44115
Contact Telephone:	216-566-1710
Contact Fax:	216-586-1885
Contact Email:	CAROL.F.DOE@SHERWIN.COM
Contact Title:	EHS SPECIALIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	W PROSPECT AVE
Mailing City,State,Zip:	CLEVELAND, OH 44115
Owner Name:	FRANK CRIVELLO
Owner Type:	Private
Operator Name:	THE SHERWIN-WILLIAMS CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SHERWIN-WILLIAMS #5270 (Continued) **1014926885**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20201020
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: THE SHERWIN-WILLIAMS CO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: 101 W PROSPECT AVE, 1000 MIDLAND
Owner/Operator City,State,Zip: CLEVELAND, OH 44115
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SHERWIN-WILLIAMS CO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: 101 W PROSPECT AVE, 1000 MIDLAND
Owner/Operator City,State,Zip: CLEVELAND, OH 44115

SHERWIN-WILLIAMS #5270 (Continued) **1014926885**

Owner/Operator Telephone: 216-566-1710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NOEMAIL@NOEMAIL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: FRANK CRIVELLO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: 26 W 17 ST
Owner/Operator City,State,Zip: NEW YORK, NY 10011
Owner/Operator Telephone: 212-904-0405
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: FCRIVELLO@STORAGEDELUXE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: FRANK CRIVELLO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: 26 W 17 ST
Owner/Operator City,State,Zip: NEW YORK, NY 10011
Owner/Operator Telephone: 212-904-0405
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: FCRIVELLO@STORAGEDELUXE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: RICHARD RIBELLINO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 150038
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-858-5555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SHERWIN-WILLIAMS CO
Legal Status: Private
Date Became Current: 19981208
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201020
Handler Name: SHERWIN-WILLIAMS #5270
Federal Waste Generator Description: Not a generator, verified

SHERWIN-WILLIAMS #5270 (Continued) **1014926885**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20111116
Handler Name: SHERWIN-WILLIAMS #5270
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180611
Handler Name: SHERWIN-WILLIAMS #5270
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44412
NAICS Description: PAINT AND WALLPAPER RETAILERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Z208 **SHERWIN-WILLIAMS #5270** **NY MANIFEST** **S121446931**
NNE **313 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.165 mi.
870 ft. **Site 2 of 5 in cluster Z**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

Name:	SHERWIN-WILLIAMS #5270
Address:	313 BUTLER ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYR000186734
Facility Status:	Not reported
Location Address 1:	313 BUTLER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000186734
Mailing Name:	SHERWIN-WILLIAMS #5270
Mailing Contact:	SHERWIN-WILLIAMS #5270
Mailing Address 1:	4606 3RD AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11220
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182228277

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	PAD982661381
Trans2 State ID:	Not reported
Generator Ship Date:	11/08/2017
Trans1 Recv Date:	11/08/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/10/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186734
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID040098352
TSDF ID 2:	Not reported
Manifest Tracking Number:	001698479PSC
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

SHERWIN-WILLIAMS #5270 (Continued) **S121446931**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2200
Units: P - Pounds
Number of Containers: 2
Container Type: CW - Wooden boxes
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: Not reported
Waste Code 1_2: D001
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Z209 **SUDANCO GAS STATION, INC.** **NY UST** **U003065840**
NNE **169 THIRD AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.167 mi.
883 ft. **Site 3 of 5 in cluster Z**

Relative: **Higher**
Actual: **21 ft.**

UST:
Name: SUDANCO GAS STATION, INC.
Address: 169 THIRD AVENUE
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-402842 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 10/15/2022
UTM X: 585889.53809
UTM Y: 4503828.98941
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 19312
Affiliation Type: Facility Operator
Company Name: SUDANCO GAS STATION, INC.
Contact Type: Not reported
Contact Name: RICHARD HEGLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 296-2470

SUDANCO GAS STATION, INC. (Continued) **U003065840**

EMail: Not reported
Fax Number: Not reported
Modified By: TLYE
Date Last Modified: 2017-11-21

Site Id: 19312
Affiliation Type: Facility Owner
Company Name: ASTI HOLDING CORP.
Contact Type: PRESIDENT
Contact Name: JOSEPH MACCHIA
Address1: 556 CENTRAL AVENUE
Address2: Not reported
City: BETHPAGE
State: NY
Zip Code: 11714
Country Code: 001
Phone: (516) 933-0700
EMail: JOSEPH@THEMACCHIAGROUP.NET
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-16

Site Id: 19312
Affiliation Type: Mail Contact
Company Name: ASTI HOLDING CORP.
Contact Type: PRESIDENT
Contact Name: JOSEPH MACCHIA
Address1: 556 CENTRAL AVENUE
Address2: Not reported
City: BETHPAGE
State: NY
Zip Code: 11714
Country Code: 001
Phone: (516) 933-0700
EMail: JOSEPH@THEMACCHIAGROUP.NET
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-16

Site Id: 19312
Affiliation Type: Emergency Contact
Company Name: ASTI HOLDING CORP.
Contact Type: Not reported
Contact Name: RICHARD HELLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 659-5878
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-16

SUDANCO GAS STATION, INC. (Continued) **U003065840**

Tank Info:

Tank Number: 001
Tank ID: 22890
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 34
Date Test: 07/21/2021
Next Test Date: Not reported
Pipe Model: E
Modified By: LABATIST
Last Modified: 08/18/2021

Equipment Records:

J02 - Dispenser - Suction Dispenser
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
F09 - Pipe External Protection - Urethane
D11 - Pipe Type - Flexible Piping
I03 - Overfill - Automatic Shut-Off
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
E04 - Piping Secondary Containment - Double walled UG
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 002
Tank ID: 22891
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 34
Date Test: 06/24/2021
Next Test Date: Not reported
Pipe Model: E
Modified By: KXLIU

SUDANCO GAS STATION, INC. (Continued) **U003065840**

Last Modified: 07/30/2021

Equipment Records:

G00 - Tank Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
F09 - Pipe External Protection - Urethane
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
E04 - Piping Secondary Containment - Double walled UG
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
D11 - Pipe Type - Flexible Piping

Tank Number: 003
Tank ID: 22892
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 03/01/1974
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Z210 **DICENT SERVICE STATION** **FINDS** **1001482984**
NNE **169 3RD AVE** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ICIS**
0.167 mi. **ECHO**
883 ft. **Site 4 of 5 in cluster Z**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: DICENT SERVICE STATION
Handler Address: 169 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYU005001177
Contact Name: Not reported
Contact Address: DUPONT ST
Contact City,State,Zip: PLAINFIELD, NY 11803
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: DUPONT ST
Mailing City,State,Zip: PLAINFIELD, NY 11803
Owner Name: NON REGULATED
Owner Type: Private
Operator Name: NON REGULATED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

DICENT SERVICE STATION (Continued) **1001482984**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 516-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 516-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

DICENT SERVICE STATION (Continued) **1001482984**

Owner/Operator Indicator: Operator
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 516-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990304
Handler Name: DICENT SERVICE STATION
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: DICENT SERVICE STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: DICENT SERVICE STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

DICENT SERVICE STATION (Continued) **1001482984**

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990223
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MML
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ICIS:
Enforcement Action ID: 02-2000-0017

DICENT SERVICE STATION (Continued) **1001482984**

FRS ID: 110009488330
Action Name: Asti Holding Corp. et al.
Facility Name: DICENT SERVICE STATION
Facility Address: 169 3RD AVE
BROOKLYN, NY 11215
Enforcement Action Type: Civil Judicial Action
Facility County: KINGS
Program System Acronym: RCRAINFO
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.68086
Longitude in Decimal Degrees: -73.98373
Permit Type Desc: Not reported
Program System Acronym: NYU005001177
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: DICENT SERVICE STATION
Address: 169 3RD AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: DICENT SERVICE STATION
Address: 169 3RD AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110009488330

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1001482984
Registry ID: 110009488330
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009488330
Name: DICENT SERVICE STATION
Address: 169 3RD AVE
City,State,Zip: BROOKLYN, NY 11215

X211 **CONSOLIDATED EDISON** **NY MANIFEST** **S119073028**
SW **3RD AVE & 1ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.170 mi.
895 ft. **Site 3 of 3 in cluster X**

Relative:
Lower

Actual:
14 ft.

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 3RD AVE & 1ST STREET
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004155701
Facility Status: Not reported
Location Address 1: 3rd AVE & 1st STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004155701
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/10/2008
Trans1 Recv Date: 01/10/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/11/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004155701
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 001437071FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

CONSOLIDATED EDISON (Continued) **S119073028**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 300
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: B007
Waste Code 1_2: D006
Waste Code 1_3: D007
Waste Code 1_4: D008
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

U212 **NYCDEP** **NY MANIFEST** **1009235755**
ENE **4TH AVE & 2ND ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.171 mi.
901 ft. **Site 2 of 4 in cluster U**

Relative: **Higher**
Actual: **27 ft.**

NY MANIFEST:
Name: NYCDEP
Address: 4TH AVE & 2ND ST
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP003662400
Facility Status: Not reported
Location Address 1: 4TH AVE & 2ND ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003662400
Mailing Name: NYCDEP
Mailing Contact: N/S
Mailing Address 1: 96-05 HORACE HARDING EXPWY
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported

NYCDEP (Continued) **1009235755**

Mailing Country: USA
Mailing Phone: 7185954784

AA213 **CON EDISON SERVICE BOX: 17869** **FINDS** **1017779286**
SSE **9 GARFIELD ST** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.172 mi.
908 ft. **Site 1 of 17 in cluster AA**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20140723
Handler Name: CON EDISON SERVICE BOX: 17869
Handler Address: 9 GARFIELD ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004572756
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported

CON EDISON SERVICE BOX: 17869 (Continued) **1017779286**

Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150211
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20140623
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140623
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

CON EDISON SERVICE BOX: 17869 (Continued) **1017779286**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140723
Handler Name: CON EDISON SERVICE BOX: 17869
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110063836014

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AA214 **CON EDISON** **NY MANIFEST** **S117064771**
SSE **9 GARFIELD ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.172 mi.
908 ft. **Site 2 of 17 in cluster AA**

Relative: **Higher**

Actual: **27 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 9 GARFIELD ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004572756
Facility Status: Not reported
Location Address 1: FO 9 GARFIELD PL

CON EDISON (Continued) **S117064771**

Code: BP
Location Address 2: SB 17869
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004572756
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/23/2014
Trans1 Recv Date: 06/23/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004572756
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002502781GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CON EDISON (Continued) **S117064771**

Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AA215 **566 CARROLL STREET** **NY VCP** **S118943359**
SSE **566 CARROLL STREET** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.173 mi.
912 ft. **Site 3 of 17 in cluster AA**

Relative: **Higher**
Actual: **28 ft.**

VCP NYC:

Project ID:	13TMP0454K,13EHAZ454K,14CVCP224K
Name:	566 CARROLL STREET
Address:	566 CARROLL STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3009610007
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.675872
Longitude:	-73.983211
Postcode:	6
Community Board:	39
Council District:	133
Census Tract:	3426950
BIN:	3009610007
NTA:	Park Slope-Gowanus

AB216 **CON EDISON** **RCRA NonGen / NLR** **1019902363**
SSW **221 1ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.173 mi.
913 ft. **Site 1 of 17 in cluster AB**

Relative: **Higher**
Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20150422
Handler Name:	CON EDISON
Handler Address:	221 1ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004772869
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported

CON EDISON (Continued) **1019902363**

Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported

CON EDISON (Continued) **1019902363**

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150422
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AB217 **CON EDISON** **NY MANIFEST** **S119074730**
SSW **221 1ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.173 mi.
913 ft. **Site 2 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	221 1ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004772869
Facility Status:	Not reported
Location Address 1:	222 FIRST ST B/T 3RD & 4TH AVE
Code:	BP
Location Address 2:	CUSTOMER BOX 1584
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004772869
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	04/22/2015
Trans1 Recv Date:	04/22/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/27/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004772869
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD053452637
TSDF ID 2:	Not reported
Manifest Tracking Number:	007748418FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119074730**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 400
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: B002
Waste Code 1_2: Not reported
Waste Code 1_3: D009
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AB218 **CON EDISON** **RCRA NonGen / NLR** **1019325559**
SSW **221 1ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.173 mi.
913 ft. **Site 3 of 17 in cluster AB**

Relative: RCRA NonGen / NLR:
Higher
Date Form Received by Agency: 20150912
Actual: Handler Name: CON EDISON
19 ft. Handler Address: 221 1ST ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004837696
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported

CON EDISON (Continued) **1019325559**

Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160909
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1019325559**

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: 20150912
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: 20150912
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - OTHER - SPECIFY PIT SAND FI
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150912
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CON EDISON (Continued) **1019325559**

Receive Date: 20150912
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AB219 **CON EDISON** **NY MANIFEST** **S104509159**
SSW **221 1ST ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.173 mi.
913 ft. **Site 4 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

SPILLS:
Name: 3RD AVE YARD
Address: 221 1ST ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9911979 / 2000-02-23
Facility ID: 9911979
Facility Type: ER
DER Facility ID: 149120
Site ID: 177460
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 2401
Spill Date: 2000-01-17
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2000-01-17
CID: 382
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

CON EDISON (Continued) **S104509159**

Remediation Phase: 0
Date Entered In Computer: 2000-01-17
Spill Record Last Update: 2000-05-22
Spiller Name: CALLER
Spiller Company: CON ED
Spiller Address: 4 IRVING PL
Spiller Company: 001
Contact Name: FRANK MASSERA
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL CON ED E2 MIS REPORT After starting truck 22395 - found that a hose broke spilling approx. 2qts Antifreeze onto asphalt, contained, no sewers or waterways affected. No outside impact, began cleanup right away with diapers and absorbants. Transportation to be notified and will prevent any further spill by wrappin ghose. "
Remarks: "hose broke on con ed vehicle and spilled 2 qts of material onto concrete. clean up in progress. con ed 129-630"

All Materials:
Site ID: 177460
Operable Unit ID: 1086510
Operable Unit: 01
Material ID: 293869
Material Code: 0043A
Material Name: antifreeze
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

NY MANIFEST:
Name: CON EDISON
Address: 221 1ST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004837696
Facility Status: Not reported
Location Address 1: 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004837696
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported

CON EDISON (Continued) **S104509159**

Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD000002713
Trans2 State ID: Not reported
Generator Ship Date: 09/12/2015
Trans1 Recv Date: 09/12/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/19/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004837696
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014086273JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: Y
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 5000
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D007
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AC220 **CON EDISON - NEVINS STREET SUBSTATION** **RCRA-LQG** **1011490456**
North **265 BUTLER ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **NY MANIFEST**
0.173 mi.
916 ft. **Site 1 of 8 in cluster AC**

Relative: **Lower**

Actual: **16 ft.**

RCRA-LQG:

Date Form Received by Agency:	20080429
Handler Name:	CON EDISON - NEVINS STREET SUBSTATION
Handler Address:	265 BUTLER ST
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYR000157172
Contact Name:	THOMAS TEELING
Contact Address:	IRVING PLACE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	TEELINGT@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CON EDISON
Legal Status: Private
Date Became Current: 20070901
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Owner/Operator Name: CON EDISON
Legal Status: Private
Date Became Current: 20070901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080429
Handler Name: CON EDISON - NEVINS STREET SUBSTATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080430
Handler Name: CON EDISON - NEVINS STREET SUBSTATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221121
NAICS Description: ELECTRIC BULK POWER TRANSMISSION AND CONTROL

NAICS Code: 23713
NAICS Description: POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20090617
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSAN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:
Name: CON EDISON - NEVINS STREET SUBSTATION
Address: 265 BUTLER ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYR000157172
Facility Status: Not reported
Location Address 1: NEVINE ST S/S: 265 BUTLER ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000157172
Mailing Name: CON EDISON - NEVINS STREET SUBSTATION
Mailing Contact: BRIAN BELLOWS
Mailing Address 1: 1610 MATTHEWS AE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10462
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9179396397

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 12/16/2008
Trans1 Recv Date: 12/16/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/17/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000157172
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: PAD085690592
TSDF ID 2: Not reported
Manifest Tracking Number: 005194018JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Specific Gravity: 1
Waste Code: D022
Waste Code 1_2: U044
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

NJ MANIFEST:
EPA Id: NYR000157172
Mail Address: IRVING PLACE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 005194061JJK
EPA ID: NYR000157172
Date Shipped: 12/16/2008
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/16/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/16/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 100 P

AD221 **TANKS TO U** **FINDS** **1006810620**
North **233 NEVINS ST** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **ECHO**
0.175 mi.
922 ft. **Site 1 of 10 in cluster AD**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: TANKS TO U
Handler Address: 233 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYR000114371
Contact Name: ANTHONY J LARA
Contact Address: NEVINS ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: 712-624-7490
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: NEVINS ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: PETROLEUM TANK CLEANERS
Owner Type: Private
Operator Name: ANTHONY LARA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

TANKS TO U (Continued) **1006810620**

Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

TANKS TO U (Continued) **1006810620**

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ANTHONY LARA
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: 233 NEVINS ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11217
Owner/Operator Telephone: 712-624-7490
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANTHONY LARA
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: 233 NEVINS ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11217
Owner/Operator Telephone: 712-624-7490
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETROLEUM TANK CLEANERS
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY
Owner/Operator Telephone: 712-624-7490
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETROLEUM TANK CLEANERS
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY
Owner/Operator Telephone: 712-624-7490
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: TANKS TO U
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

TANKS TO U (Continued) **1006810620**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: TANKS TO U
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030325
Handler Name: TANKS TO U
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562998
NAICS Description: ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110014449409

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TANKS TO U (Continued) **1006810620**

ECHO:
- Envid: 1006810620
- Registry ID: 110014449409
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014449409
- Name: TANKS TO U
- Address: 233 NEVINS ST
- City,State,Zip: BROOKLYN, NY 11217

AD222 **233 NEVINS STREET PHASE II** **NY VCP** **S125316935**
North **233 NEVINS STREET** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.175 mi.
922 ft. **Site 2 of 10 in cluster AD**

Relative: **Lower**
Actual: **12 ft.**

VCP NYC:
- Project ID: 19TMP1548K,19CVCP066K
- Name: 233 NEVINS STREET PHASE II
- Address: 233 NEVINS STREET
- City,State,Zip: NEW YORK CITY, NY
- Borough: Brooklyn
- BBL: 3004120006
- OER Program: VCP (Enrolled)
- Phase: Closure
- Latitude: 40.681345
- Longitude: -73.985863
- Postcode: 6
- Community Board: 33
- Council District: 127
- Census Tract: 3006603
- BIN: 3004120006
- NTA: DUMBO-Vinegar Hill-Downtown Brooklyn-Boerum Hill

AE223 **CON EDISON** **NY MANIFEST** **S117314471**
South **292 4TH AV** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.177 mi.
937 ft. **Site 1 of 3 in cluster AE**

Relative: **Higher**
Actual: **24 ft.**

NY MANIFEST:
- Name: CON EDISON
- Address: 292 4TH AV
- City,State,Zip: BROOKLYN, NY 11201
- Country: USA
- EPA ID: NYP004615274
- Facility Status: Not reported
- Location Address 1: 292 4TH AV
- Code: BP
- Location Address 2: SB4504
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11201
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004615274

CON EDISON (Continued) **S117314471**

Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/01/2014
Trans1 Recv Date: 08/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004615274
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254945JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported

CON EDISON (Continued) **S117314471**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AE224 **CON EDISON** **NY MANIFEST** **S117318093**
South **292 4TH AV** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.177 mi.
937 ft. **Site 2 of 3 in cluster AE**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:
Name: CON EDISON
Address: 292 4TH AV
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004655908
Facility Status: Not reported
Location Address 1: 292 4TH AV
Code: BP
Location Address 2: SB45404
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004655908
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/12/2014
Trans1 Recv Date: 09/12/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/16/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004655908
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002617216GBF

CON EDISON (Continued) **S117318093**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AA225 **LOT 67,TAXBLOCK 961** **NY MANIFEST** **S108075326**
SSE **15 GARFIELD PLACE** **NY E DESIGNATION** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.178 mi.
942 ft. **Site 4 of 17 in cluster AA**

Relative:
Higher

Actual:
28 ft.

E DESIGNATION:

Name:	LOT 67,TAXBLOCK 961
Address:	15 GARFIELD PLACE
City,State,Zip:	BROOKLYN, NY 11215
Tax Lot(s):	67
Tax Block:	961
Borough Code:	BK
E-No:	E-113
Effective Date:	4/30/2003
Satisfaction Date:	Not reported
Ceqr Number:	03DCP030K
Ulurp Number:	030194(A)ZMK
Zoning Map No:	16b,16c
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 17865
Address:	15 GARFIELD PLACE

LOT 67,TAXBLOCK 961 (Continued) **S108075326**

City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004980361
Facility Status: Not reported
Location Address 1: 15 GARFIELD PLACE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004980361
Mailing Name: CON EDISON - SERVICE BOX 17865
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

AB226 **TM439** **RCRA NonGen / NLR** **1007207059**
SSW **222 1ST STREET** **NY MANIFEST** **N/A**
1/8-1/4 **NEW YORK CITY, NY 11215**
0.180 mi.
952 ft. **Site 5 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20010103
Handler Name: TM439
Handler Address: 222 1ST STREET
Handler City,State,Zip: NEW YORK CITY, NY 11215
EPA ID: NYP004036729
Contact Name: ANTHONY DRUMMINGS
Contact Address: CONSOLIDATED EDISON INC.
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: CONSOLIDATED EDISON INC.
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported

TM439 (Continued) **1007207059**

Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No

TM439 (Continued) **1007207059**

Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20010102
Handler Name: TM439
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010103
Handler Name: TM439
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: TM439
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

TM439 (Continued) **1007207059**

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 222 1ST STREET
City,State,Zip: NEW YORK CITY, NY 11215
Country: USA
EPA ID: NYP004036729
Facility Status: Not reported
Location Address 1: TM439-ST MACKS & FLATBUSH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004036729
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

AB227 **CON EDISON - 3RD AVE** **RCRA-LQG** **1000111635**
SSW **222 1ST ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 6 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

RCRA-LQG:
Date Form Received by Agency: 20180410
Handler Name: CON EDISON - 3RD AVE
Handler Address: 222 1ST ST
Handler City,State,Zip: BROOKLYN, NY 11215-1892
EPA ID: NYD000706218
Contact Name: ALYSSA SOTTO
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: 315-454-4467
Contact Email: SOTTOA@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2017
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2

CON EDISON - 3RD AVE (Continued) **1000111635**

Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20181106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No

CON EDISON - 3RD AVE (Continued) **1000111635**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U151
Waste Description: MERCURY

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE, 15TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE, 15TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 19450731
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 19450731
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 19450731
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE

CON EDISON - 3RD AVE (Continued) **1000111635**

Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 19450731
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20060101
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 19450731
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100323
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120306
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

CON EDISON - 3RD AVE (Continued) **1000111635**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140327
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160205
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180410
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060220
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CON EDISON - 3RD AVE

CON EDISON - 3RD AVE (Continued) **1000111635**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: CON EDISON - THIRD AVENUE SERVICE YARD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920228
Handler Name: CON ED - 3RD AVENUE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940331
Handler Name: CON EDISON-THIRD AVENUE SERVICE CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960329
Handler Name: CON EDISON -
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

CON EDISON - 3RD AVE (Continued) **1000111635**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980226
Handler Name: CON ED - THIRD AVENUE SERVICE CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020531
Handler Name: CON EDISION - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040225
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Receive Date: 20060221
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080221
Handler Name: CON EDISON - 3RD AVE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20170615
Actual Return to Compliance Date: 20170807
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170711
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20031024
Actual Return to Compliance Date: 20031204
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20031120
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSAN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 20090223
Actual Return to Compliance Date: 20090430
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20090311
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20090430
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSAN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 20170615
Actual Return to Compliance Date: 20170807
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170711
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20170615
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSC
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20170807
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20031024
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSAN

CON EDISON - 3RD AVE (Continued) **1000111635**

Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20031204
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090223
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSAN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20090430
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110401
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2STP
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20121114
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: R2JDW
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170615
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSC
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20170807
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Request Agency: Not reported
Former Citation: Not reported

NJ MANIFEST:
EPA Id: NYD000706218
Mail Address: 222 FIRST ST
Mail City/State/Zip: BROOKLYN 11215
Facility Phone: 7188025672
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: NJA5316846
EPA ID: NYD000706218
Date Shipped: 06/07/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/07/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 06/07/2006
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08020621
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 000182029GBF
EPA ID: NYD000706218
Date Shipped: 06/11/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/11/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 06/11/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: I00 - Overfill - None
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H11
Quantity: 42120 P

Manifest Number: NJA5121770
EPA ID: NYD000706218
Date Shipped: 01/07/2004

CON EDISON - 3RD AVE (Continued) **1000111635**

TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/07/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 01/07/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03160425
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: NJA5205855
EPA ID: NYD000706218
Date Shipped: 12/02/2004
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/02/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/02/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 01040521
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 000266847GBF
EPA ID: NYD000706218
Date Shipped: 10/04/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/04/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 10/04/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 000411117GBF
EPA ID: NYD000706218
Date Shipped: 04/16/2008
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/16/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/16/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 38820 P

Manifest Number: 000416551GBF
EPA ID: NYD000706218
Date Shipped: 07/23/2008
TSDF EPA ID: NJD991291105

CON EDISON - 3RD AVE (Continued) **1000111635**

Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/23/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/23/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 45240 P

Manifest Number: 000411120GBF
EPA ID: NYD000706218
Date Shipped: 04/28/2008
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Trans1 Transported Waste: 04/28/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 05/20/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 36700 P

Manifest Number: 000180268GBF
EPA ID: NYD000706218
Date Shipped: 02/07/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/07/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date TSDF Received Waste: 02/07/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H14
Quantity: 49200 P

Manifest Number: 000180269GBF
EPA ID: NYD000706218
Date Shipped: 02/07/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/07/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/07/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H14
Quantity: 30480 P

Manifest Number: NJA5316946
EPA ID: NYD000706218
Date Shipped: 07/10/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/10/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/10/2006
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08220625
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 000416914GBF
EPA ID: NYD000706218
Date Shipped: 8/29/2015

CON EDISON - 3RD AVE (Continued) **1000111635**

TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: NJA5239134
EPA ID: NYD000706218
Date Shipped: 07/06/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/06/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/06/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08030521
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: NJA5271973
EPA ID: NYD000706218
Date Shipped: 10/21/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/21/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 10/21/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 01100621
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 002661259GBF
EPA ID: NYD000706218
Date Shipped: 5/23/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: 000182036GBF
EPA ID: NYD000706218
Date Shipped: 07/12/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/12/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/12/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H11
Quantity: 51240 P

Manifest Number: 000262944GBF
EPA ID: NYD000706218
Date Shipped: 08/02/2007
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/02/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/02/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H14
Quantity: 54140 P

Manifest Number: NJA5206110
EPA ID: NYD000706218
Date Shipped: 02/16/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/16/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/16/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04180521
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: NJA5239002
EPA ID: NYD000706218
Date Shipped: 05/23/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/23/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 05/23/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 06270521
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

Manifest Number: NJA5239141
EPA ID: NYD000706218
Date Shipped: 07/27/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047

CON EDISON - 3RD AVE (Continued) **1000111635**

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/27/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/27/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08300522
Was Load Rejected: BROOKLYN 11215
Reason Load Was Rejected: Not reported

AB228 **CON EDISON** **NY MANIFEST** **S117537870**
SSW **222 1ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 7 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:
Name: CON EDISON
Address: 222 1ST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004704771
Facility Status: Not reported
Location Address 1: 222 1ST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

CON EDISON (Continued) **S117537870**

NY MANIFEST:
EPAID: NYP004704771
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/10/2014
Trans1 Recv Date: 12/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/10/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004704771
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012773783JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 15000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008

CON EDISON (Continued) **S117537870**

Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AB229 **CON EDISON** **NY MANIFEST** **S117058154**
SSW **222 FIRST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 8 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	222 FIRST ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004704946
Facility Status:	Not reported
Location Address 1:	222 FIRST ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004704946
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	12/10/2014
Trans1 Recv Date:	12/10/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/10/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004704946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S117058154**

TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001084459GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AB230 **THIRD AVENUE YARD** **NY BROWNFIELDS** **S120706183**
SSW **222 FIRST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 9 of 17 in cluster AB**

Relative: **Higher**

Actual: **19 ft.**

BROWNFIELDS:

Name:	THIRD AVENUE YARD
Address:	222 FIRST STREET
City,State,Zip:	BROOKLYN, NY 11215
Program:	BCP
Site Code:	533255
Acres:	6.770
HW Code:	C224245
SWIS:	2401
Town:	New York City
Record Added Date:	10/05/2016
Record Updated Date:	03/25/2021
Update By:	HMDUDEK
Site Description:	"Location: The BCP site is the Con Edison Third Avenue Yard Service Center located in an urban area in Brooklyn, NY. The Property occupies a city block (approximately 6.77 acres) and is bounded to the north by 1st Street, to the south by 3rd Street, to the west by 3rd Avenue, and to the east by 4th Avenue. Current Site Features: The

THIRD AVENUE YARD (Continued) **S120706183**

Property is entirely covered by contiguous impervious surfaces consisting of buildings, asphalt pavement and concrete. The property is fenced in with secure access points located on 3rd and 1st Streets. Seven functional areas are present at the Property: Stores Building; Operations and Transportation Buildings; Pole/Cable Reel Storage Area; Flush Truck Facility (used to receive and treat flush truck wastes); South Undergound Storage Tanks (UST) Area (contains two 2,500 gallon USTs containing gasoline and diesel fuel); Former North UST Area (previously contained gasoline and diesel USTs) and paved parking lots. Current Zoning and Land Use: The Property is zoned M1 2 (commercial/industrial). Con Edison currently uses the Property as a utility service center. Operations include indoor storage, pole/cable reel storage, operation of fleet fuel dispensing, auto repair garage, parking of fleet and staff vehicles, administrative offices, and flush truck area. The surrounding area is mostly commercial/light industrial. Past Use of the Site: The property consisted of a tidal wetland until 1860 when the property was backfilled. A baseball stadium was present until approximately 1918, when it was converted into warehouse space. Between 1918 and the time the Property was acquired by Brooklyn Edison Company, Inc. (predecessor to the current owner) in 1925 the property was used mainly for warehouse and trucking operations. After being acquired by Brooklyn Edison, the Property has been used as an electric utility work out location. From at least 1933 to 1964, a portion of the Property fronting Fourth Avenue also housed gasoline service stations leased to third party operators. In 1947, a concrete pit was constructed on the southern corner of the property for dewatering sludge recovered from Con Edison electric manholes/vaults. This pit was connected to the municipal sewer and was utilized until 1974 when it was decommissioned and the current Flush Truck facility was constructed in the same location. Site Geology and Hydrogeology: The subsurface soil includes three primary lithologies that include urban fill, the naturally occurring marsh deposits and underlying sands and silt. The urban fill is continuous across the Property, extends from ground surface to 20 to 25 feet below ground surface (ft bgs) and consists of sand and silt, gravel, cobbles, concrete, brick, slag, cinders, coal fragments, glass, wood, shells, and metal. Beneath the fill and on top of the silt clay layer are discrete lenses of more coarse grained sand and gravel. Underlying fill at the Property is naturally occurring deposits, which consist primarily of silt, clay and peat. The presence of shell and plant fragments suggests that these are tidal marsh deposits. The shallow water table occurs in the fill layer beneath the Property at depths ranging from 7 12 ft bgs. Generally, groundwater flow at the property is to the west. "

Env Problem:

"The majority of the contamination encountered during previous investigations at the site consist of petroleum-related compounds however polychlorinated biphenyls (PCBs) were detected in shallow soil. Subsurface Soil: Several semi-volatile organic compounds (SVOCs) were detected above industrial soil cleanup objectives (SCOs). For example, naphthalene was detected at 6,500 ppm compared to an commercial SCO of 500 ppm Surface Soil: PCBs was detected up to 430 ppm compared to an commercial SCO of 1 ppm. Groundwater: Petroleum dissolved-phase contamination was detected above Ambient Water Quality Standards and Guidance Values. For example, naphthalene was detected at 20,000 parts per billion (ppb) compared to a guidance value of 10 ppb. Free-phase oil or light non-aqueous phase liquid (LNAPL) was encountered floating of the water table in the

THIRD AVENUE YARD (Continued) **S120706183**

	northeastern corner of the site where gasoline and diesel underground storage tanks were previously located. "
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-11-21 10:03:00
Record Upd:	2016-11-21 10:03:00
Updated By:	RJCOZZY
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library Pacific Branch
Owner Address:	25 4th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Andrea Schmitz
Owner Company:	Consolidated Edison Company of New York, Inc.
Owner Address:	4 Irving Place
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	1
Sub Type:	P02
Owner Name:	Andrea Schmitz
Owner Company:	Consolidated Edison Company of New York, Inc.
Owner Address:	4 Irving Place
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	NNN
Owner Name:	Mary Ellen Conlin, Director - Remediation
Owner Company:	Con Edison
Owner Address:	Con Edison
Owner Addr2:	31-01 20th Avenue
Owner City,St,Zip:	Astoria, NY 11105
Owner Country:	United States of America

THIRD AVENUE YARD (Continued) **S120706183**

HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AB231 **CONSOLIDATED EDISON** **NY MANIFEST** **S120957304**
SSW **222 FIRST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 10 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	222 FIRST STREET
City,State,Zip:	BROOKLYN, NY 11215-0000
Country:	USA
EPA ID:	NYD000706218
Facility Status:	Not reported
Location Address 1:	222 1ST ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	1892

NY MANIFEST:

EPAID:	NYD000706218
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	RM 828
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	12/31/2009
Trans1 Recv Date:	12/31/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/04/2010
Part A Recv Date:	Not reported

CONSOLIDATED EDISON (Continued) **S120957304**

Part B Recv Date: Not reported
Generator EPA ID: NYD000706218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 002490145FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 124
Units: P - Pounds
Number of Containers: 78
Container Type: CY - Cylinders
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AB232 **CONSOLIDATED EDISON** **NY MANIFEST** **S120957666**
SSW **222 FIRST ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.180 mi.
952 ft. **Site 11 of 17 in cluster AB**

Relative: NY MANIFEST:
Higher
Actual: Name: CONSOLIDATED EDISON
19 ft. Address: 222 FIRST ST
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP000706218
Facility Status: Not reported
Location Address 1: 222 FIRST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported

CONSOLIDATED EDISON (Continued) **S120957666**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000706218
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

AB233 **3RD AVE FLUSH TRUCK** **NY SWF/LF** **S117269722**
SSW **222 FIRST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 12 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

SWF/LF:
Name: 3RD AVE FLUSH TRUCK
Address: 222 FIRST STREET
City,State,Zip: BROOKLYN, NY 11215
Flag: INACTIVE
Region Code: 2
Phone Number: 7186664678
Owner Name: Consolidated Edison Co of NY Inc
Owner Type: Private
Owner Address: 4 Irving Place; Rm 15 NE
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10003
Owner Email: Not reported
Owner Phone: 2124602278
Contact Name: Bailey Tyler
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: TylerB@coned.com
Contact Phone: 2122034942
Activity Desc: Transfer station - permit
Activity Number: [24T]
Active: No
East Coordinate: 585750
North Coordinate: 4503197
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Bailey Tyler
Operator Type: Private
Laste Date: Not reported

AB234 **CON ED** **NY MANIFEST** **S120957800**
SSW **222 1 ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.180 mi.
952 ft. **Site 13 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Name:	CON ED
Address:	222 1 ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004851131
Facility Status:	Not reported
Location Address 1:	222 1 ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004851131
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	10/10/2015
Trans1 Recv Date:	10/10/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004851131
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013245469JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON ED (Continued) **S120957800**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 5127
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: B007
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AB235 **CONSOLIDATED EDISON** **NY MANIFEST** **S105058470**
SSW **222 1ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 14 of 17 in cluster AB**

Relative: **Higher**
Actual: **19 ft.**

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 222 1ST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP000920355
Facility Status: Not reported
Location Address 1: 222 1ST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: 1892

NY MANIFEST:
EPAID: NYP000920355
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: 1892

CONSOLIDATED EDISON (Continued) **S105058470**

Mailing Country: USA
Mailing Phone: 2124602808

AB236 **CON EDISON** **NY MANIFEST** **S121967251**
SSW **222 FIRST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 15 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:
Name: CON EDISON
Address: 222 FIRST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004703534
Facility Status: Not reported
Location Address 1: 222 FIRST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004703534
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/05/2014
Trans1 Recv Date: 12/05/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004703534
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012773834JJK

CON EDISON (Continued) **S121967251**

Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 5000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AB237 **CON EDISON - OTHER - SPECIFY 0000** **RCRA-LQG** **1019325713**
SSW **222 1 ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.180 mi.
952 ft. **Site 16 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

RCRA-LQG:
Date Form Received by Agency: 20160205
Handler Name: CON EDISON - OTHER - SPECIFY 0000
Handler Address: 222 1 ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004851131
Contact Name: THERESA BURKARD
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2262
Contact Fax: Not reported
Contact Email: BURKARDT@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2015
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY

CON EDISON - OTHER - SPECIFY 0000 (Continued) **1019325713**

State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20161107
Recognized Trader-Importer: No
Recognized Trader-Exporter: No

CON EDISON - OTHER - SPECIFY 0000 (Continued) **1019325713**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20151010
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20151010
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - OTHER - SPECIFY 0000
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CON EDISON - OTHER - SPECIFY 0000 (Continued) **1019325713**

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AB238 **THIRD AVENUE YARD** **NY Spills** **U001832241**
SSW **222 FIRST STREET** **NY TANKS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.180 mi.
952 ft. **Site 17 of 17 in cluster AB**

Relative:
Higher

Actual:
19 ft.

TANKS:
Name: THIRD AVENUE YARD
Address: 222 FIRST STREET
City,State,Zip: BROOKLYN, NY 11215
Facility Id: 2-452726
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 08/23/2023
UTM X: 585744.08429
UTM Y: 4503185.87893

SPILLS:
Name: THIRD AVENUE YARD - EMPLOYEE LOT
Address: 222 FIRST STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0203307 / 2017-06-08
Facility ID: 0203307
Facility Type: ER
DER Facility ID: 167996
Site ID: 263576
DEC Region: 2
Spill Cause: Unknown
Spill Class: B3
SWIS: 2401
Spill Date: 2002-06-27
Investigator: MJHAGGER
Referred To: Not reported
Reported to Dept: 2002-06-27
CID: 266
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True

THIRD AVENUE YARD (Continued) **U001832241**

Remediation Phase: 0
Date Entered In Computer: 2002-06-27
Spill Record Last Update: 2017-06-08
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY / ARAKHAN 7/25/02 Met with M. Sicherman and Sam Arakhan to discuss the high PCB readings in the employee parking lot. She explained that this spill was called in and was thought to be gasoline. We discussed combining the UST and PCB investigations. (KMF) 9/5/02 Phonecall from Maureen Sicherman. So far, they cannot locate 14 tanks. Suggested Con Ed submit proposal to do a site investigation. (KMF) 9/16/02 Phone converstaion with M. Sicherman. Submitting letter on how they're going to locate tanks. Not going to try GPR because they've tried this in the area before and were unsuccessful. Going to dig 5'deep trenches and test pits based on information from property records and Sanborne maps. These records indicate tanks were removed in 1964 (they disappear from map to map). QAPP/Workplan being rewritten. (KMF) 9/25/02 Received UST Investigation proposal from M. Gonzalez. (KMF) 10/9/02 Phone conversation with M. Sicherman. Include diesel as contaminant and PCBs. Use Fuel oil contaminated soil TAGM 4046. Will send letter confirming conversation. (KMF) 10/9/02 Relayed Sam Arakhan's comments to M. Sicherman. Requested site map and MW-2 location. (KMF) 10/10/02 Spoke with M. Sicherman. Will address comments when she receives a letter. (KMF) 10/10/02 Sent out letter in response to scope of work. (KMF) 11/4/02 Received QAPP for the Groundwater Investigation and Remedial Action Plan for PCBs and unknown USTs in the employee parking lot dated May 28, 2002 (revised November 1, 2002). 11/21/02 Yesterday afternoon found wall of tank while trenching. Appear to be heating oil tanks (maybe 250gal). Clean Harbors uncovered another tank while looking for port to first tank. Excavation is 40'X20'. Asked about 30day requirement to notify DEC to close the tanks. Replied that this did not apply in this case. Also directed her to arrange to register the tanks. (KMF) 11/21/02 Update: Removed 3 drums of oily sludge from tanks. Will fully characterize and analyze for PCBs. Regular turnaround for rolloff waste characterization of soils and sludge. Appendix B Category B deliverables will cause them to store rolloff for about a month. 11/25/02 Construction management was proceeding this morning and saw two tanks ad adjacent two tanks. Four tanks altogether. Appear to be 550gal. Will sample liquid and determine flash point and product. (KMF) 11/25/02 Update: UST-II area (where they had shifted the soil within the excavation) was expanded another 5' north and uncovered top of tanks. Found mostly water inside. Took samples and saw some sludge at bottom. 12/11/02 Update: PCB confirmatory sampling results are not yet available. All potentially impacted soil from around lube tanks had been excavated and samples collected from soil. Also reported as hazardous for lead. Will be disposed of as such. At the south area, gas tanks liquids were treated as hazardous for benzene. (KMF) 12/17/02 Mariela Gonzalez informed me that an additional 6 tanks were located and were full of water. Will sample for oil ID, PCBs and RCRA. Soil is stained under the other 4 tanks. Concrete anchoring slab was broken out (approx 4 thick) and contamination was found. Waiting to see if water

THIRD AVENUE YARD (Continued) **U001832241**

in excavation percolates. Will inspect graves tomorrow afternoon if possible. (KMF) 12/19/02 Met with M. Gonzalez and Chad of Jacques Whitford. Met to discuss results of preliminary samples. She will send a summary of results with an updated map of tank areas. Mariela is concerned about levels of metals and requested that DEC negotiate cleanup levels and amounts of soil to be removed. Sidewalk on east side of UST-II area mat be undermined. One high PCB hit (26ppm) on south side of PCB-II area. Mariela is concerned about how much soil will need to be removed from this area. Will research test pit data and determine extent of contamination in this area if possible. UST-I area - no tanks were found initially. Found two lube oil tanks when trench was extended. Additionally 6 tanks located north of UST-I area. Samples have been taken from the tanks. (KMF) 1/05/04 Arakhan PCB cleanup and removal of old USTs have been completed. ConEd (Maria Gonzalez) will submit report shortly. Subsequent to completion of PCB remediation, elevated concentrations of BTEX/gasoline detected in monitoring wells. Additional investigation and remediation efforts conducted. (JHO) 4/22/04: Con Edison submits UST Closure Summary Report for 14 tanks uncovered during excavation and removal of PCB contamianted soil associated with the employee parking lot. The report documents post-excavation soil sampling resultsfor PCBs, VOCs and SVOCs. 5/27/04: E-mail from Con Ed (M. Gonzalez) transmitting results of May 2004 groundwater sampling event. To summarize, there are low to moderate conentrations of BTEX compounds in groundwater which exceed standards. For example, benzene = 22 ppb max, toluene = 15 ppb max, ethylbenzene = 140 ppb max, xylene = 170 ppb max. See eDocs for results. (JHO) 6/7/04: revised groundwater contour map submitted by Con ed. See eDocs. (JHO) 6/8/04: e-mail to Con Ed Mariela Gonzalez: This is the third different groundwater contour/flow direction that I have seen for this site. I guess the addition of the wells around the north UST area helped get a better handle on it. I reviewed the groundwater analytical data for both the employee parking lot and the Service Center tanks [NOTE - see spill no. 9808009 for Service Center spill - JHO]. I think we are dealing with two distinct plumes, based on the following observations: 1. I don’t see any MTBE associated with the employee parking lot plume. If this was, in fact, the leading edge of the plume from the Service Center, I would expect to see MTBE in addition to the BTEX. 2. The presence of lead in the employee parking lot soils also leads me to believe this is a plume of older gasoline (leaded gas, no MTBE). How long before the new building is to be constructed on the employee parking lot? My suggestion would be to use ORC on this plume (hopefully we can do this now before construction begins) and install two wells each in the sidewalk adjacent to MW-1 and MW-3. (JHO) 6/10/04: E-mail update from M. Gonzalez: I’m glad you had the chance to catch up with this site. It is my understanding that construction activities at this site may begin in early August or September. [NOTE: Con Ed is planning on constructing a new office building on the former employee parking lot area.- JHO] Regarding ORC application at this site, I believe that because of the aggressive remediation at this site (more than 9,000 tons of soil removed and all 14 USTs removed) and the current levels of VOCs in GW -range between 11 ppb (Benzene) to 160 ppb (Xylenes), it wouldn’t be necessary. It seems like the plume is stable and mainly around the MW1. I know that we have a short window of opportunity to do it and with the ORC treatment being able to get a faster remediation conditions to achieve a NFA, rather than waiting and monitoring GW for much longer

THIRD AVENUE YARD (Continued) **U001832241**

time. So, I'm open to discuss. Perhaps, we could perform one ORC application but limited to the North Area (around MW1), since the middle and south areas (where MW2 and MW3) are clean. The approximate cost of ORC application for the north area is $30-40 K. Regarding installation of additional MWs, we need to further evaluate the number and the location required because heavy presence of all kind of underground utilities between the property and the Fourth Ave. Within the property say, by the north-east corner (about 60-65 feet north of MW1) is a possibility. MW1 and MW 3 will be preserved. I'll be calling you to discuss. (JHO) 6/25/04: e-mail from M. Gonzalez proposing ORC injection for wells at parking lot, as follows: Jane, here attached the GW flow contour for the 3rd Ave Yard (combining the MWs at the Service Center and the parking Lot). Also, FE [First Environment]used Regenesis calculation web tool to determine the optimal grid size and ORC material required for a limited ORC injection to address VOCs exceedances in the MW#1. I provided FE the end-point soil results for the North excavation area. John plotted the soil VOC results in the proposed ORC injection site Plan. (Note: I took a second look to those end-point soil VOCs concentration, and they are below the TAGM Recommended Cleanup objective to protect GW, Also to note that excavation at the north area went down to 10-11 feet, in contrast to the south or TP15 area which were excavated as deep as 14 feet.) I would like to schedule the ORC application at the Parking Lot ASAP. See eDocs for e-mail and attachments. (JHO) 7/9/04: E-mail to Con Ed Gonzalez approving ORC proposal: I reviewed the info you e-mailed me on June 25 and agree with the ORC proposal with one change: I'd like FE to install one new monitoring well in the sidewalk downgradient of the ORC injection area. I know you told me that well MW-1 will be spared from the construction activities, but I'd still like to have a monitoring point that is outside of the immediate injection zone. (JHO) 7/23/04: e-mail from Con Ed Gonzalez: This note to update you with our plans regarding the ORC project at the 3rd Ave yard Parking Lot. * Monday, July 26: A field walk among Remediation, CM, the consultant and subcontractor is scheduled at 9 AM. We will be reviewing the scope of work and selecting the injection points. Also we will be reviewing utility drawings and the code 753 markups so that we can select a location for the requested sentinel MW. *The ORC implementation will commence on July 30th. *Pending on MW location, if for example is to be done outside the site property (on the sidewalk), a street permit will have be secured, at this time we don't know, or at which sidewalk the MW will be installed, therefore, upon Monday field walk, I'll update you regarding proposed schedule to install this MW. (JHO) 7/26/04: site visit with Con ed (Mariela Gonzalez, Vinny Desiderio and Ulrick Samuel) and First Environment (John Engdahl). 2 additional wells will be installed to the northeast and southeast of existing well MW-1 in the former parking lot area. Both proposed wells are within property/fence line.(JHO) 7/26/07: e-mail from Con Ed Gonzalez: As we discussed, I'm attaching GW data from the original three MWs installed at the parking Lot. These wells were destroyed during soil excavation. Also attached is GW data (three rounds of data) for the existing MW#3 (at the south area). I only summarized VOCs since SVOC are either ND or below GW standards. And to document, below I typed some of the clarifications regarding the scope of work: - Two MWs (could be 2 diameter) to be installed at about 5' south and north of the ORC injection borders. The wells to be located the closest possible toward the property fence at 4th Ave, but inside the parking

THIRD AVENUE YARD (Continued) **U001832241**

lot property. - At these two MW locations, soil sampling is not anticipated since wells are being drilled on clean sand from 0 to 10'. If soil below 10' shows any evidence of contamination (odor, color or high PID readings) then a soil sample above the GW elevation should be collected. - The MW #1 and #2 will be extended out [NOTE: converted to stick up wells - JHO] so that the MWs are not covered during paving/site surface restoration activities. E-mailed response to Gonzalez: The concentrations in groundwater from the one round of sampling of the original wells in the south tank area indicates no detectable VOCs. These wells were closer to the tanks (the ostensible source of the contamination). The concentrations in new MW-3 seem to be fairly consistent, and are low. You can stick to the original plan - i.e., ORC for the north tank area. The south area will be capped with the new building, preventing any further rainwater infiltration. I would recommend that well MW-3 be sampled on the same frequency as the north area wells in order to track any remaining contaminant concerns. NOTE ADDED 9/11/07 BY JHO - there were 14 x 550-gallon gasoline USTs located in the northern area, which is the source of the contamination. (JHO) 7/28/04: NFA letter for PCBs in soil issued to Con Edison. (SKA) 9/24/04: E-mail from M. Gonzalez transmitting lab results for soil and groundwater collected during installation of additional monitoring wells. High concentrations of gasoline constituents were noted in soil along fence line, where no soil was previously excavated. The original excavation for the PCB contamianted soil encountered a number of 550-gallon gasoline USTs, which were excavated and removed. However, in an effort to prevent the fence along the site perimeter from collapsing, excavation was halted before reaching clean end-points. The two new wells (MW-4 and MW-5) were installed in the native material. Concentrations in soil in the native material range from ND for benzene to 1416 ppm for xylenes. Groundwater collected from wells MW-1, MW-3, MW-4 and MW-5 show moderate to high conentrations of dissolved BTEX (highest benzene = 1730 ppb, toluene = 7070 ppb, ethylbenzene = 3170 ppb, xylene = 16,600 ppb). These are the concentrations following ORC injection, which was completed on July 31, 2004. 10/5/04: Con Ed submits report on September 2004 monitoring well installation and groundwater sampling event. 8/6/07: e-mail from John Engdahl (First Environment) transmitting conceptual proposal for surfactant injection to enhance product recovery efforts: Attached please find our memo summarizing the recent investigation activities and the proposed investigation (soil gas) and remediation (VEFR w/ surfactant injection) for the 3rd Avenue Employee Parking Lot. Your expedited review of the document would be greatly appreciated, particularly the soil gas sampling portion. We followed the NYS DOH guidance document, however the guidance document does not specifically address our situation (i.e., near slab samples for VI assessment purposes, unconfined surface cover, etc.). We developed our scope based on our experience and knowledge from other sites and other guidance documents, including the NJDEP, EPA, ITRC, and API. We have schedule the GeoProbe for this Thursday, August 9, 2007. See eDocs for memo. (JHO) 8/9/07: e-mail response to First Environment (Engdahl): As we discussed on the phone this morning, NYSDOH has reviewed the soil vapor sampling plan and finds it acceptable. You will not need to run the SIM method, since the TO-15 detection limits should be sufficient. Please make sure to tell the lab what contaminants you are specifically interested in (i.e., BTEX). As for the proposal for surfactant flushing, please send a hard copy of the memo with the

THIRD AVENUE YARD (Continued) **U001832241**

revised figure to: Jim Harrington NYSDEC - Bureau of Technical Support 625 Broadway Albany, NY 12233-7020 Please send me a hard copy of the revised figure, and e-mail me a PDF version as well. NOTE: memo saved in eDocs contains both original and revised site plan. (JHO) 8/22/07: Spoke with Jim Harrington, DER Technical Support - he has assigned this to Kevin Carpenter, who will review the proposal and provide comments. (JHO) 1/31/14 - Remedial action work plan recieved from consultant recommended surfactant injection to address LNAPL which has been recurring in site wells. Sent comments/questions reply via email. (JOC) 2/27/14 - discussed with Con Edison PM Gonzalez 2/26. She would be check with consultant for response to my questions/comments. (JOC) 6/2/15 - received email from consultant 5/22/15 that they conducted a round of groundwater sampling in March 2015 and based on their findings they would like to discuss modifying their prior proposal, which had been for surfactant injection. Latest round did not see LNAPL in any wells, while dissolved VOC contaminants remain: in 8 wells sampled, 2 had low VOC concentrations, 2 had concentrations about 1 ppm (0.7 and 1.1) and 4 had concentrations in excess of 5 ppm (6.4, 7, 20 and 26 ppm) for CP-51 VOC list contaminants. The 5/22 email includes that an in-situ bio-augmentation program will most likely be the preferred approach, but that updated conditions and other site specifics must be first evaluated, and included that they would like to discuss the matter. Responded by email on 5/22 that I would be available to discuss it and provided some dates to do so. Awaiting response from consultant/Con Edison. (JOC) 7/14/16 had conference call 6/15/15 with Con Ed (Gonzalez), First Environment (Lattanzi) went through that the prior excavation work stayed within the property line and with the continued elevated dissolved concentrations that there remained a need for further work under the sidewalk, bringing up again that the old property drawing shows the old fill lines for the former gasoline station on the sidewalk along the curb; Mr. Lattanzi talked about the difficulty of work with the utilities under the sidewalk (e.g., sewer and subway ductwork) and the adjacent subway under 4th Avenue; the conversation ended with Ms. Gonzalez advising that FE s contract was ending very shortly, that Con Ed would be working on transitioning the project over to their other consultant AECOM. Department staff met with Con Edison on May 10, 2016 and July 8, 2016 to discuss Con Edison’s 3rd Avenue Yard overall and how to move forward with a comprehensive approach. Anticipate feedback from Con Edison shortly.(JOC) 11/18/2016 Austin This spill report is being transferred from Joe O Connell to Jennifer Kann - end. 06/05/17: J.Kann - as per Jeff spill reassigned to Kumar. 6/8/17 - Haggerty: Closed/consolidated under Site C224245. Further investigation and remediation will be conducted under the BCP."

Remarks: "HISTORICAL SPILL FOUND DURING SOME TEST BORINGS. NO SEWERS OR WATERWAYS. NO SMOKE OR FIRE. NO PRIVATE PROPERTY AFFECTED. CON EDISON REFERENCE NUMBER NOT AVAILABLE AT THIS TIME."

All Materials:

Site ID:	263576
Operable Unit ID:	854139
Operable Unit:	01
Material ID:	521137
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum

THIRD AVENUE YARD (Continued) **U001832241**

Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

AF239 **CON EDISON SERVICE BOX: 13614** **RCRA NonGen / NLR** **1016963172**
East **368 DOUGLASS ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.181 mi.
956 ft. **Site 1 of 3 in cluster AF**

Relative: **Higher**

Actual: **32 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20131017
Handler Name: CON EDISON SERVICE BOX: 13614
Handler Address: 368 DOUGLASS ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004362000
Contact Name: ROBERTA BELL
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4590
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: OFFICE ASSISTANT L1-2
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported

CON EDISON SERVICE BOX: 13614 (Continued) **1016963172**

Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130917
Handler Name: CON EDISON SERVICE BOX: 13614
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20131017
Handler Name: CON EDISON SERVICE BOX: 13614
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY

CON EDISON SERVICE BOX: 13614 (Continued) **1016963172**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 368 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004362000
Facility Status: Not reported
Location Address 1: 368 DOUGLAS ST
Code: BP
Location Address 2: SB 13614
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004362000
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported

CON EDISON SERVICE BOX: 13614 (Continued) **1016963172**

Generator Ship Date:	09/17/2013
Trans1 Recv Date:	09/17/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/18/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004362000
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002291048GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

U240 **CON EDISON** **NY MANIFEST** **S118463822**
ENE **363-365 DOUGLAS ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.181 mi.
958 ft. **Site 3 of 4 in cluster U**

Relative: NY MANIFEST:
Higher

Name:	CON EDISON
Address:	363-365 DOUGLAS ST
City,State,Zip:	BROOKLYN, NY
Country:	USA
EPA ID:	NYP004857579
Facility Status:	Not reported
Location Address 1:	363-365 DOUGLAS ST
Code:	BP

Actual:
30 ft.

CON EDISON (Continued) **S118463822**

Location Address 2: SB 13613
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004857579
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/21/2015
Trans1 Recv Date: 10/21/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/23/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004857579
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014086110JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000

CON EDISON (Continued) **S118463822**

Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Y241 **GOWANUS VILLAGE I, LLC - 420 CARROLL STREET** **NY BROWNFIELDS S102145301**
WSW **420 CARROLL STREET** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.181 mi.
958 ft. **Site 9 of 11 in cluster Y**

Relative: **Lower**

Actual: **9 ft.**

BROWNFIELDS:

Name:	GOWANUS VILLAGE I, LLC - 420 CARROLL STREET
Address:	420 CARROLL STREET
City,State,Zip:	BROOKLYN, NY 11217
Program:	BCP
Site Code:	356610
Acres:	0.920
HW Code:	C224118
SWIS:	2401
Town:	New York City
Record Added Date:	12/09/2005
Record Updated Date:	02/15/2007
Update By:	brwolose
Site Description:	"This is a new BCP application and pertains to the Gowanus Village I, LLC-420 Carroll Street located at 420 Carroll Street, Brooklyn, Kings County. This site is approximately .92 acres in size. Current use of this site is commercial and future use of this site will be residential. Suspected contaminants at this site are chlorinated solvents, pesticides, SVOCs and PCBs. These contaminants are impacting the soil and groundwater. This BCP application is currently under review and the Department of Environmental Conservation will determine the application's approval and eligibility in conjunction with the Department of Health. 8/30/06: the BCP Application was denied."
Env Problem:	"Information submitted with the BCP application and additional information submitted regarding the environmental conditions at the site were reviewed. It was determined that due to lack of known contamination and the unlikely potential for contamination would not complicate the redevelopment of the site, the application was denied."
	Not reported
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported

GOWANUS VILLAGE I, LLC - 420 CARROLL STREET (Continued) **S102145301**

Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 6
Sub Type: NNN
Owner Name: SARA MIRSKI-GOWANUS VILLAGE I, LLC
Owner Company: BOYMELGREEN DEVELOPERS
Owner Address: 752 PACIFIC STREET
Owner Addr2: 6TH FLOOR
Owner City,St,Zip: BROOKLYN, NY 11238
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: SARA MIRSKI - GOWANUS VILLAGE I, LLC
Owner Company: BOYMELGREEN DEVELOPERS
Owner Address: 752 PACIFIC STREET
Owner Addr2: 6TH FLOOR
Owner City,St,Zip: BROOKLYN, NY 11238
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SPILLS:
Name: 420 CARROLL STREET/BKLYN
Address: 420 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8810095 / 1989-03-30
Facility ID: 8810095
Facility Type: ER
DER Facility ID: 82019
Site ID: 90905
DEC Region: 2
Spill Cause: Housekeeping
Spill Class: C4
SWIS: 2401
Spill Date: 1989-03-30
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 1989-03-30
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: 1989-03-30
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

GOWANUS VILLAGE I, LLC - 420 CARROLL STREET (Continued) **S102145301**

Remediation Phase: 0
Date Entered In Computer: 1989-04-04
Spill Record Last Update: 2005-09-21
Spiller Name: Not reported
Spiller Company: BELCHER OIL
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 9/21/05 - Austin - Recently found sampling data submitted by NYCDEP, dated 4/18/86. Samples were taken from tank trailers on the site. Document wil be scanned into eDocs database.- end"
Remarks: "MR. BERNSTEIN AT 420 CARROL ST SAYS THAT OIL IS COMING FROM BELCHER OIL'S PROPERTY, CROSSING BERSTEIN'S PROPERTY & GOING INTO GOWANUS CANAL, REFERRED TO ECO'S FOR INVESTIGATION."

All Materials:
Site ID: 90905
Operable Unit ID: 926123
Operable Unit: 01
Material ID: 451273
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

U242 **350 BUTLER STREET** **NY UST** **U004330259**
ENE **350 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.183 mi.
967 ft. **Site 4 of 4 in cluster U**

Relative:
Higher
Actual:
29 ft.

UST:
Name: 350 BUTLER STREET
Address: 350 BUTLER STREET
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-613177 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Private Residence

Affiliation Records:
Site Id: 610851
Affiliation Type: Facility Owner
Company Name: 346 BUTLER LLC
Contact Type: CPM IFATHAM CONSTRUCTION CORP.
Contact Name: JOSHUA LAWRENCE
Address1: 80 4TH STREET
Address2: Not reported
City: BROOKLYN

350 BUTLER STREET (Continued) **U004330259**

State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 715-0418
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2020-09-02

Site Id: 610851
Affiliation Type: Mail Contact
Company Name: IFATHAM CONSTRUCTION CORP.
Contact Type: Not reported
Contact Name: JOSHUA LAWRENCE
Address1: 80 4TH STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 715-0418
EMail: JOSHUA@IFATHAM.CS.COM
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2020-09-11

Site Id: 610851
Affiliation Type: Facility Operator
Company Name: 350 BUTLER STREET
Contact Type: Not reported
Contact Name: JOSHA LAWRENCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2020-09-02

Site Id: 610851
Affiliation Type: Emergency Contact
Company Name: 346 BUTLER LLC
Contact Type: Not reported
Contact Name: JOSHUA LAWRENCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (248) 762-7580
EMail: Not reported
Fax Number: Not reported

350 BUTLER STREET (Continued) **U004330259**

Modified By: ACDANIEL
Date Last Modified: 2020-09-02

Tank Info:

Tank Number: 01
Tank ID: 287379
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 02/24/1967
Date Tank Closed: 08/12/2020
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: ACDANIEL
Last Modified: 09/10/2020

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None

AA243 **269-271 4TH AVENUE** **NY VCP** **S125316959**
South **271 4TH AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.192 mi.
1014 ft. **Site 5 of 17 in cluster AA**

Relative:
Higher

Actual:
27 ft.

VCP NYC:
Project ID: 14TMP0455K,14EHAZ455K,14CVCP250K
Name: 269-271 4TH AVENUE
Address: 271 4TH AVENUE
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3.00964000630096E+29
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Construction
Latitude: 40.67549
Longitude: -73.984422
Postcode: 6
Community Board: 39
Council District: 133
Census Tract: 3426694
BIN: 3009640007

269-271 4TH AVENUE (Continued) **S125316959**

NTA: Park Slope-Gowanus

AF244 **CON EDISON SERVICE BOX: 13574** **RCRA NonGen / NLR** **1016962226**
East **675 DEGRAW ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.193 mi.
1017 ft. **Site 2 of 3 in cluster AF**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20130928
Handler Name: CON EDISON SERVICE BOX: 13574
Handler Address: 675 DEGRAW ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004352324
Contact Name: ROBERTA BELL
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4590
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: OFFICE ASSISTANT L1-2
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported

CON EDISON SERVICE BOX: 13574 (Continued) **1016962226**

2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130828
Handler Name: CON EDISON SERVICE BOX: 13574
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130928
Handler Name: CON EDISON SERVICE BOX: 13574
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

CON EDISON SERVICE BOX: 13574 (Continued) **1016962226**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 675 DEGRAW ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004352324
Facility Status: Not reported
Location Address 1: 675 DEGRAW ST
Code: BP
Location Address 2: SB 13574
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004352324
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/28/2013
Trans1 Recv Date: 08/28/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/28/2013

CON EDISON SERVICE BOX: 13574 (Continued) **1016962226**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004352324
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086606GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Z245 **MAXIMUM DISTRIBUTORS- TTF** **NY LTANKS** **S109829733**
NNE **151-169 3RD AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.193 mi.
1019 ft. **Site 5 of 5 in cluster Z**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Name:	MAXIMUM DISTRIBUTORS- TTF
Address:	151-169 3RD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0902974 / 2009-08-18
Facility ID:	0902974
Site ID:	415051
Spill Date:	2009-06-12
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401

MAXIMUM DISTRIBUTORS- TTF (Continued) **S109829733**

Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2009-06-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2009-06-12
Spill Record Last Update: 2009-08-18
Spiller Name: Not reported
Spiller Company: MAXIMUM DISTRIBUTORS
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: DENNIS WOOD
Spiller Phone: (615) 372-6010
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 364188
DEC Memo: "Telephone request to Dennis Wood of Titan Management - Asking for status update. Man way gasket needs to be replaced - Has this work been done? Was there any contamination? 8/4/2009 e-mail from Amanda Sisel at Titan Management (615.372.6006 office) 1006 Flagpole Ct, Suite 104, Brentwood, TN 37027 I wanted to let you know that I am working on getting the information you requested for the failed tank test at 169 Third Ave. Joe Macchia is on vacation until tomorrow and I am hoping to get the information from him and get this resolve upon his return to the office. 8/5/2009 TTF sent to: Mr. Dennis Titan Management 1006 Flagpole Ct, Suite 104 Brentwood, TN 37027 8/10/2009 e-mail from Amanda Sisel at Titan says: Manway gasket repaired - no contamination found - passed new tank test Copy of June 2009 passing tank test attached in eDocs"
Remarks: "1525 The caller advised dispatch there is no clean up necessary. A man way gasket needs to be replaced."

All Materials:
Site ID: 415051
Operable Unit ID: 1171412
Operable Unit: 01
Material ID: 2163214
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Name: UNDERGROUND TANK
Address: 151-169 3RD AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1402248 / 2014-07-09
Facility ID: 1402248

MAXIMUM DISTRIBUTORS- TTF (Continued) **S109829733**

Site ID:	495561
Spill Date:	2014-06-02
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2014-06-02
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-06-02
Spill Record Last Update:	2014-07-09
Spiller Name:	JOE MACCHIA
Spiller Company:	ASTI HOLDING CORP
Spiller Address:	151-169 3RD AVE
Spiller County:	999
Spiller Contact:	SHAWN SCKEAN
Spiller Phone:	(610) 278-7203
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	364188
DEC Memo:	"6/2/14 TJD Teleconfence with tank owner (Mr. Joseph Macchia) - he states tank has failed tighness test which vent piping is suspected cause. Original failing tighness test report was requested, Mr. Macchia states test report is not yet available. Cromco is scheduled to return to site on 6/3/14 to perform a helium isolation test. TTF letter has been prepared and sent via US Mail to correspondence address listed on PBS Facility Information Report. In addition leter has been e-mailed to Mr. Macchia at jmacchiamdi@aol.com. TTF letter could not be uploaded to DECDOCS as the file is not currently available. PM (Piper) has been provided an electronic copy of corespondence and will upload to DECDOCS when file location becomes available. Helium pinpoint service performed on failed Regular unleaded tank system. Through this pinpointing, crew Identified the leak source to be on the vent line back at vent stack. Alvin Petroleum was on site and made immediate repairs followed up by testing by Crornpco. System passed testing. Spill closed. Results and repair documentation in dec docs."
Remarks:	"Reporting tank test failure."

All Materials:

Site ID:	495561
Operable Unit ID:	1245064
Operable Unit:	01
Material ID:	2245969
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

MAXIMUM DISTRIBUTORS- TTF (Continued) **S109829733**

Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Y246 **CON EDISON - MANHOLE 4** **RCRA-LQG** **1016961535**
WSW **408 CARROL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.194 mi.
1022 ft. **Site 10 of 11 in cluster Y**

Relative: **Lower**
Actual: **4 ft.**

RCRA-LQG:
Date Form Received by Agency: 20140327
Handler Name: CON EDISON - MANHOLE 4
Handler Address: 408 CARROL ST
Handler City,State,Zip: BROOKLYN, NY 11201
EPA ID: NYP004342978
Contact Name: DENNIS HUACON
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: 401-765-1500
Contact Email: HUACOND@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type: Private
Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

CON EDISON - MANHOLE 4 (Continued) **1016961535**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130807
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

CON EDISON - MANHOLE 4 (Continued) **1016961535**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130807
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140327
Handler Name: CON EDISON - MANHOLE 4
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130807
Handler Name: CON EDISON MANHOLE: 4
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130907
Handler Name: CON EDISON MANHOLE: 4
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

CON EDISON - MANHOLE 4 (Continued) **1016961535**

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y247 **CON EDISON** **NY MANIFEST** **1016961536**
WSW **408 CARROL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.194 mi.
1022 ft. **Site 11 of 11 in cluster Y**

Relative:
Lower

Actual:
4 ft.

NY MANIFEST:
Name: CON EDISON
Address: 408 CARROL ST
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004342978
Facility Status: Not reported
Location Address 1: 408 CARROL ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004342978
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/07/2013
Trans1 Recv Date: 08/07/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/09/2013
Part A Recv Date: Not reported

CON EDISON (Continued) **1016961536**

Part B Recv Date: Not reported
Generator EPA ID: NYP004342978
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002219243GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AA248 **CON EDISON SERVICE BOX: 17869** **RCRA NonGen / NLR** **1025504515**
SSE **12 GARFIELD PL** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.195 mi.
1028 ft. **Site 6 of 17 in cluster AA**

Relative: RCRA NonGen / NLR:
Higher
Actual: Date Form Received by Agency: 20200413
28 ft. Handler Name: CON EDISON SERVICE BOX: 17869
Handler Address: 12 GARFIELD PL
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP005172960
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02

CON EDISON SERVICE BOX: 17869 (Continued) **1025504515**

Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: Not reported
Mailing City,State,Zip: Not reported
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No

CON EDISON SERVICE BOX: 17869 (Continued) **1025504515**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200413
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20180106
Handler Name: CON EDISON SERVICE BOX: 17869
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200413
Handler Name: CON EDISON SERVICE BOX: 17869
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AD249 **GOWANUS CSO - CP-1** **RCRA-LQG** **1027099734**
North **NEVINS ST & BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.195 mi.
1029 ft. **Site 3 of 10 in cluster AD**

Relative: **Lower**

Actual: **12 ft.**

RCRA-LQG:
Date Form Received by Agency: 20220211
Handler Name: GOWANUS CSO - CP-1
Handler Address: NEVINS ST & BUTLER ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYR000254334
Contact Name: MARLON L KING
Contact Address: HORACE HARDING EXPRESSWAY 5TH FL LOW RISE
Contact City,State,Zip: CORONA, NY 11368
Contact Telephone: 718-650-0265
Contact Fax: Not reported
Contact Email: MARLONK@DEP.NYC.GOV
Contact Title: ACCOUNTABLE MANAGER
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: HORACE HARDING EXPRESSWAY 2ND FL LOW RISE
Mailing City,State,Zip: CORONA, NY 11368
Owner Name: NYC DEPT OF ENVIRONMENTAL PROTECTION
Owner Type: Municipal
Operator Name: NYC DEPT OF ENVIRONMENTAL PROTECTION
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: Yes
Universal Waste Destination Facility: Yes
Federal Universal Waste: Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

GOWANUS CSO - CP-1 (Continued) **1027099734**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220222
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Yes
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 20181031
Date Ended Current: Not reported
Owner/Operator Address: 96-05 HORACE HARDING EXPRESSWAY 2ND FL LOW RISE
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: 718-595-3398
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

GOWANUS CSO - CP-1 (Continued) **1027099734**

Owner/Operator Email: DOLTON@DEP.NYC.GOV

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPT OF ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 20181031
Date Ended Current: Not reported
Owner/Operator Address: 96-05 HORACE HARDING EXPRESSWAY 2ND FL LOW RISE
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: 718-595-3398
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DOLTON@DEP.NYC.GOV

Historic Generators:
Receive Date: 20220211
Handler Name: GOWANUS CSO - CP-1
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Yes
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 22132
NAICS Description: SEWAGE TREATMENT FACILITIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG250 **CON EDISON** **NY MANIFEST** **S117740407**
SE **577 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.196 mi.
1035 ft. **Site 1 of 9 in cluster AG**

Relative: **Higher**
Actual: **35 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 577 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004735734
Facility Status: Not reported
Location Address 1: 577 CARROLL ST
Code: BP

CON EDISON (Continued) **S117740407**

Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004735734
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 02/23/2015
Trans1 Recv Date: 02/23/2015
Trans2 Recv Date: 02/26/2015
TSD Site Recv Date: 02/26/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004735734
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002610824GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000

CON EDISON (Continued) **S117740407**

Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AG251 **CON EDISON** **NJ MANIFEST** **S120667643**
SE **577 CARROLL ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.196 mi.
1035 ft. **Site 2 of 9 in cluster AG**

Relative:
Higher

Actual:
35 ft.

NJ MANIFEST:

EPA Id:	NYP004735734
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610824GBF
EPA ID:	NYP004735734
Date Shipped:	2/23/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

CON EDISON (Continued) **S120667643**

Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AG252 **CON EDISON** **RCRA NonGen / NLR** **1018278791**
SE **577 CARROLL ST** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.196 mi.
1035 ft. **Site 3 of 9 in cluster AG**

Relative: **Higher**
Actual: **35 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20150223
Handler Name: CON EDISON
Handler Address: 577 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004735734
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No

CON EDISON (Continued) **1018278791**

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1018278791**

Historic Generators:
Receive Date: 20150223
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150223
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067681155

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1018278791
Registry ID: 110067681155
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067681155
Name: CON EDISON
Address: 577 CARROLL ST

CON EDISON (Continued) **1018278791**

City,State,Zip: BROOKLYN, NY 11215

AH253 **CHOCK FULL O'NUTS CORP** **NY AST** **U001836743**
NE **588 BALTIC STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.199 mi.
1050 ft. **Site 1 of 4 in cluster AH**

Relative:
Higher

Actual:
26 ft.

AST:
Name: CHOCK FULL O'NUTS CORP
Address: 588 BALTIC STREET
City,State,Zip: BROOKLYN, NY 11217
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-151823
Program Type: PBS
UTM X: 586054.43655
UTM Y: 4503820.91870
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 4717
Affiliation Type: Facility Owner
Company Name: CHOCK FULL ONUTS CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 370 LEXINGTON AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 532-0300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 4717
Affiliation Type: Mail Contact
Company Name: CHOCK FULL ONUTS CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 370 LEXINGTON AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 532-0300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 4717

CHOCK FULL O'NUTS CORP (Continued) **U001836743**

Affiliation Type: Facility Operator
Company Name: CHOCK FULL ONUTS CORP
Contact Type: Not reported
Contact Name: PETER MALIANI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 625-4488
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 4717
Affiliation Type: Emergency Contact
Company Name: CHOCK FULL ONUTS CORP
Contact Type: Not reported
Contact Name: PETER MALIANI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 625-4488
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 19440
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1960

CHOCK FULL O'NUTS CORP (Continued) **U001836743**

Capacity Gallons:	7000
Tightness Test Method:	03
Date Test:	04/01/1995
Next Test Date:	Not reported
Date Tank Closed:	04/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AA254 **CON EDISON** **NY MANIFEST** **S117741205**
SSE **584 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1054 ft. **Site 7 of 17 in cluster AA**

Relative:
Higher

Actual:
33 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	584 CARROLL ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004744215
Facility Status:	Not reported
Location Address 1:	584 CARROLL ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004744215
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/05/2015
Trans1 Recv Date:	03/05/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/06/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

CON EDISON (Continued) **S117741205**

Generator EPA ID: NYP004744215
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014091024JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AA255 **CON EDISON** **RCRA NonGen / NLR** **1018279590**
SSE **584 CARROLL ST** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.200 mi.
1054 ft. **Site 8 of 17 in cluster AA**

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150305
Handler Name: CON EDISON
Handler Address: 584 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004744215
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private

CON EDISON (Continued) **1018279590**

Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No

CON EDISON (Continued) **1018279590**

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150305
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150305
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 22637
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

CON EDISON (Continued) **1018279590**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067693151

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

CON EDISON (Continued) **1018279590**

ECHO:
- Envid: 1018279590
- Registry ID: 110067693151
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067693151
- Name: CON EDISON
- Address: 584 CARROLL ST
- City,State,Zip: BROOKLYN, NY 11215

AC256 **CON EDISON** **NY MANIFEST** **S117740113**
North **526 BALTIC ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1055 ft. **Site 2 of 8 in cluster AC**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:
- Name: CON EDISON
- Address: 526 BALTIC ST
- City,State,Zip: BROOKLYN, NY 11215
- Country: USA
- EPA ID: NYP004732681
- Facility Status: Not reported
- Location Address 1: 526 BALTIC ST
- Code: BP
- Location Address 2: SB 13271
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11217
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004732681
- Mailing Name: CON EDISON
- Mailing Contact: TOM TEELING
- Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: Not reported

NY MANIFEST:
- Document ID: Not reported
- Manifest Status: Not reported
- seq: Not reported
- Year: 2018
- Trans1 State ID: NJD003812047
- Trans2 State ID: Not reported
- Generator Ship Date: 02/17/2015
- Trans1 Recv Date: 02/17/2015
- Trans2 Recv Date: Not reported
- TSD Site Recv Date: 02/24/2015
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NYP004732681

CON EDISON (Continued) **S117740113**

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002621174GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 800
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AC257 **CON EDISON** **NJ MANIFEST** **S120667358**
North **526 BALTIC ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1055 ft. **Site 3 of 8 in cluster AC**

Relative: **Lower**

Actual: **17 ft.**

NJ MANIFEST:
EPA Id: NYP004732681
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported

CON EDISON (Continued) **S120667358**

Date Change: Not reported

Manifest:
Manifest Number: 002621174GBF
EPA ID: NYP004732681
Date Shipped: 2/17/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AC258 **CON EDISON** **FINDS** **1018278494**
North **526 BALTIC ST** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.200 mi.
1055 ft. **Site 4 of 8 in cluster AC**

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 20150217
Actual: Handler Name: CON EDISON
17 ft. Handler Address: 526 BALTIC ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004732681

CON EDISON (Continued) **1018278494**

Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No

CON EDISON (Continued) **1018278494**

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150217
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150217
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1018278494**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067706138

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1018278494
Registry ID: 110067706138
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067706138
Name: CON EDISON
Address: 526 BALTIC ST
City,State,Zip: BROOKLYN, NY 11215

AA259 **275 4TH AVENUE INVESTORS LLC** **PA MANIFEST** **S118888463**
South **275 4TH AVENUE** **PA MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1058 ft. **Site 9 of 17 in cluster AA**

Relative: **Higher**
Actual: **26 ft.**

Manifest Details:
Year: 2015
Manifest Number: 013799061JJK
Manifest Type: TSD Copy
Generator EPA Id: NYD986914133
Generator Date: 04/15/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Dump truck
Waste Quantity: 48200
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

275 4TH AVENUE INVESTORS LLC (Continued) **S118888463**

Year: 2015
Manifest Number: 013799064JJK
Manifest Type: TSD Copy
Generator EPA Id: NYD986914133
Generator Date: 04/16/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Dump truck
Waste Quantity: 48040
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 013799058JJK
Manifest Type: TSD Copy
Generator EPA Id: NYD986914133
Generator Date: 04/14/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Dump truck
Waste Quantity: 49280
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 013799062JJK
Manifest Type: TSD Copy

275 4TH AVENUE INVESTORS LLC (Continued) **S118888463**

Generator EPA Id: NYD986914133
Generator Date: 04/15/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Dump truck
Waste Quantity: 53260
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2015
Manifest Number: 013799063JJK
Manifest Type: TSD Copy
Generator EPA Id: NYD986914133
Generator Date: 04/16/2015
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Dump truck
Waste Quantity: 45700
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

AA260 **275 FOURTH AVENUE DEV** **RCRA-LQG** **1000446339**
South **275 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1058 ft. **Site 10 of 17 in cluster AA**

Relative: **Higher**

Actual: **26 ft.**

RCRA-LQG:
Date Form Received by Agency: 20160524
Handler Name: 275 FOURTH AVENUE DEV
Handler Address: 275 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYD986914133
Contact Name: JOSH ZUCKER
Contact Address: 3RD AVE
Contact City,State,Zip: NEW YORK, NY 10022
Contact Telephone: 917-753-4330
Contact Fax: Not reported
Contact Email: JOSH@ADAMAMERICARE.COM
Contact Title: PROJECT MANAGER
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2015
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 3RD AVE
Mailing City,State,Zip: NEW YORK, NY 10022
Owner Name: 275 4TH AVENUE INVESTORS LLC
Owner Type: Private
Operator Name: 275 4TH AVENUE INVESTORS LLC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

275 FOURTH AVENUE DEV (Continued) **1000446339**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20161107
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SPARTAN PETROLEUM
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported

275 FOURTH AVENUE DEV (Continued) **1000446339**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 275 4TH AVENUE INVESTORS LLC
Legal Status: Private
Date Became Current: 20130712
Date Ended Current: Not reported
Owner/Operator Address: 850 3RD AVE
Owner/Operator City,State,Zip: NEW YORK, NY 10022
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPARTAN PETROLEUM
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 275 4TH AVENUE INVESTORS LLC
Legal Status: Private
Date Became Current: 20130712
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SPARTAN PETROLEUM
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 275 4TH AVENUE INVESTORS LLC
Legal Status: Private
Date Became Current: 20130712
Date Ended Current: Not reported
Owner/Operator Address: 850 THIRD AVE SUITE 13D

275 FOURTH AVENUE DEV (Continued) **1000446339**

Owner/Operator City,State,Zip: NEW YORK, NY 10022
Owner/Operator Telephone: 646-422-7224
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 275 4TH AVENUE INVESTORS LLC
Legal Status: Private
Date Became Current: 20130712
Date Ended Current: Not reported
Owner/Operator Address: 850 3RD AVE
Owner/Operator City,State,Zip: NEW YORK, NY 10022
Owner/Operator Telephone: 646-422-7224
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160524
Handler Name: 275 FOURTH AVENUE DEV
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19950419
Handler Name: SPARTAN PETROLEUM
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SPARTAN PETROLEUM
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

275 FOURTH AVENUE DEV (Continued) **1000446339**

Receive Date: 20070101
Handler Name: SPARTAN PETROLEUM
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900927
Handler Name: SPARTAN PETROLEUM
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150108
Handler Name: 275 FOURTH AVENUE DEVELOPMENT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AA261 **275 4TH AVE INVESTORS LLC** **NY MANIFEST** **S119071837**
South **275 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1058 ft. **Site 11 of 17 in cluster AA**

Relative:
Higher

Actual:
26 ft.

NY MANIFEST:

Name:	275 4TH AVE INVESTORS LLC
Address:	275 4TH AVE
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYD986914133
Facility Status:	Not reported
Location Address 1:	275 4TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986914133
Mailing Name:	275 4TH AVE INVESTORS LLC
Mailing Contact:	275 4TH AVE INVESTORS LLC/SPARTAN PETROLEUM
Mailing Address 1:	850 3RD AVE STE 130
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10022
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5162953400

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR000029957
Trans2 State ID:	Not reported
Generator Ship Date:	04/16/2015
Trans1 Recv Date:	04/16/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/16/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986914133
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	013799063JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

275 4TH AVE INVESTORS LLC (Continued) **S119071837**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	45700
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D006
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AA262 **275 4TH AVENUE** **NY VCP** **S118943374**
South **275 4TH AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.200 mi.
1058 ft. **Site 12 of 17 in cluster AA**

Relative: **Higher**
Actual: **26 ft.**

VCP NYC:

Project ID:	14TMP0054K,14EHAZ054K,14CVCP240K
Name:	275 4TH AVENUE
Address:	275 4TH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3009640001
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.6754
Longitude:	-73.984502
Postcode:	6
Community Board:	39
Council District:	133
Census Tract:	3424427
BIN:	3009647505
NTA:	Park Slope-Gowanus

AA263 **NORTH PETROLEUM CORP** **NY UST** **U003074454**
South **275 FOURTH AVE** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.200 mi.
1058 ft. **Site 13 of 17 in cluster AA**

Relative:
Higher

Actual:
26 ft.

UST:

Name:	NORTH PETROLEUM CORP
Address:	275 FOURTH AVE
City,State,Zip:	BROOKLYN, NY 11215
Id/Status:	2-241849 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585857.91453
UTM Y:	4503195.07611
Site Type:	Unknown

Affiliation Records:

Site Id:	9234
Affiliation Type:	Facility Owner
Company Name:	ODESSA OIL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1158 BROADWAY
Address2:	Not reported
City:	HEWLETET
State:	NY
Zip Code:	11557
Country Code:	001
Phone:	(516) 295-3400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9234
Affiliation Type:	Mail Contact
Company Name:	ODESSA OIL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1158 BROADWAY
Address2:	Not reported
City:	HEWLETET
State:	NY
Zip Code:	11557
Country Code:	001
Phone:	(516) 295-3400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9234
Affiliation Type:	Facility Operator
Company Name:	NORTH PETROLEUM CORP
Contact Type:	Not reported
Contact Name:	NORTH PETROLEUM CORP
Address1:	Not reported

NORTH PETROLEUM CORP (Continued) **U003074454**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 788-0274
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9234
Affiliation Type: Emergency Contact
Company Name: ODESSA OIL CORP
Contact Type: Not reported
Contact Name: MR LOUIS RENZO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 788-0274
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 40445
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

NORTH PETROLEUM CORP (Continued) **U003074454**

I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 002
Tank ID: 40446
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 40447
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

NORTH PETROLEUM CORP (Continued) **U003074454**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 40448
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005
Tank ID: 40449
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

NORTH PETROLEUM CORP (Continued) **U003074454**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 006
Tank ID: 40450
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 007
Tank ID: 40451
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

NORTH PETROLEUM CORP (Continued) **U003074454**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 008
Tank ID: 40452
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 009
Tank ID: 40453
Tank Status: Closed Prior to Micro Conversion, 03/91

NORTH PETROLEUM CORP (Continued) **U003074454**

Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 40454
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

NORTH PETROLEUM CORP (Continued) **U003074454**

A00 - Tank Internal Protection - None

Tank Number: 011
Tank ID: 40455
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 012
Tank ID: 40456
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

NORTH PETROLEUM CORP (Continued) **U003074454**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 013
Tank ID: 40457
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 014
Tank ID: 40458
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 11/01/1967
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

NORTH PETROLEUM CORP (Continued) **U003074454**

Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

AST:

Name: NORTH PETROLEUM CORP
Address: 275 FOURTH AVE
City,State,Zip: BROOKLYN, NY 11215
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-241849
Program Type: PBS
UTM X: 585857.91453
UTM Y: 4503195.07611
Expiration Date: N/A
Site Type: Unknown

Affiliation Records:

Site Id: 9234
Affiliation Type: Facility Owner
Company Name: ODESSA OIL CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 1158 BROADWAY
Address2: Not reported
City: HEWLETET
State: NY
Zip Code: 11557
Country Code: 001
Phone: (516) 295-3400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9234
Affiliation Type: Mail Contact
Company Name: ODESSA OIL CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 1158 BROADWAY
Address2: Not reported
City: HEWLETET
State: NY
Zip Code: 11557
Country Code: 001
Phone: (516) 295-3400
EMail: Not reported
Fax Number: Not reported

NORTH PETROLEUM CORP (Continued) **U003074454**

Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9234
Affiliation Type: Facility Operator
Company Name: NORTH PETROLEUM CORP
Contact Type: Not reported
Contact Name: NORTH PETROLEUM CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 788-0274
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9234
Affiliation Type: Emergency Contact
Company Name: ODESSA OIL CORP
Contact Type: Not reported
Contact Name: MR LOUIS RENZO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 788-0274
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 015
Tank Id: 48045
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.

NORTH PETROLEUM CORP (Continued) **U003074454**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/1994
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	gasoline

Tank Number:	016
Tank Id:	48046
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/1994
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	gasoline

AI264 **GOWANUS CANAL NORTHSIDE** **NY UST** **U004272341**
NW **495-505 SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.201 mi.
1059 ft. **Site 1 of 9 in cluster AI**

Relative: **Lower**
Actual: **9 ft.**

UST:

Name:	GOWANUS CANAL NORTHSIDE
Address:	495-505 SACKETT STREET
City,State,Zip:	BROOKLYN, NY 11231
Id/Status:	2-612769 / Unregulated/Closed

GOWANUS CANAL NORTHSIDE (Continued) **U004272341**

Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Other

Affiliation Records:

Site Id: 558486
Affiliation Type: Facility Owner
Company Name: LAA REALTY, LLC
Contact Type: MEMBER
Contact Name: VINCENT ALLEGRETTI
Address1: 8901 SHORE ROAD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11209
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 558486
Affiliation Type: Facility Operator
Company Name: GOWANUS CANAL NORTHSIDE
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 558486
Affiliation Type: Emergency Contact
Company Name: LAA REALTY, LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN

GOWANUS CANAL NORTHSIDE (Continued) **U004272341**

Date Last Modified: 2017-08-24

Tank Info:

Tank Number:	001
Tank ID:	271507
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	01/18/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	08/24/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None

AH265 **126 4TH AVENUE - MISC** **NY LTANKS** **S118953804**
NE **126 4TH AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.202 mi.
1064 ft. **Site 2 of 4 in cluster AH**

Relative: LTANKS:
Higher

Actual: Name:	126 4TH AVENUE - MISC
29 ft. Address:	126 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9505523 / 2013-01-17
Facility ID:	9505523
Site ID:	261276
Spill Date:	1995-08-03
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	2004-12-14
SWIS:	2401
Investigator:	VXBREVDO
Referred To:	DELINEATION WORK PLAN 3/16/2009
Reported to Dept:	1995-08-03
CID:	Not reported

126 4TH AVENUE - MISC (Continued) **S118953804**

Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1995-09-25
Spill Record Last Update: 2013-01-17
Spiller Name: Not reported
Spiller Company: CITGO STATION
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 433269
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 01/07/04 ALso refer to Spill #04-07082 9/27/04-Reassinged from Rommel to sun. 9/28/04 File Update by Sun: On 9/29/04, Joe Sun conducted a site visit. Sun spoke to Mark Turoff of Environmental System Group (Tel: 917-750-1483) about the site investigation he has recently performed. Per Turoff, his company had installed twelve soil temporary wells on 9/27/04 and had collected soil and groundwater samples from eleven wells except one which contained one foot of free phase product. He will send me the invstigation report after the laboratory report is complete. 10/7/04 Sun received an e-mail from Lauren Gallagher, Project Manager from NYCDEP on 10/7/04 for this Little E Restricted site. She will fax to me a copy of Phase II testing and accompanying HASP which they approved on 9/8/04. 04/08/05-File Update by Sun: The Stipulation Agreement was signed by the owner and executed by the Department on 12/15/04. -On April 6, 2005, DEC received an Investigation Summary Report from owner's consultant, Advanced Site Restoration, LLC. Joe Sun called the owner (Paul Rigas)on 04/08/05, informing him that the Department disapproved the report, since it does not delineate the off-site contamination. A meeting is scheduled for April 19, 2005 at the site between the DEC and the owner to discuss the location of off-site wells. -WJS 04/25/05-File Update by Sun: On 5/25/05, Sun sent a letter to the property owner (George Rigas), informing him that the Department has reviewed and approved the Investigation Summary Report with the incorporation of the following items: 1.Install two (2) two-inch (minimum) off-site monitoring wells in sidewalk east of Butler Street between 3rd Avenue and 4th Avenue in Brooklyn, New York. The monitoring wells should be selected at locations down-gradient of the existing monitoring wells TMW-16 and TMW-17. The new wells will provide the additional off-site delineation of dissolved groundwater contamination plumes. Pursuant to the Stipulation Agreement signed and dated effective December 15, 2004, the Department requires a Remedial Action Plan (RAP) be submitted by June 24, 2005. THe Department requires that the RAP shall detail the work proposed to remediate all contaminated media (groundwater and soil) and provide a detailed descriptions of a vapor mitigation efforts used in the construction of the residence including the installation of vapor barriers and sub-foundation venting systems. (WJS) 06/29/05 File Update by Sun: On 06/29/05, Sun sent a letter to

126 4TH AVENUE - MISC (Continued) **S118953804**

the property owner (George Rigas), informing him that the Department has reviewed and approved the Remedial Action Plan, prepared by Advanced Cleanup Technologies, Inc., with the incorporation of the following items: 1. The OMMP shall describe and tabulate the operation, maintenance and monitoring schedule (frequency) for system equipment and their performance, influent and effluent water sample, system influent and effluent air emission, all monitoring wells and soil vapor monitoring points. EPA Method TO-14A, not TO-02 as stated in Reference 1, shall be used to sample and analyze air stream before and after carbon treatment. 2. Soil Vapor Extraction System (SVES) Data sheet and Air Stripper Data Sheet shall be completed and submitted to the Department by November 15, 2005 for review. The Blank SVES and Air Stripper Data sheets are attached here for your reference. 3.Measurements of groundwater levels in all area are to be conducted monthly for the first three months, and then quarterly. Collection and analysis of groundwater and soil vapor samples shall be conducted monthly for all monitoring wells and soil vapor monitoring points. (Sun) 12/09/05-Sun: Sun received an email from Paul Stewart of ACT, Inc., informing the Department on the current status of the projec: The owner modified development plans for the property to include a full basement with elevator room and underground parking rather than a partial basement with elevator room only. The NYCDEP required modifications to the work plan approved by the NYSDEC to account for the full basement. The modified work plan was approved by the NYCDEP and includes a vapor barrier under the entire property and a more extensive subslab ventilation system. A supplemental soil and ground water investigation is currently being performed and should be completed by Friday. The existing cased wells were surveyed and a flow direction to the west was calculated. The results of the supplemental investigation will be used to size and locate the soil vapor extraction and ground water recovery systems. (Sun) 01/11/06-Sun: Sun sent a letter to the property owner, Paul Bregianos of Arc Electrical and Mechanical, approving the revised Remedial Action Plan prepared by Advanced Cleanup Technologies, Inc. dated 01/04/06, as noted below: Soil Vapor Extraction System (SVES) data sheet and Air Stripper Data Sheet shall be completed and submitted to the Department by March 31, 2006 for review, (2)The owner must notify the Department of site status change from Closed-In Place to Closed-Removed for seven (7) 550-gallon gasoline underground storage tanks (USTs) within 30 days prior to sustantially modifying a facility. (Sun) 03/27/06-Sun received an email from Paul Stewart of ATC on 03/06/06 informing DEC that they are planning to issue to DEC a formal report on the extent of free product and dissolved gasoline in ground water beneath the site. It will also contain a summary of underground storage tank closure activities as requested in DEC's correspondence to the property owner. We should have the report to DEC by the end of this week. (Sun) 03/27/06-Sun sent an email to Paul Stewart of ATC stating that DEC is still waiting to receive a report from ATC on the extent of free product and dissolved gasoline in ground water beneath the siteand a summary of underground storage tank closure activities as requested in DEC's correspondence to the property owner. (Sun) 06/16/06-Sun: Paul Stewart of ACT (Consultant for RP) informed the Department that installation of the recovery well, monitoring wells and vapor monitoring points is complete. The horizontal ventilation screens and piping associated with the vapor extraction wells is also complete. Tomorrow,we will be overseeing installation of the vapor extraction wells. We will also be

126 4TH AVENUE - MISC (Continued) **S118953804**

connecting those wells to piping leading to the location of the treatment system. Next week we will be installing the remaining sections of the 20 mil HDPE liner. The concrete foundation floor will be poured soon after that. Once the first floor parking garage has been completed, we will perform a ground water pump test and a pilot soil vapor extraction test to size a treatment system. Installation of the treatment system will depend upon the construction schedule and access to the alleyway where it will be located. We expect that will take place this fall. (Sun) 09/06/06-Sun: Sun received an email dated 09/04/06 from Paul Stewart of ACT (Consultant for RP)as follows: All wells and subsurface piping have been installed. We are waiting for completion of the first floor so we can install a pilot system and perform a pilot SVE and ground water pump test. I expect that should take place in October . (Sun) 12/13/06-Sun: Sun received an email from Paul Stewart on 10/30/06, stating taht All of the wells and piping for a pump and treat system, vapor extraction system and subslab depssurization system have been installed. He is currently waiting for completion of the first floor of the building so he can install a pilot system and perform a pilot SVE and ground water pump test. He spoke with Paul Bregianos who said the first floor would be completed after the steel was installed which should be this winter. (Sun) 03/23/07-Sun: On 03/23/07 Sun received the following email from Paul Stewart: We completed piping the soil vapor extraction and recovery well conduits to the western portion of the utility room and the concrete floor was installed. We are now awaiting installation of electric service to the utility room in order to perform a pilot SVE and pump test. I will notify you when the pilot tests are scheduled. (Sun) 10/19/07-Sun: On 10/18/07 Sun received the following email from Paul Stewart of ACT for the status of this projec We performed a pilot test of the soil vapor extraction system and a pump test on the recovery well last week and plan to have a pilot test report issued next week. The full scale remedial system should be installed before Thanksgiving . (Sun) 12/18/07-Sun: Sun received the following email from Paul Stewart of ACT, A pump test performed on the recovery well indicated that ground water could not be recovered at a flow rate that could contain the ground water plume. Therefore, we will rely upon two 15 Hp regenerative blowers to remediate soil and ground water in the 6 SVE wells installed beneath the site. A 5.5 Hp regenerative blower for a sub-slab depressurization system is also being installed as a precaution to protect building occupants. The remedial system is being delivered this week and will be installed and put into operation the first week of January, 2008. I will forward a startup report to you and the NYCDEP once the remedial system has been rendered operational. (Sun) 2/25/08-Sun: Sun received the following email from Paul Stewart of ACT, the consultant for the RP, The remedial system has been completely installed and is ready for full scale operation. We are waiting for the owner to provide us with an active telephone line to permit unattended operation. The telephone line should be installed within 10 days at which time the remedial system will be turned on. A Startup Report and an Operation, Maintenance and Monitoring Plan will be forwarded to your attention in approximately 2 weeks. A Closure Report will also be submitted to the NYCDEP with a copy to you. (Sun) 3/12/08-Sun: Sun visited the site to witness the start-up of the remedial system. (Sun) 4/2/08-Sun; Sun received the Remedial System Operation, Maintenance and Monitoring Plan (OMMP) from Paul Stewart of ACT, Inc. (Phone # 631-293-4992). (Sun) 4/11/08: Sun sent the following email to Paul

126 4TH AVENUE - MISC (Continued) **S118953804**

Stewart: Hi, Paul, While I was reviewing the Remedial System OMMP, submitted by you, dated April 1, 2008 for the above referenced site, I found the following documents are missing in the OMMP report: 1. Figure 1: Remedial System Layout 2. Figure 2: Treatment Room Equipment Layout 3. Table 1: Troubleshooting Guidance Table I also noticed that P&ID was not included in the OMMP. The P&ID is a very important document which shows all the equipment, and instrumentation and control. Please revise your OMMP to include P&ID. I have reviewed SVES Data Sheet and found one error on Item #12 (Contaminant). Based on 33 ft of Stack Height and 250 CFM of Air Flow Rate, the Permissible Air Output Concentration for Benzene is 0.02206 LBS/HR, NOT 0.00494 LBS/HR as indicated in your SVES Data Sheet. (Please note that 0.00494 LBS/HR is based on 15 ft of Stack Height). Please address the above comments and resubmit. (Sun) 4/22/08-Sun: Sun reviwed the Remedial System Operation, Maintenance and Monitoring Plan (OMMP), dated 3/31/08, submitted by RP's consultant, Advanced Cleanup Technologies, Inc. (ACT). The Department also reviewed the supplemental documents submitted by ACT on April 16, 2008, including Figure 1 through 3 and Table 1 which were missing in Reference 1 and a revised SVES Data Sheet indicating the correct Permissible Air Output Concentration for Benzene as 0.002206 LBS/HR. The Department approved the OMMP with the condition that a third Pressure gauge & sampling port be installed on inter-connection between two Vapor Carbon Filters. (Sun) 6/24/08-Sun: Sun received the following email from Paul Stewart of ACT, Operation, maintenance and monitoring of the remedial system is being performed on a monthly basis. A quarterly monitoring report will be prepared for submittal in August. (Sun) 8/1/2008 - Project reassigned to Feng. 1/21/2009 - Quarterly Monitoring Report, 4/2008 - 7/2008, 10/3/2008, by ACT. The site is occupied by a ten-story residential apartment building. A remdial program was started 3/12/2008 consisting of an active SVE and treatment system and an active sub-slab depressurization system and treatment system. There are 3 vacuum probes VP-1 to VP-3 for monitoring sub-slab vacuum monthly and Groundwater monitoring wells MW-01 and MW-03 for quarterly monitoring, are located in the cellar floor. Additional monitoring well RW-01 is located in the first floor treatment room. A circuit breaker malfunctioned on the B-200 SVE blower causing it to remain off since 5/30/2008. The two SVE manifolds were joined together. Increased pressure in the B-100 carbon units required the B-100 SVE blower to be shut down unitl the problem could be resolved. Average DTW 11.71 feet. 4 wells were sampled on 4/28/2008. BTEX range 600 ug/L in MW-01 to 9,842 ug/L in MW-02. MTBE range from 23.1 ug/L in MW-01 to 229 ug/L in MW-02. (RJF) 1/26/2009 - Letter to Paul Bregianos (Arc Electrical and Mechanical). DEC requires 1) explanation of the reason why groundwater treatment is missing, 2)surrounding map, 3) delineation work plan for offsite. Investigation work plan include addressing the above comments by 3/16/2009. (RJF) 10/1/2009 - Site Status Report for 2/2009 to 7/2009, dated 9/2/2009, by Advanced Cleanup Technology. On July 16, 2009, a low flow pump test was performed on RW-01. Groundwater recharge is relatively fast. On July 22, 2009, the configuration of the SSD and SVE piping was modified by connecting the casing to RW-01 and the influent piping from the SSD system to the influent piping for SVE Blower B-100. The modified configuration was operated for a few days when high room temp required shut down of the B-100 blower. The ball valves for the SSD piping were re-directed to the 5.5 Hp B-300 blower which was turned on. The B-100 blower was turned off until ambient

126 4TH AVENUE - MISC (Continued) **S118953804**

temp decrease this fall. DTW 13.53' in MW-02 to 14.05' in MW-01. DTW in RW-01 was 22.84'. Groundwater was sampled on 7/22/2009. BTEX range 177 ug/L in MW-01 to 7,200 ug/L in MW-03. MTBE range 15 ug/L in MW-01 to 76 ug/L in MW-03. Will continue monthly system operation, maintenance and monitoring and quarterly groundwater sampling. (RJF) 5/19/2010 - received inquiry regarding the two monitoring wells in front of the 355 Butler Street. The two wells were installed back in 5/2005, sampled once during installation, but no included in the quarterlys. 6/1/2010 - email to Paul Steward (ACT) for information on these two wells, and required site plan with all the wells, their monitoring data and contour map in the next quarterly. 11/4/10. Site Status Report was due in early September 2010. Breen 11/20/10. Sent e-mail to Paul Steward asking for status reports subsequent to 9-2-09. 06/28/2012 - V. Brevdo - Discussed project with Paul Stuart of ATC Environmental via telephone(Phone # 631-293-4992). Sent the following e-mail to Mr. Stuart: June 28, 2012 Dear Mr. Stuart: Thank you for discussing status of the project with me earlier today. It is my understanding that the project has undergone investigation, remediation and is currently in operations, maintenance and monitoring stage with groundwater monitoring ongoing. I also appreciate your thoughts regarding further course of action for the project. It is my understanding that you will be preparing a Project Status Update report and you intend to submit status update report to the Department for review within 30 days . You also agreed to e-mail me a synopsis /briefing describing main highlights of the project and its current status and accomplishments. We agreed that you and I will further evaluate whether current site conditions and remedial progress at this project may advance it into a spill closure status. In evaluation of spill closure potential I would like you to be cognizant of the main criteria which we, in the Division of Environmental Remediation, Region 2 office are looking at when making a spill closure decision. These spill closure criteria are as follows: free product must be removed, grossly contaminated soil with visible staining must be removed, source of contamination must be removed, concentrations of contaminants in soil and groundwater are either at the levels of cleanup guidance values or higher but within acceptable range to DEC, no migration of contaminant off site occurs, remaining contamination is contained, no threat of exposure to vapors from remaining contamination exists, and site poses no further threat to human health and environment. We also use engineering controls such as vapor barriers and SSDS system where necessary. Please note that it is DEC's strong preference that SSDS system remain in operation and be maintained and functioning as an engineering control after spill case is closed . The system must be monitored and maintained in accordance with the procedures set forth in the future Spill Closure Report (when DEC agrees that spill closure is appropriate), including all system equipment such as piping, fans, vacuum gauge and low vacuum visual alarm. Furthermore, the Department strongly recommends the performance of an annual inspection of the system and requires notification of significant operational and maintenance related issues. I look forward to receiving a project synopsis via e-mail as well as Project Status Update report. Please note that I need one hard copy and one electronic PDF copy on CD of all the submissions (except e-mails). Please contact me at 718-482-4928 or via e-mail if you have questions regarding this matter. Respectfully, Vadim Brevdo 01/11/2013 - V. Brevdo Left telephone voice mail to Paul Stuart, requested a return call to

126 4TH AVENUE - MISC (Continued) **S118953804**

discuss project's status. Paul Stuart returned call and said will submit report within a week. V. Brevdo 01/17/2013 - V. Brevdo E-mail from consultant, submitted spill closure request report dated January 17, 2013 with the following e-mail: Vadim, Attached please find an electronic copy of our report for the above-referenced property entitled Request for Spill Closure. Please contact me if you would like a CD or hard copy of our report or if you require further information concerning remedial activities at the subject property. Thank you for your assistance and cooperation in this matter. Regards, Paul P. Stewart, President Advanced Cleanup Technologies, Inc. 960 South Broadway, Suite 100 Hicksville, New York 11801 Phone: (516) 933-0655 x 12 Cell: (516) 840-8197 Fax: (516) 933-0659 Email: pauls@actenvirons.com 01/18/2013 - V. Brevdo Reviewed January 17, 2013 Spill Closure Report and spill closure request. The site consists of a ten-story residential apartment building surrounded by commercial and residential properties. The site was utilized as a gasoline service station from 1963 to 2000 which resulted in impacted soil and ground water beneath the site. Remedial activities have taken place at the site from 2005 through the current date. Petroleum storage facilities and impacted soil were removed from the site during construction of the existing building and below grade parking garage. Residual soil and ground water contamination have been remediated through the installation and operation of a pump and treat system, soil vapor extraction and sub-slab depressurization (SVE/SSD) system that has continually operated from March 2008 to date. Recent ground water quality data indicate that asymptotically low levels of petroleum constituents have been attained in ground water beneath the site. Advanced Cleanup Technologies, environmental engineering consultant for the responsible party, submitted January 17, 2013 remediation report and requested closure of spill case. SSD component of the remedial system will remain in operation as an engineering control to ensure that there is no threat of exposure to vapors from the remaining residual contamination. The Department reviewed remediation report, including analytical data for the site, and concluded that closure of the spill case is appropriate based on the following: 1) Free-phase product has not been identified at the site since underground storage tanks were removed and petroleum impacted soil was excavated during construction of the existing building. 2) All underground storage tanks and petroleum-impacted soil were removed and properly disposed of during site development as indicated in ACT s March 31, 2008 Closure Report. 3) A review of historical ground water quality data demonstrates an asymptotic improvement in water quality beneath the site. 4) Air beneath building remains under negative pressure due to the active SSD system and as a result no migration of vapors from remaining contaminants into the building will occur. 5) Tthe site poses no further threat to human health and the environment. Spill is closed effective January 18, 2013. Spill Closure Letter sent to Paul Stuart of ACT with the following e-mail: January 17, 2013 Dear Mr. Stuart: The Department reviewed Spill Closure Report and request for spill closure dated January 17, 2013. Based on the review of the report, investigative and remedial activities completed to date, analytical data presented in the report, and Conclusions/Recommendations section of the Report, the Department agree that the closure of this spill case is appropriate at this time. Therefore, spill case is closed effective January 17, 2013. Spill closure letter is attached for your file. It is my understanding that the SSD system will remain in operation at the

126 4TH AVENUE - MISC (Continued) **S118953804**

site as an engineering control to prevent possibility of exposure to potential vapors from remaining residual contamination beneath the site. If you have questions regarding this matter, please contact me. Respectfully, Vadim Brevdo "

Remarks: "PRODUCT LINE TEST - REMOTE DISCHARGE LINES LEAK RATE - 3"

All TTF:

Facility ID:	9505523
Spill Number:	9505523
Spill Tank Test:	1544053
Site ID:	261276
Tank Number:	Not reported
Tank Size:	0
Material:	0066A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	261276
Operable Unit ID:	1016424
Operable Unit:	01
Material ID:	363517
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AH266 **NORTHLAND MARKETING CORP** **RCRA NonGen / NLR** **1001482980**
NE **126 4TH AVE** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **ECHO**
0.202 mi.
1064 ft. **Site 3 of 4 in cluster AH**

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	NORTHLAND MARKETING CORP
Handler Address:	126 4TH AVE
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYU005001151
Contact Name:	Not reported
Contact Address:	LOMBARDY ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported

NORTHLAND MARKETING CORP (Continued) **1001482980**

Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: LOMBARDY ST
Mailing City,State,Zip: BROOKLYN, NY 11222
Owner Name: NON REGULATED
Owner Type: Private
Operator Name: NON REGULATED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported

NORTHLAND MARKETING CORP (Continued) **1001482980**

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 718-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 718-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NON REGULATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 718-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990304
Handler Name: NORTHLAND MARKETING CORP

NORTHLAND MARKETING CORP (Continued) **1001482980**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: NORTHLAND MARKETING CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NORTHLAND MARKETING CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

NORTHLAND MARKETING CORP (Continued) **1001482980**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990217
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MML
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004568744

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1001482980
Registry ID: 110004568744
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004568744
Name: NORTHLAND MARKETING CORP
Address: 126 4TH AVE

NORTHLAND MARKETING CORP (Continued) **1001482980**

City,State,Zip: BROOKLYN, NY 11217

AH267 **NORTHLAND MARKETING CORP.** **NY UST** **U000405457**
NE **126 FOURTH AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.202 mi.
1064 ft. **Site 4 of 4 in cluster AH**

Relative:
Higher

Actual:
29 ft.

UST:
Name: NORTHLAND MARKETING CORP.
Address: 126 FOURTH AVENUE
City,State,Zip: BROOKLYN, NY 11217
Id/Status: 2-402508 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 586092.46430
UTM Y: 4503786.14973
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 19283
Affiliation Type: Mail Contact
Company Name: GEORGE RIGAS
Contact Type: Not reported
Contact Name: Not reported
Address1: 26 DELAVAN STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 222-8162
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-02-24

Site Id: 19283
Affiliation Type: Facility Operator
Company Name: NORTHLAND MARKETING CORP.
Contact Type: Not reported
Contact Name: GEORGE RIGAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 222-8162
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-02-24

Site Id: 19283
Affiliation Type: Emergency Contact

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Company Name: PROSPECT EQUITIES LLC
Contact Type: Not reported
Contact Name: GEORGE RIGAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 222-8162
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-02-24

Site Id: 19283
Affiliation Type: Facility Owner
Company Name: PROSPECT EQUITIES LLC
Contact Type: AGENT FOR OWNER
Contact Name: MARK TUROFF
Address1: 56 DELEVAN ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 222-8162
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-02-24

Tank Info:

Tank Number: 001
Tank ID: 22686
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1977
Date Tank Closed: 10/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 08/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

NORTHLAND MARKETING CORP. (Continued) **U000405457**

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 22687
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1977
Date Tank Closed: 10/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 08/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None

Tank Number: 003
Tank ID: 22688
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1977
Date Tank Closed: 10/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 08/01/1995
Next Test Date: Not reported
Pipe Model: Not reported

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 22689
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 22690
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 006
Tank ID: 22691
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 007
Tank ID: 22692
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 008
Tank ID: 22693
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 22694
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 010
Tank ID: 22695
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 011

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Tank ID: 22696
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 012
Tank ID: 22697
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

NORTHLAND MARKETING CORP. (Continued) **U000405457**

D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 013
Tank ID: 22698
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 014
Tank ID: 22699
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground

NORTHLAND MARKETING CORP. (Continued) **U000405457**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 015
Tank ID: 22700
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 016
Tank ID: 22701
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 10/01/1963
Date Tank Closed: 08/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

NORTHLAND MARKETING CORP. (Continued) **U000405457**

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

AI268 **BAYSIDE FUEL OIL DEPOT CORP.** **NY MOSF** **S109826460**
WNW **510 SACKETT ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.202 mi.
1065 ft. **Site 2 of 9 in cluster AI**

Relative:
Lower

Actual:
10 ft.

MOSF:

Name:	BAYSIDE FUEL OIL DEPOT CORP.
Address:	510 SACKETT ST
City,State,Zip:	BROOKLYN, NY 11231
Facility ID:	2-1220
Program Type:	MOSF
Tank Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	585482.68052
UTMY:	4503750.50730

SPILLS:

Name:	510 SACKETT ST
Address:	510 SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9604267 / 1996-06-28
Facility ID:	9604267
Facility Type:	ER
DER Facility ID:	207605
Site ID:	66574
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	2401
Spill Date:	1996-06-28
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1996-06-28
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-06-28
Spill Record Last Update:	1996-07-02

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Spiller Name: Not reported
Spiller Company: BAYSIDE OIL CO
Spiller Address: 510 SACKETT ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "REPORTING PERSON WORKS FOR BAYSIDE OIL HE WAS ASK TO CLEAN UP MATERAL WHICH IS IN DRUMS AT LOCATION - DRUMS APPEARENTLY ARE LEAKING AND HE WOULD NOT CLEAN UP THE MATERAL DUE TO THE HAZARD HE CALLED DEPT OF ENVIRO. PROTECTION WHO INTERN CALLED US- ALONG WITH ABOVE MATERAL THERE IS ALSO LOOSE ASBESTOS ON SITE"

All Materials:
Site ID: 66574
Operable Unit ID: 1031916
Operable Unit: 01
Material ID: 350556
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 66574
Operable Unit ID: 1031916
Operable Unit: 01
Material ID: 350555
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: MANHOLE 56074
Address: 510 SACKETT STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0514992 / 2006-04-17
Facility ID: 0514992
Facility Type: ER
DER Facility ID: 207605
Site ID: 361851
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 2006-03-28
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 2006-03-30
CID: 41

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-03-30
Spill Record Last Update: 2006-06-12
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: Not reported
Contact Name: ERT DESK'
DEC Memo: "04/17/06 - See e-docs for Con Ed report detailing cleanup and closure. 04/17/06 - See e-docs for Con Ed report detailing cleanup and closure. 163561. see eDocs."
Remarks: "two quarts on 500 gallons water - ref 163561 - coming off 72 hour clock"

All Materials:
Site ID: 361851
Operable Unit ID: 1119964
Operable Unit: 01
Material ID: 2109432
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 510 SACKET ST/BKLYN
Address: 510 SACKETT STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9011319 / 1991-01-25
Facility ID: 9011319
Facility Type: ER
DER Facility ID: 207605
Site ID: 253424
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 2401
Spill Date: 1991-01-25
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1991-01-25
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Vessel
Spill Notifier: Other
Cleanup Ceased: 1991-01-25

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1991-02-08
Spill Record Last Update: 2003-07-29
Spiller Name: Not reported
Spiller Company: ECKLOFF MARINE
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE "
Remarks: "BARGE-GOWANUS TRADER LEAKING,NYCFD,USCG & DEC ON SITE,SPILL BOOMED OFF& SORBENTS BEING USED,PUMPING OUT COMPARTMENT OF BARGE,ECKL SPILL CREW CLEANED UP SPILL & OFFLOADED BARGE."

All Materials:
Site ID: 253424
Operable Unit ID: 951416
Operable Unit: 01
Material ID: 427869
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 510 SACKETT ST
Address: 510 SACKETT ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0902825 / 2012-02-06
Facility ID: 0902825
Facility Type: ER
DER Facility ID: 364035
Site ID: 414889
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2009-06-09
Investigator: LXZIELIN
Referred To: Not reported
Reported to Dept: 2009-06-09
CID: Not reported
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Remediation Phase: 0
Date Entered In Computer: 2009-06-09
Spill Record Last Update: 2012-02-06
Spiller Name: KATE BRUNNER
Spiller Company: UNKNOWN
Spiller Address: 510 SACKETT ST
Spiller Company: 999
Contact Name: KATE BRUNNER
DEC Memo: "02-06-12 - LZ The 01-25-12 semi-annual well gauging report (eDocs) and the 02-02-12 request for spill closure (eDocs) show that during two-year gauging of the five monitoring wells at the site no free product was detected except the March 2011 event (less than 0.01 foot in MW-4). Soil contamination was evaluated in the February 2010 revised Site Assessment Report and Remedial Action Plan. The spill case has been closed, and a spill closure letter sent to the facility owner. 04-28-11 - LZ The Annual Well Gauging Summary Report, dated March 18, 2011, prepared by AKRF, Inc. (eDocs) provides results of four quarterly rounds of well inspections. Five site monitoring wells were gauged for LNAPL; no LNAPL was observed in any of the wells in April, July, or October 2010. During both March gauging events, an immeasurable skim layer (less than 0.01 foot) of LNAPL was noted in MW-4. An oil-absorbent sock was placed across the water table in MW-4. AKRF will continue quarterly gauging in accordance with the Revised RAP. The next report to DEC will follow the March 2012 gauging. 09/29/10 - LZ The AKRF, Inc., report (eDocs), dated July 28. 2010, provides data from April and July gauging of monitoring wells. No free product was detected in any wells. Next report is due January 2011. 03/24/10 - LZ Reviewed the February 2010 revised Site Assessment Report (SAR) and Remedial Action Plan (RAP)(eDocs), prepared by AKRF, Inc. Approved the revised submittals and required that the gauging be performed for two years, and reports reflecting the results of it twice a year. NYSDEC may require that the site achieve more stringent SCOs than for industrial use if the site zoning is to be changed or development of the site is inevitable. 12/22/09 - LZ The November 5th revised RAP (eDocs) includes advancing of two additional borings and installation of two monitoring wells. Soil from these borings would be analyzed for the presence of VOCs ans SVOCs. On December 22th, AKRF performed two borings as provided in the revised RAP. A report summarizing December activities and soil analytical results will be submitted by January 31st. 10/23/09 - LZ I has reviewed the October 14, 2009, Remedial Action Plan (RAP), prepared by AKRF, Inc. The RAP proposes installation of a monitoring well in the area where significant contamination was discovered to monitor and remove encountered free-phase product. I disapproved the proposed RAP since it does not address adequately the visual and olfactory contamination detected in borings B-10, B-13, and B-14. A revised RAP should be submitted by November 27, 2009. 08/17/09 - LZ In her letter (eDocs) of June 15, 2009, Kathleen Brunner of AKRF asserts that a investigation report will be submitted by July 17, 2009. 08-11-9 - LZ DEC approved the site assessment report and in its August 11th letter (eDocs)required a remediation action plan be prepared and submitted by October 14, 2009. "
Remarks: "Field tests revealed soil contamination at the above sight. MOSF 2-1220 Case Manager name: Leszek Zielinski Stipulation agreement that is in place: R2-20081209-603"

All Materials:
Site ID: 414889

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Operable Unit ID: 1171261
Operable Unit: 01
Material ID: 2163053
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Name: BAYSIDE OIL TERMINAL
Address: 510 SACKETT STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9011318 / 1991-01-26
Facility ID: 9011318
Facility Type: ER
DER Facility ID: 207605
Site ID: 124793
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 2401
Spill Date: 1991-01-25
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1991-01-25
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Vessel
Spill Notifier: Federal Government
Cleanup Ceased: 1991-01-26
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1991-02-08
Spill Record Last Update: 2004-04-06
Spiller Name: Not reported
Spiller Company: TANK BARGE-GOWANUS TRADER
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "HOLE IN ONE OF THE COMPARTMENTS OF THE BARGE,HOLE BELOW WATERLINE, PRODUCT RELEASED IS APPROX 25GAL,BOOMS & SORBENT PADS ARE IN PLACE, LEAK STOPPED BY PUMPING OUT THE LEAKING COMPARTMENT."

All Materials:
Site ID: 124793
Operable Unit ID: 951415
Operable Unit: 01
Material ID: 427868
Material Code: 0001A
Material Name: #2 fuel oil

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: .00
Oxygenate: Not reported

AI269 **BAYSIDE FUEL OIL DEPOT CORP.** **NY MOSF UST** **S103275956**
WNW **510 SACKETT ST.** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.202 mi.
1065 ft. **Site 3 of 9 in cluster AI**

Relative: MOSF UST:
Lower
Actual:
10 ft.

Id/Status: 2-1220 / ACTIVE FACILITY
SWIS Code: 61
Facility Town: NEW YORK CITY
Contact Phone: (718) 625-5932
Emergency Contact: VINCENT ALLEGRETTI
Emergency Telephone: (718) 625-5932
CBS Number: Not reported
SPDES Num: Not reported
Total Tanks: 2
Total Capacity: 1501000
Avg Throughput: 60000
License Stat: 1
Facility Type: STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options: AC
Expiration Date: 03/31/2005
Applic Rcvd: 01/31/2000
Operator: VINCENT ALLEGRETTI
Owner Name: ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP.
Owner Address: 1776 SHORE PARKWAY
Owner City,St,Zip: BROOKLYN, NY 11214-
Owner Telephone: (718) 372-9800
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: First Owner
Mail To Name: BAYSIDE FUEL OIL DEPOT CORP.
Mail To Address: 1776 SHORE PARKWAY
Mail To Address 2: P.O. BOX 140128
Mail City,St,Zip: BROOKLYN, NY 11214-0002
Mail To Contact: ALFRED ALLEGRETTI
Mail To Telephone: (718) 372-9800
Legal Agent Name: ALFRED ALLEGRETTI
Legal Agent Address: 1776 SHORE PARKWAY
Legal Agent City,St,Zip: BROOKLYN, NY 11214-
Date Filed: 03/65
Latitude: 40|40|50
Longitude: 73|59|20

Tank ID: A-B-C
Tank Location: UNDERGROUND
Install Date: 12/47
Capacity (Gal): 1500000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S103275956**

Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: 13
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 13
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 20
Dispenser: Submersible
Test Date: 12/96
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 12/03/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2000
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/16/1999
Federal Id No: Not reported
COI Date: / /

Tank ID: BOILER TANK
Tank Location: UNDERGROUND
Install Date: 12/47
Capacity (Gal): 1000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: 13
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 13
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Dispenser: Suction
Test Date: 08/79
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 12/03/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2000
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/16/1999
Federal Id No: Not reported
COI Date: / /

AI270 **BAYSIDE FUEL OIL DEPOT CORP** **RCRA NonGen / NLR** **1000382088**
WNW **510 SACKETT ST** **HIST FTTS** **N/A**
1/8-1/4 **BROOKLYN, NY 11231** **FTTS**
0.202 mi. **NY MANIFEST**
1065 ft. **Site 4 of 9 in cluster AI** **NY SPDES**

Relative:
Lower

Actual:
10 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Handler Address: 510 SACKETT ST
Handler City,State,Zip: BROOKLYN, NY 11231-5020
EPA ID: NYD981872419
Contact Name: Not reported
Contact Address: SHORE PKWY
Contact City,State,Zip: BROOKLYN, NY 11214
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: SHORE PKWY
Mailing City,State,Zip: BROOKLYN, NY 11214
Owner Name: ALFRED ALLEGRETTI
Owner Type: Private
Operator Name: ALFRED ALLEGRETTI
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ALFRED ALLEGRETTI
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALFRED ALLEGRETTI
Legal Status: Private
Date Became Current: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALFRED ALLEGRETTI
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980406
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FTTS INSP:
Inspection Number: 2000062116786 5
Region: 02
Inspection Date: 06/21/00
Inspector: D. TAVERAS, AR
Violation occurred: No
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

HIST FTTS INSP:
Inspection Number: 2000062116786 5
Region: 02
Inspection Date: Not reported
Inspector: D. TAVERAS, AR
Violation occurred: No
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

NY MANIFEST:
Name: BAYSIDE FUEL OIL CO
Address: 510 SACKETT ST
City,State,Zip: BROOKLYN, NY 11231-5020

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

Country: USA
EPA ID: NYD981872419
Facility Status: Not reported
Location Address 1: 510 SACKETT ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11231
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981872419
Mailing Name: BAYSIDE FUEL OIL CO
Mailing Contact: BAYSIDE FUEL OIL CO
Mailing Address 1: 510 SACKETT STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2126255932

SPDES:

Name: SACKETT PLACE
Address: 510 SACKETT STREET
City,State,Zip: BROOKLYN, NY 11217
Permit Number: NYR11J448
State-Region: 2
Expiration Date: Not reported
Current Major Minor Status: Not reported
Primary Facility SIC Code: Not reported
State Water Body Name: Gowanus Canal
Limit Set Status Flag: Not reported
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: Not reported
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: Not reported

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Not reported
Non-Gov Facility Org Formal Name: Not reported
Non-Gov Facility Street Address: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

Non-Gov Facility Supplemental Location: Not reported
Non-Gov Facility City: Not reported
Non-Gov Facility State Code: Not reported
Non-Gov Facility Zip Code: Not reported
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

AJ271 **CON EDISON MANHOLE: 2577** **RCRA NonGen / NLR** **1016969177**
NNE **3RD AVE & BALTIC ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.202 mi.
1067 ft. **Site 1 of 4 in cluster AJ**

Relative: **Higher**

Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20140228
Handler Name: CON EDISON MANHOLE: 2577
Handler Address: 3RD AVE & BALTIC ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004428272
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No

CON EDISON MANHOLE: 2577 (Continued) **1016969177**

Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20141014
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20140128
Handler Name: CON EDISON MANHOLE: 2577
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

CON EDISON MANHOLE: 2577 (Continued) **1016969177**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140228
Handler Name: CON EDISON MANHOLE: 2577
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 3RD AVE & BALTIC ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004428272
Facility Status: Not reported
Location Address 1: W/INT 3RD AVE & BALTIC ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004428272
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

CON EDISON MANHOLE: 2577 (Continued) **1016969177**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	01/28/2014
Trans1 Recv Date:	01/28/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004428272
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002329846GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AG272 **CON EDISON** **NJ MANIFEST** **S120668296**
SSE **586 CARROL ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.203 mi.
1070 ft. **Site 4 of 9 in cluster AG**

Relative:
Higher

Actual:
34 ft.

NJ MANIFEST:
EPA Id: NYP004743068
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002563838GBF
EPA ID: NYP004743068
Date Shipped: 3/4/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

CON EDISON (Continued) **S120668296**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AG273 **CON EDISON** **NY MANIFEST** **S117741098**
SSE **586 CARROL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.203 mi.
1070 ft. **Site 5 of 9 in cluster AG**

Relative:
Higher

Actual:
34 ft.

NY MANIFEST:
Name: CON EDISON
Address: 586 CARROL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004743068
Facility Status: Not reported
Location Address 1: 589 CARROLL ST
Code: BP
Location Address 2: MH22637
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004743068
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/04/2015
Trans1 Recv Date: 03/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/12/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004743068
Trans1 EPA ID: Not reported

CON EDISON (Continued) **S117741098**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002563838GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AG274 **CON EDISON** **FINDS** **1018279483**
SSE **586 CARROL ST** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.203 mi.
1070 ft. **Site 6 of 9 in cluster AG**

Relative: **Higher**
Actual: **34 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20150304
Handler Name:	CON EDISON
Handler Address:	586 CARROL ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004743068
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

CON EDISON (Continued) **1018279483**

Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No

CON EDISON (Continued) **1018279483**

Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20150304
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150304
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067691297

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource

CON EDISON (Continued) **1018279483**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1018279483
Registry ID:	110067691297
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067691297
Name:	CON EDISON
Address:	586 CARROL ST
City,State,Zip:	BROOKLYN, NY 11215

AC275 **BALTIC RECYCLING CORP.** **NY SWF/LF** **S105841705**
North **524-26 BALTIC STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.204 mi.
1075 ft. **Site 5 of 8 in cluster AC**

Relative: **Lower**

Actual: **17 ft.**

SWF/LF:

Name:	BALTIC RECYCLING CORP.
Address:	524-26 BALTIC STREET
City,State,Zip:	BROOKLYN, NY 11217
Flag:	INACTIVE
Region Code:	2
Phone Number:	7186242459
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PAUL RUTIGLIANO; PRESIDENT
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T97]
Active:	No
East Coordinate:	585825
North Coordinate:	4503935
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	2-6103-00063
Authorization Date:	3/19/1997
Expiration Date:	3/19/2002
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AC276 **NYCDEP** **NY MANIFEST** **1009235614**
North **524 BALTIC ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.204 mi.
1075 ft. **Site 6 of 8 in cluster AC**

Relative: **Lower**
Actual: **17 ft.**

NY MANIFEST:

Name:	NYCDEP
Address:	524 BALTIC ST
City,State,Zip:	BROOKLYN, NY 11231
Country:	USA
EPA ID:	NYP003660834
Facility Status:	Not reported
Location Address 1:	524 BALTIC ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11231
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP003660834
Mailing Name:	NYCDEP
Mailing Contact:	STANLEY BALDWIN
Mailing Address 1:	524 BALTIC ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11231
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182743339

AC277 **NEVINS STREET SUBSTATION** **NY AST** **A100382396**
North **223 NEVINS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.207 mi.
1093 ft. **Site 7 of 8 in cluster AC**

Relative: **Lower**
Actual: **14 ft.**

AST:

Name:	NEVINS STREET SUBSTATION
Address:	223 NEVINS STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-611037
Program Type:	PBS
UTM X:	585721.86504
UTM Y:	4503913.05500
Expiration Date:	N/A
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	1
Tank Id:	227664
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated

NEVINS STREET SUBSTATION (Continued) **A100382396**

above grade or tank pad, allowing visual inspection.
Tank Type: Stainless Steel Alloy
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 8500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/15/2008
Register: True
Modified By: dxliving
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 2
Tank Id: 227665
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/16/2008
Register: True
Modified By: dxliving
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 3
Tank Id: 227666
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/16/2008
Register: True
Modified By: dxliving
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 4
Tank Id: 227667
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated

NEVINS STREET SUBSTATION (Continued) **A100382396**

above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/16/2008
Register: True
Modified By: dxliving
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 5
Tank Id: 227668
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/17/2008
Register: True
Modified By: dxliving
Last Modified: 04/14/2017
Material Name: Not reported

AC278 **CON EDISON** **RCRA NonGen / NLR** **1010326029**
North **223 NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.207 mi.
1093 ft. **Site 8 of 8 in cluster AC**

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 20060707
Actual: Handler Name: CON EDISON
14 ft. Handler Address: 223 NEVINS ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004138798
Contact Name: BERNARD PIERRE
Contact Address: 4 IRVING PL, RM 828
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2278
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

CON EDISON (Continued) **1010326029**

Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 4 IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported

CON EDISON (Continued) **1010326029**

Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Historic Generators:

Receive Date: 20060705
Handler Name: CON EDISON
Federal Waste Generator Description: Not reported
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060706
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060707
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1010326029**

Evaluation Action Summary:
Evaluations: No Evaluations Found

AG279 **CON EDISON** **FINDS** **1018279598**
SSE **590 CARROLL ST** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.209 mi.
1102 ft. **Site 7 of 9 in cluster AG**

Relative:
Higher

Actual:
36 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150305
Handler Name: CON EDISON
Handler Address: 590 CARROLL ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004744306
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

CON EDISON (Continued) **1018279598**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150305
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

CON EDISON (Continued) **1018279598**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150305
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 22638
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

CON EDISON (Continued) **1018279598**

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067693213

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1018279598
Registry ID: 110067693213
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067693213
Name: CON EDISON
Address: 590 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215

AG280 **CON EDISON** **NJ MANIFEST S120668406**
SSE **590 CARROLL ST** **NJ MANIFEST N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.209 mi.
1102 ft. **Site 8 of 9 in cluster AG**

Relative:
Higher

Actual:
36 ft.

NJ MANIFEST:
EPA Id: NYP004744306
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 014091025JJK

CON EDISON (Continued) **S120668406**

EPA ID: NYP004744306
Date Shipped: 3/5/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AG281 **CON EDISON** **NY MANIFEST** **S117741213**
SSE **590 CARROLL ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.209 mi.
1102 ft. **Site 9 of 9 in cluster AG**

Relative: **Higher**
Actual: **36 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 590 CARROLL ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004744306
Facility Status: Not reported
Location Address 1: 590 CARROLL ST
Code: BP
Location Address 2: Not reported

CON EDISON (Continued) **S117741213**

Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004744306
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/05/2015
Trans1 Recv Date: 03/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/06/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004744306
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014091025JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4000
Units: P - Pounds

CON EDISON (Continued) **S117741213**

Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AK282 **NYCDEP** **NY MANIFEST** **S106468634**
NW **210 DOUGLAS ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.209 mi.
1103 ft. **Site 1 of 15 in cluster AK**

Relative: **Lower**

Actual: **5 ft.**

SPILLS:

Name:	UNKNOWN FUEL OIL DEPOT
Address:	210 DOUGLAS ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0401107 / 2004-05-03
Facility ID:	0401107
Facility Type:	ER
DER Facility ID:	89849
Site ID:	101394
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	E6
SWIS:	2401
Spill Date:	2004-05-01
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2004-05-01
CID:	27
Water Affected:	GOWANUS CANAL
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-05-01
Spill Record Last Update:	2004-05-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 5/3/04 tipple responded as requested by USCG. Tar balls floating up from mass on bottom of canal. DEP also responded as requested by USCG because it was near thier outfall. The petroleum on the bottom of the canal is an old problem that apparently had been disturbed, tarballs were floating up from the bottom resulting in a

NYCDEP (Continued) **S106468634**

sheen. Barring the dredging of the canal, this will continue to be an occasional annoyance. "

Remarks: "Caller reports unknown amount of what is believed to be oil in the Gowanus Canal. Caller believes it is coming from the Unknown Fuel Depot at 210 Douglas Street. Coast Guard is enroute to the scene. No cleanup company has been contacted as of yet. "

All Materials:
Site ID: 101394
Operable Unit ID: 885251
Operable Unit: 01
Material ID: 492332
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

NY MANIFEST:
Name: NYCDEP
Address: 210 DOUGLAS ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP000884635
Facility Status: Not reported
Location Address 1: 210 DOUGLAS ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: 3025

NY MANIFEST:
EPAID: NYP000884635
Mailing Name: NYCDEP
Mailing Contact: N/S
Mailing Address 1: 40 WORTH ST-RM 1331
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10013
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2125664026

AK283 **GOWANUS CANAL** **PRP** **1010782149**
NNW **BUTLER ST (BETWEEN BOND ST AND NEVINS ST** **NPL** **N/A**
1/8-1/4 **BROOKLYN, NY 11231** **US INST CONTROLS**
0.210 mi. **US ENG CONTROLS**
1108 ft. **Site 2 of 15 in cluster AK** **FINDS**
ECHO
Relative: **SEMS**
Lower **ICIS**
Actual: **ROD**
0 ft.

Client Plot

NPL:

EPA Region:	2
EPA ID:	NYN000206222
Site ID:	206222
Name:	GOWANUS CANAL
Address:	BUTLER ST (BETWEEN BOND ST AND NEVINS ST
City,State,Zip:	BROOKLYN, NY 11231
Federal:	N
Final Date:	2010-03-04 00:00:00
Latitude:	40.681639
Longitude:	-73.987333
Site Score:	50
NAI:	Not reported
Native American Entity:	Not reported

SEMS:

Site ID:	0206222
EPA ID:	NYN000206222
Name:	GOWANUS CANAL
Address:	BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11231
Cong District:	07
FIPS Code:	36047
Latitude:	+40.681639
Longitude:	-73.987333
FF:	N
NPL:	Currently on the Final NPL
Non NPL Status:	Not reported

SEMS Detail:

Region:	02
Site ID:	0206222
EPA ID:	NYN000206222
Site Name:	GOWANUS CANAL
NPL:	F
FF:	N
OU:	01
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2013-09-30 05:00:00
Finish Date:	Not reported
Qual:	E
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206222

GOWANUS CANAL (Continued) **1010782149**

EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2008-01-10 05:00:00
Finish Date: 2008-01-10 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 2009-04-09 04:00:00
Finish Date: 2009-04-09 04:00:00
Qual: O
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 2010-03-04 05:00:00
Finish Date: 2010-03-04 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 2009-04-09 04:00:00
Finish Date: 2009-04-09 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

GOWANUS CANAL (Continued) **1010782149**

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 2013-09-27 05:00:00
Finish Date: 2013-09-27 05:00:00
Qual: R
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 2009-07-21 05:00:00
Finish Date: 2013-09-27 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 2012-05-11 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: TG
Action Name: TA GRANT
SEQ: 1
Start Date: 2012-09-14 05:00:00
Finish Date: Not reported

GOWANUS CANAL (Continued) **1010782149**

Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: TS
Action Name: TRTSTUDY
SEQ: 1
Start Date: 2014-09-30 05:00:00
Finish Date: 2015-06-10 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 1
Start Date: 2010-04-29 04:00:00
Finish Date: 2010-08-06 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 2
Start Date: 2010-04-29 04:00:00
Finish Date: 2010-08-06 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI

GOWANUS CANAL (Continued) **1010782149**

SEQ: 3
Start Date: 2010-04-29 04:00:00
Finish Date: 2010-08-06 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 4
Start Date: 2010-04-29 04:00:00
Finish Date: 2010-11-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 1
Start Date: 2013-09-26 05:00:00
Finish Date: 2015-03-16 04:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 3
Start Date: 2014-08-07 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N

GOWANUS CANAL (Continued) **1010782149**

OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 2
Start Date: 2014-06-11 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 00
Action Code: EE
Action Name: EE/CA
SEQ: 1
Start Date: 2016-04-14 05:00:00
Finish Date: 2016-06-09 04:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 2014-04-21 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 5
Start Date: 2017-11-17 05:00:00
Finish Date: 2018-08-14 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222

GOWANUS CANAL (Continued) **1010782149**

Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 8
Start Date: 2017-06-26 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 6
Start Date: 2017-03-27 05:00:00
Finish Date: 2019-08-14 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 7
Start Date: 2017-05-11 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 9
Start Date: 2018-05-24 04:00:00
Finish Date: 2021-09-23 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

GOWANUS CANAL (Continued) **1010782149**

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 11
Start Date: 2015-07-09 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 10
Start Date: 2018-09-27 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 12
Start Date: 2019-04-11 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 13
Start Date: 2019-08-23 05:00:00
Finish Date: 2020-09-14 05:00:00

GOWANUS CANAL (Continued) **1010782149**

Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 2
Start Date: 2020-07-21 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 14
Start Date: 2020-02-12 06:00:00
Finish Date: 2021-09-23 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 15
Start Date: 2020-02-21 06:00:00
Finish Date: 2021-09-23 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV

GOWANUS CANAL (Continued) **1010782149**

SEQ: 16
Start Date: 2020-04-09 05:00:00
Finish Date: 2021-09-23 05:00:00
Qual: S
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 17
Start Date: 2020-07-24 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 22
Start Date: 2021-07-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206222
EPA ID: NYN000206222
Site Name: GOWANUS CANAL
NPL: F
FF: N
OU: 01
Action Code: BB
Action Name: PRP RV
SEQ: 21
Start Date: 2021-05-17 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

SIte:
Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11231

GOWANUS CANAL (Continued) **1010782149**

Event Code: Not reported
Action Taken Date: 09/27/2013
EPA ID: NYN000206222
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Contaminated Media: Free-phase NAPL
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

Media:
EPA ID: NYN000206222
Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013

GOWANUS CANAL (Continued) **1010782149**

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013

GOWANUS CANAL (Continued) **1010782149**

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222

GOWANUS CANAL (Continued) **1010782149**

Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported

GOWANUS CANAL (Continued) **1010782149**

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL

GOWANUS CANAL (Continued) **1010782149**

Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Free-phase NAPL
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

EPA ID: NYN000206222
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/27/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

US INST CONTROLS:
Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYN000206222
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 09/27/2013
Contaminated Media: Free-phase NAPL
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL

GOWANUS CANAL (Continued) **1010782149**

Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYN000206222
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 09/27/2013
Contaminated Media: Sediment
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.681639
Longitude: -73.987333

ROD:
Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYN000206222
RG: 2
Site ID: 206222
Action: GOVT Decision Document (ROD)
Operable Unit Number: CANAL SEDIMENTS
SEQ ID: 1
Action Completion: 2013-09-27 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: 155 THIRD STREET, LLC
163 6TH STREET LLC
300 HUNTINGTON STREET LLC
3911 LEMMON AVENUE ASSOCIATES
420 CARROLL LLC
450 UNION LLC
539 SMITH STREET REALTY CORP
AMERADA HESS CORP.
AMERADA HESS CORP.
AMERADA HESS CORP.
BAYSIDE FUEL OIL DEPOT CORPORATION
BAYSIDE FUEL OIL DEPOT CORPORATION
BAYSIDE FUEL OIL DEPOT CORPORATION
BEAZER EAST INC
BEAZER EAST INC
BEAZER EAST INC

GOWANUS CANAL (Continued) **1010782149**

BEAZER EAST INC
BENSON METAL CORP
BRINK'S INC
BRINK'S INC

ICIS:
Enforcement Action ID: 02-2016-2003
FRS ID: 110033604197
Action Name: City of New York
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2015-2012
FRS ID: 110033604197
Action Name: Bayside Fuel Oil Corp. et al.
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: I00 - Overfill - None
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2015-2008
FRS ID: 110033604197
Action Name: Patterson Fuel Oil Co., Inc. (SB)
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122H
Facility SIC Code: Not reported

GOWANUS CANAL (Continued) **1010782149**

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2014-2019
FRS ID: 110033604197
Action Name: City of New York
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2014-2008
FRS ID: 110033604197
Action Name: LSG 365 Bond Street, LLC
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: Prospective Purchaser Agreement
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: PPA
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2014-2004
FRS ID: 110033604197
Action Name: LSG 363 Bond Street, LLC
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: Prospective Purchaser Agreement
Facility County: KINGS
Program System Acronym: ICIS

GOWANUS CANAL (Continued) **1010782149**

Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: PPA
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2014-2001
FRS ID: 110033604197
Action Name: Beam, Inc. et al.
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2013-2023
FRS ID: 110033604197
Action Name: Benson Metal Corp. et al.
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2022
FRS ID: 110033604197
Action Name: Joyce A. Kjellgren
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231

GOWANUS CANAL (Continued) **1010782149**

Enforcement Action Type: CERCLA 104E5A AO For Access And/Or Info
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 104E5A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2022
FRS ID: 110033604197
Action Name: Joyce A. Kjellgren
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 104E5A AO For Access And/Or Info
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 104E5A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2011
FRS ID: 110033604197
Action Name: City of New York
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2011
FRS ID: 110033604197
Action Name: City of New York

GOWANUS CANAL (Continued) **1010782149**

Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2009
FRS ID: 110033604197
Action Name: Brooklyn Union Gas Co. d/b/a National Grid NY
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2010-2009
FRS ID: 110033604197
Action Name: Brooklyn Union Gas Co. d/b/a National Grid NY
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.676033
Longitude in Decimal Degrees: -73.99698
Permit Type Desc: Not reported
Program System Acronym: 2200000435
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

GOWANUS CANAL (Continued) **1010782149**

Enforcement Action ID: 02-2009-0017
FRS ID: 110033604197
Action Name: Chemtura Corporation (NC)
Facility Name: GOWANUS CANAL
Facility Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231
Enforcement Action Type: Bankruptcy
Facility County: KINGS
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Judicial
EA Type Code: BNK
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.67893
Longitude in Decimal Degrees: -73.99422
Permit Type Desc: Not reported
Program System Acronym: NYN000206222
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL

GOWANUS CANAL (Continued) **1010782149**

Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST

GOWANUS CANAL (Continued) **1010782149**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110033604197

Click Here:

Environmental Interest/Information System:
SUPERFUND NPL
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

ECHO:
Envid: 1010782149
Registry ID: 110033604197

GOWANUS CANAL (Continued) **1010782149**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110033604197
Name: GOWANUS CANAL
Address: BUTLER ST (BETWEEN BOND ST AND NEVINS ST
City,State,Zip: BROOKLYN, NY 11231

284
ESE
1/8-1/4
0.211 mi.
1116 ft.

CON EDISON SERVICE BOX: 44232
726 SACKETT ST
BROOKLYN, NY 11217

RCRA NonGen / NLR **1016455304**
FINDS **N/A**
ECHO
NY MANIFEST

Relative:
Higher

Actual:
40 ft.

Client Plot

RCRA NonGen / NLR:
Date Form Received by Agency: 20130922
Handler Name: CON EDISON SERVICE BOX: 44232
Handler Address: 726 SACKETT ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004349585
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: VING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

CON EDISON SERVICE BOX: 44232 (Continued) **1016455304**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20131227
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130822
Handler Name: CON EDISON SERVICE BOX: 44232
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130922
Handler Name: CON EDISON SERVICE BOX: 44232
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No

CON EDISON SERVICE BOX: 44232 (Continued) **1016455304**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056500914

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016455304
Registry ID: 110056500914
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056500914
Name: CON EDISON SERVICE BOX: 44232
Address: 726 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: CON EDISON
Address: 726 SACKETT ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004349585
Facility Status: Not reported
Location Address 1: 726 SACKER ST
Code: BP
Location Address 2: SB 44232
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

CON EDISON SERVICE BOX: 44232 (Continued) **1016455304**

EPAID: NYP004349585
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 08/22/2013
Trans1 Recv Date: 08/22/2013
Trans2 Recv Date: 08/24/2013
TSD Site Recv Date: 08/24/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004349585
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002220121GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 40
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported

CON EDISON SERVICE BOX: 44232 (Continued) **1016455304**

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AJ285 **CON EDISON SERVICE BOX: 13273** **RCRA NonGen / NLR** **1016969173**
NNE **551 BALTIC ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.212 mi.
1117 ft. **Site 2 of 4 in cluster AJ**

Relative: **Higher**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20140228
Handler Name: CON EDISON SERVICE BOX: 13273
Handler Address: 551 BALTIC ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004428231
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

CON EDISON SERVICE BOX: 13273 (Continued) **1016969173**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20141014
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20140128
Handler Name: CON EDISON SERVICE BOX: 13273
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140228
Handler Name: CON EDISON SERVICE BOX: 13273
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No

CON EDISON SERVICE BOX: 13273 (Continued) **1016969173**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 551 BALTIC ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004428231
Facility Status: Not reported
Location Address 1: 551 BALTIC ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004428231
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/28/2014

CON EDISON SERVICE BOX: 13273 (Continued) **1016969173**

Trans1 Recv Date: 01/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/03/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004428231
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002329844GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AD286 **PETROLEUM TANK CLEANERS LTD.** **NY AST** **U003074578**
NNW **236 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.212 mi.
1118 ft. **Site 4 of 10 in cluster AD**

Relative: **Lower**
Actual: **9 ft.**

AST:
Name: PETROLEUM TANK CLEANERS LTD.
Address: 236 BUTLER STREET
City,State,Zip: BROOKLYN, NY 11217
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-399760
Program Type: PBS
UTM X: 585728.25106

PETROLEUM TANK CLEANERS LTD. (Continued) **U003074578**

UTM Y: 4503895.05707
Expiration Date: N/A
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 19050
Affiliation Type: Facility Operator
Company Name: PETROLEUM TANK CLEANERS LTD.
Contact Type: Not reported
Contact Name: ANTHONY P. LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-03-25

Site Id: 19050
Affiliation Type: Emergency Contact
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: ANTHONY P. LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2012-07-16

Site Id: 19050
Affiliation Type: Facility Owner
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 236 BUTLER ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-06-17

Site Id: 19050
Affiliation Type: Mail Contact

PETROLEUM TANK CLEANERS LTD. (Continued) **U003074578**

Company Name: PETROLEUM TANK CLEANERS
Contact Type: Not reported
Contact Name: BOB LAMIRATA
Address1: 236 BUTLER STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-2185
EMail: PTCIAM@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-12

Tank Info:

Tank Number: 005
Tank Id: 21665
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1985
Capacity Gallons: 7000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/09/2015
Register: True
Modified By: LXZIELIN
Last Modified: 01/09/2018
Material Name: other

Tank Number: 006
Tank Id: 244809
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

PETROLEUM TANK CLEANERS LTD. (Continued) **U003074578**

Equipment Records:
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1975
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/10/2015
Register: True
Modified By: HDDUPIGN
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 007
Tank Id: 244810
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
J00 - Dispenser - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/20/2006
Capacity Gallons: 275
Tightness Test Method: NN

PETROLEUM TANK CLEANERS LTD. (Continued) **U003074578**

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/12/2015
Register: True
Modified By: HDDUPIGN
Last Modified: 04/14/2017
Material Name: waste oil/used oil

Tank Number: 008
Tank Id: 244811
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/13/2011
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/17/2017
Register: True
Modified By: LXZIELIN
Last Modified: 02/12/2018
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 009
Tank Id: 244812
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

PETROLEUM TANK CLEANERS LTD. (Continued) **U003074578**

L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/13/2011
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/17/2017
Register: True
Modified By: LXZIELIN
Last Modified: 02/12/2018
Material Name: #2 fuel oil (on-site consumption)

AD287 **PETROLEUM TANK CLEANERS LTD** **RCRA NonGen / NLR** **1000367193**
NNW **236 BUTLER ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.212 mi.
1118 ft. **Site 5 of 10 in cluster AD**

Relative: **Lower**
Actual: **9 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20170525
Handler Name: PETROLEUM TANK CLEANERS LTD
Handler Address: 236 BUTLER ST
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYD020585733
Contact Name: ANTHONY LARA
Contact Address: BUTLER ST
Contact City,State,Zip: BROOKLYN, NY 11217
Contact Telephone: 718-624-4842
Contact Fax: 718-624-2668
Contact Email: PTLIAM@AOL.COM
Contact Title: PRESIDENT
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: BUTLER ST
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: 236 BULTER STREET CORP
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20170831
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: X001
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 236 BULTER STREET CORP
Legal Status: Private
Date Became Current: 20081204
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 236 BULTER STREET CORP
Legal Status: Private
Date Became Current: 20081204
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 236 BULTER STREET CORP
Legal Status: Private
Date Became Current: 20081204
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOUBLE L TANK CORP
Legal Status: Private
Date Became Current: 20110102
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: PETROLEUM TAMA CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: PETROLEUM TAMA CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20111004
Handler Name: PETROLEUM TANK CLEANERS LTD
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170525
Handler Name: PETROLEUM TANK CLEANERS LTD
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19840821
Handler Name: PETROLEUM TAMA CLEANERS
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110126
Handler Name: DOUBLE L TANK CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

List of NAICS Codes and Descriptions:
NAICS Code: 562119
NAICS Description: OTHER WASTE COLLECTION

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19870601
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

NY MANIFEST:
- Name: PETROLEUM TANK CLEANERS
- Address: 236 BUTLER ST
- City,State,Zip: BROOKLYN, NY 11217
- Country: USA
- EPA ID: NYD020585733
- Facility Status: Not reported
- Location Address 1: 236 BUTLER STREET
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN N.Y.C.
- Location State: NY
- Location Zip: 11217
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD020585733
- Mailing Name: PETROLEUM TANK CLEANERS
- Mailing Contact: CHARLES LARA
- Mailing Address 1: 236 BUTLER STREET
- Mailing Address 2: Not reported
- Mailing City: BROOKLYN
- Mailing State: NY
- Mailing Zip: 11217
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 7186246934

AD288 **PETROLEUM TANK CLEANERS LTD.** **NY UST** **U004064025**
NNW **236 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.212 mi.
1118 ft. **Site 6 of 10 in cluster AD**

Relative: **Lower**

Actual: **9 ft.**

UST:
- Name: PETROLEUM TANK CLEANERS LTD.
- Address: 236 BUTLER STREET
- City,State,Zip: BROOKLYN, NY 11217
- Id/Status: 2-399760 / Unregulated/Closed
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: N/A
- UTM X: 585728.25106
- UTM Y: 4503895.05707
- Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
- Site Id: 19050
- Affiliation Type: Facility Operator
- Company Name: PETROLEUM TANK CLEANERS LTD.
- Contact Type: Not reported
- Contact Name: ANTHONY P. LARA
- Address1: Not reported
- Address2: Not reported
- City: Not reported

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-03-25

Site Id: 19050
Affiliation Type: Emergency Contact
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: ANTHONY P. LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2012-07-16

Site Id: 19050
Affiliation Type: Facility Owner
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 236 BUTLER ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-06-17

Site Id: 19050
Affiliation Type: Mail Contact
Company Name: PETROLEUM TANK CLEANERS
Contact Type: Not reported
Contact Name: BOB LAMIRATA
Address1: 236 BUTLER STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-2185
EMail: PTCIAM@AOL.COM
Fax Number: Not reported

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Modified By: NRLOMBAR
Date Last Modified: 2014-08-12

Tank Info:

Tank Number: 001
Tank ID: 21661
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: 12/01/1984
Date Tank Closed: 07/01/2013
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 03
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 21662
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 11/16/1984
Date Tank Closed: 01/08/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 21
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 21663
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 11/16/1984
Date Tank Closed: 01/09/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 21
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner

Tank Number: 004
Tank ID: 21664
Tank Status: Administratively Closed
Material Name: Administratively Closed
Capacity Gallons: 20000

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Install Date: 11/16/1984
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping

AD289 **233 NEVINS STREET** **NY VCP** **S125316936**
NNW **236 BUTLER STREET** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.212 mi.
1118 ft. **Site 7 of 10 in cluster AD**

Relative: VCP NYC:
Lower
Actual: Project ID: 18TMP0853K,19CVCP007K
9 ft. Name: 233 NEVINS STREET
Address: 236 BUTLER STREET
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3.0041200063004099E+19
OER Program: VCP (Enrolled)
Phase: Closure
Latitude: 40.681521
Longitude: -73.985383
Postcode: 6
Community Board: 33
Council District: 127
Census Tract: 3006603
BIN: 3004120006
NTA: DUMBO-Vinegar Hill-Downtown Brooklyn-Boerum Hill

AA290 **CON EDISON** **NY MANIFEST** **S117740711**
SSE **22 GARFIELD ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.212 mi.
1119 ft. **Site 14 of 17 in cluster AA**

Relative:
Higher

Actual:
30 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	22 GARFIELD ST
City,State,Zip:	BROOKLYN, NY 11215
Country:	USA
EPA ID:	NYP004738910
Facility Status:	Not reported
Location Address 1:	22 GARFIELD PL
Code:	BP
Location Address 2:	SB 17870
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11215
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004738910
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/26/2015
Trans1 Recv Date:	02/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004738910
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002610324GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117740711**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AA291 **CON EDISON** **ECHO** **1018279093**
SSE **22 GARFIELD ST** **FINDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **RCRA NonGen / NLR**
0.212 mi.
1119 ft. **Site 15 of 17 in cluster AA**

Relative: **Higher**
Actual: **30 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20150226
Handler Name: CON EDISON
Handler Address: 22 GARFIELD ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004738910
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported

CON EDISON (Continued) **1018279093**

Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1018279093**

Historic Generators:
Receive Date: 20150226
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150226
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067685865

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1018279093
Registry ID: 110067685865
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067685865
Name: CON EDISON
Address: 22 GARFIELD ST

CON EDISON (Continued) **1018279093**

City,State,Zip: BROOKLYN, NY 11215

AA292 **CON EDISON** **NJ MANIFEST** **S120667931**
SSE **22 GARFIELD ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.212 mi.
1119 ft. **Site 16 of 17 in cluster AA**

Relative: **Higher**
Actual: **30 ft.**

NJ MANIFEST:
EPA Id: NYP004738910
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002610324GBF
EPA ID: NYP004738910
Date Shipped: 2/26/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported

CON EDISON (Continued) **S120667931**

Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AK293 **GOWANUS CANAL SITE** **NY SHWS** **S110487590**
NNW **GOWANUS CANAL** **N/A**
1/8-1/4 **BROOKLYN, NY, NY 11217**
0.212 mi.
1121 ft. **Site 3 of 15 in cluster AK**

Relative: **Lower**
Actual: **-1 ft.**
Client Plot

SHWS:
Name: GOWANUS CANAL SITE
Address: GOWANUS CANAL
City,State,Zip: BROOKLYN, NY, NY 11217
Program: HW
Site Code: 406956
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 20.000
HW Code: 224133
Record Add: 11/21/2008
Record Upd: 08/24/2021
Updated By: HMDUDEK
Site Description: "Site Description The Gowanus Canal is a man-made navigational waterway in southeastern Brooklyn, Kings County NY. Nearly the entire canal is bounded by hard urban shorelines in the form of bulkheads, moorings, and retaining walls. The site definition includes only the canal and its attached barge slips, totaling slightly over 1.5 linear miles of waterway. Averaging 100 feet in width, the open water area defined as the site totals approximately 1,000,000 square feet or 29 acres. The canal also serves as a storm water drain for the surrounding area. Currently, approximately six square miles of highly urbanized land drains into the canal. Sanitary sewers no longer discharge directly; however, numerous combined sewer overflows (CSO) continue to discharge to the canal during storm events. Industrial discharges from a wide variety of industrial processes were also historically routed to the canal, via private discharge pipes or the municipal sewers. Stagnant water conditions have plagued the canal since its initial construction. To combat this, a flushing tunnel at the north end of the canal was constructed in 1911 to divert water from the Buttermilk Channel to maintain flow through the canal to Gowanus Bay. Operation of the flushing system has had numerous problems resulting in lengthy periods during which it was inoperable. Significant upgrades to this system are scheduled over the next few years to increase the volume of water flushing the canal. Currently the flushing tunnel has been de-activated to facillitate its upgrade and an qxygenation system has been installed at the upper end of the canal. Site History Prior to European settlement, this area formed a large tidal marsh, drained by Gowanus Creek and surrounded by higher

GOWANUS CANAL SITE (Continued) **S110487590**

ground to the west (present-day Carroll Gardens) and east (present-day Park Slope). In the mid 1800s, the Canal was constructed, more or less along the alignment of Gowanus Creek, by straightening and deepening the stream channel and dumping the excavated materials behind rows of timber piles along the shoreline. Combined with other urban filling activities in the surrounding area, the result was a large area of reclaimed land with a dendritic, dead-end canal providing barge access through the middle. The canal offered barge access far inland into Brooklyn, effectively increasing Brooklyn s available tidewater frontage for water-borne commerce. Development of the area was rapid, and by 1869, the layout of the canal and the local street network were essentially complete. Long term decline of the local manufacturing economy has led to a marked decrease in commercial use of the Canal, with only a handful of petroleum distributors and concrete batch plants as regular users. Roughly the northern half no longer hosts barge movements as a result of siltation due to the significant CSOs which discharge street waste and sewage solids. The canal has not been dredged in several decades, consequently, substantial amounts of sediment have been deposited in upstream areas, and water depths approach zero at low tide. The sediment consists largely of solids settled from stormwater and CSO discharges. Presumably, industrial discharges to the canal have diminished in line with the de-industrialization of the surrounding neighborhood, although this is difficult to verify directly due to a lack of historical records for comparison. "

Env Problem: "Water quality issues have plagued the Gowanus Canal almost since its construction. Tidal flushing is largely ineffective due to the length, narrowness, and circuitous layout of the canal channel. Operation of the flushing tunnel has improved the situation during the years when flushing was being conducted; however, the current tunnel requires significant upgrades and is likely to be off-line for a year or more as the upgrades are performed. The canal is currently classified by NYSDEC as Class SD water body, acknowledging that natural or man-made conditions limit attainment of higher standards. Even the SD standards are not currently met. Oily sheens are o on the water surface during low tides, dissolved oxygen levels are low and surface contamination has been identified. Sediment quality is also low. Ongoing CSO discharges have resulted in extensive deposits of settled solids, particularly in the more sheltered areas near the upper end. Some parts of the canal bottom are exposed at low tide. Another particularly important contributor to sediment quality problems is the presence of three former manufactured gas plant (MGP sites) along the length of the canal. Although all three MGPs have been closed for decades, coal tar-impacted sediments have been identified at numerous locations along the length of the canal. The three MGPs are all covered by cleanup agreements with NYSDEC, and are at various stages of investigation,remedy selection and implementation. The Fulton Works, immediately east of the canal at its northern extremity, is in the Remedial Investigation process. The Carroll Gardens site (also widely known as Public Place) is in the Brownfield Cleanup Program, and is slated for remediation and redevelopment as a mixed commercial/residential project. The former Metropolitan works, immediately south of the 9th Street bridge, was partially redeveloped under a Voluntary Cleanup Agreement in 2002-2003. However, more work remains to be done part of the MGP facility lies beneath an active retail building. A Remedial Investigation began in March 2010. Numerous oil storage and handling

GOWANUS CANAL SITE (Continued) **S110487590**

facilities, asphalt plants,manufacturing facilities and chemical, paint, fertilizer and plastic manufacturers have, or continue to, operate along the canal."

Health Problem: "People using the canal for recreational purposes such as swimming and boating may come into direct contact with chemical contaminants and harmful biological organisms. People should avoid any activity that would result in swallowing or accidentally ingesting Canal water. Additionally, people using the canal for any purposes should wash their hands or shower after contacting the water, especially before eating and at the end of the day. Those people who are considering eating fish and shellfish caught in the Canal should follow the NYSDOH consumption advisory for fish and shellfish taken from the Upper Bay of New York Harbor. This advisory specifically includes: The NYSDOH recommends that women of childbearing age and children under the age of 15 not eat any fish from the Canal. Other people should eat no gizzard shad, white perch and crab hepatopancreas and crab cooking liquid. Also, other people should eat no more than one meal per month of American eel, Atlantic needlefish, bluefish, rainbow smelt and striped bass. People should eat no more than one (1/2 pound) meal per week of all other fish species except blue crab meat (six crabs per week). "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: True
Disp Start: 1880
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-11-25 13:09:00
Record Upd: 2016-02-05 09:22:00
Updated By: KALEWAND
Own Op: 1
Sub Type: 01
Owner Name: Not reported
Owner Company: NYC Law Department
Owner Address: 100 Church Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10007
Owner Country: United States of America
HW Code: 224133
Waste Type: PCB aroclor 1242
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: PCB-AROCLOR 1242
Waste Quantity: UNKNOWN
Waste Code: Not reported

GOWANUS CANAL SITE (Continued) **S110487590**

HW Code:	224133
Waste Type:	COAL TAR PITCH VOLATILES
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224133
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYN000206222
Cross Ref Type Code:	05
Cross Ref Type:	CERCLA EPA ID No.
Record Added Date:	2013-06-13 14:54:00
Record Updated:	2013-06-13 14:54:00
Updated By:	EGHAUSAM

AF294 **CON EDISON - SERVICE BOX 13615** **NY MANIFEST** **S120958921**
East **385 DOUGLASS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.213 mi.
1124 ft. **Site 3 of 3 in cluster AF**

Relative:
Higher

Actual:
34 ft.

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 13615
Address:	385 DOUGLASS ST
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004975775
Facility Status:	Not reported
Location Address 1:	385 DOUGLASS ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004975775
Mailing Name:	CON EDISON - SERVICE BOX 13615
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

AE295 **MAACO AUTO PAINTING & BODYWORKS INC** **FINDS** **1000457406**
South **296 4TH AVE & 1ST ST** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **ECHO**
0.214 mi. **NY MANIFEST**
1128 ft. **Site 3 of 3 in cluster AE**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: MAACO AUTO PAINTING & BODYWORKS INC
Handler Address: 296 4TH AVE & 1ST ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYD986925642
Contact Name: Not reported
Contact Address: 4TH AVE & 1ST ST
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 4TH AVE & 1ST ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: VINCENT NICASTRO
Owner Type: Private
Operator Name: VINCENT NICASTRO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

MAACO AUTO PAINTING & BODYWORKS INC (Continued) **1000457406**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

MAACO AUTO PAINTING & BODYWORKS INC (Continued) **1000457406**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: VINCENT NICASTRO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VINCENT NICASTRO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VINCENT NICASTRO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: MAACO AUTO PAINTING & BODYWORKS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MAACO AUTO PAINTING & BODYWORKS INC

MAACO AUTO PAINTING & BODYWORKS INC (Continued) **1000457406**

Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MAACO AUTO PAINTING & BODYWORKS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19901004
Handler Name: MAACO AUTO PAINTING & BODYWORKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

MAACO AUTO PAINTING & BODYWORKS INC (Continued) **1000457406**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19980920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110008043900

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000457406
Registry ID: 110008043900
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008043900
Name: MAACO AUTO PAINTING & BODYWORKS INC
Address: 296 4TH AVE & 1ST ST

MAACO AUTO PAINTING & BODYWORKS INC (Continued) **1000457406**

City,State,Zip: BROOKLYN, NY 11215

NY MANIFEST:
Name: MAACO AUTO PAINTING & BODYWORKS INC
Address: 296 4TH AVE & 1ST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYD986925642
Facility Status: Not reported
Location Address 1: 296 4TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986925642
Mailing Name: MAACO AUTO PAINTING & BODYWORKS INC
Mailing Contact: VINCENT NICASTRO
Mailing Address 1: 296 4TH AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7188525505

AD296 **234 BUTLER STREET** **NY BROWNFIELDS** **S121102082**
NNW **234 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.214 mi.
1129 ft. **Site 8 of 10 in cluster AD**

Relative: **Lower**
Actual: **9 ft.**

BROWNFIELDS:
Name: 234 BUTLER STREET
Address: 234 BUTLER STREET
City,State,Zip: BROOKLYN, NY 11217
Program: BCP
Site Code: 550328
Acres: 1.190
HW Code: C224261
SWIS: 2401
Town: New York City
Record Added Date: 06/05/2017
Record Updated Date: 03/06/2020
Update By: DJEATON
Site Description: "BCP Denial letter sent on 9/19/17. Location The site is located at 234 Butler Street in the Gowanus neighborhood of Brooklyn, New York (Kings County) and is denoted on the New York City Tax Map as Block 411, Lot 24. Alternative addresses for the site include 226 Nevins Street and 228 240 Nevins Street. The site is located in an urban environment. Site Features The site occupies an area of about 52,000 square feet and consists of a two-story, brick and concrete masonry

234 BUTLER STREET (Continued) **S121102082**

commercial building and adjoining one-story warehouse building along Butler Street, a brick and concrete masonry maintenance building containing eight contiguous vehicle garages along Nevins Street, and an exterior, concrete-paved parking and storage lot for sanitation trucks. According to a 1956 USGS Brooklyn N.Y Quadrangle 7.5-minute Series Topographic Map, the site sits at an elevation of about 12 feet above mean sea level (msl). The topography of the site is generally flat, and the surrounding area slopes to the west towards the Gowanus Canal, which adjoins the site to the southwest. The site is located on the northeastern portion of the city block bound by Butler Street to the north; Nevins Street to the east; Block 418, Lot 1, followed by DeGraw Street to the south; and Block 411, Lot 14 and the Gowanus Canal, followed by Bond Street to the west. Current Zoning and Land Use According to the New York City Planning Commission Zoning Map 16c, the site is located within a M2-1 manufacturing district. M2 districts occupy the middle ground between light and heavy industrial areas. The district has a maximum floor area ratio (FAR) of 2.0. The Department of City Planning is in the process of rezoning the Gowanus neighborhood to allow for more residential development; therefore, a mixed-use commercial and residential project is anticipated to be built at the site. The project will be consistent with the goals of the City Council as embodied in the NYC zoning districts. The New York City Depa Finance classifies the site buildings as G-1 garage/gas station site has been owned by 226 Nevins Street Corp. since 1978. Past Use of the Site The following historical site usage may have led to site contamination: ? -City pipe yard (1904); ? -NYC water supply, gas and electricity department repair companies (1945 to 1949); ? -McNally Trucking Corp. (1969); ? -Truck and automotive maintenance Inc. (1976); ? -Sanitation Repairs (1976 to the present); ? -Truck parking and motor freight station (1977 to 1988); ? -Diesel Corp. (1985 to 1992); and ? -Truck parking and sanitation truck repair (1991 to 2007) Site Geology and Hydrogeology The site is located in a developed area of Brooklyn, New York that is generally covered with paved roads, walkways and buildings. The built environment is generally underlain by fill material used for construction and development since the mid-1800 s. The following description of the proposed brownfield site geology and hydrogeology is derived from the environmental reports referenced in the Environmental Assessment section below. The area surrounding the Gowanus Canal, including the proposed brownfield site, was originally part of the former Gowanus Creek and associated wetlands. In 1848, the State of New York authorized construction of the Gowanus Canal as well as the draining and filling of the wetlands of South Brooklyn. By 1869, the Gowanus Canal was completed with the current street configuration surrounding the canal. According to soil descriptions provided in previous environmental investigations (discussed in Attachment C), the subsurface strata at the proposed brownfield site consists of historic fill material characterized by fine to coarse sand with varying amounts of cobbles, gravel, coal ash, brick, wood, clinkers, glass and paper ranging from directly below the surface to depths of 8 to 20 feet. The fill layer is underlain by silt and sand with trace amounts of gravel. Weathered bedrock was encountered at about 151 feet below ground surface (bgs) and bedrock (Fordham Gneiss encountered at about 159 feet bgs. According to the Fulton Municipal Works Former Manufactured Gas Plant (MGP) remediation investigation, groundwater depths range from about 5.65 to 7.05 feet bgs.

234 BUTLER STREET (Continued) **S121102082**

Groundwater elevation measurements recorded from monitoring wells in the area indicate that the shallow groundwater, on the east side of the Canal, generally flows westward toward the Gowanus Canal at high and low tide levels. Groundwater in this area of New York City is not used as a potable water source. Potable water is provided to the site by the City of New York and is derived from surface impoundments in the Croton, Catskill, and Delaware watersheds."

Env Problem: "US Environmental Protection Agency (EPA) has determined that the property is part of the Gowanus Canal Superfund Site that is listed on the National Priorities List. Additionally, under ECL 27-1405(2)(e), there is currently an EPA environmental enforcement action related to contamination at the property, therefore the site was denied entry to the NYS BCP."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Pacific Branch
Owner Address: 25 4th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11217
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Salvatore Tagliavia
Owner Company: 226 Nevins Street Corp.
Owner Address: 234 Butler Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11217
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Salvatore Tagliavia
Owner Company: 226 Nevins Street Corp.
Owner Address: 234 Butler Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11217
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Gary Reilly
Owner Company: Brooklyn Community Board 6
Owner Address: 250 Baltic Street

234 BUTLER STREET (Continued) **S121102082**

Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AD297 **SANITATION REPAIRS, INC.** **NY AST** **A100295943**
NNW **234 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.214 mi.
1129 ft. **Site 9 of 10 in cluster AD**

Relative: **Lower**
Actual: **9 ft.**

AST:

Name:	SANITATION REPAIRS, INC.
Address:	234 BUTLER STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609478
Program Type:	PBS
UTM X:	585660.02994
UTM Y:	4503928.99487
Expiration Date:	03/17/2024
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	55490
Affiliation Type:	Facility Owner
Company Name:	226 NEVINS ST. CORP.
Contact Type:	PRESIDENT
Contact Name:	SALVATORE TAGLIAVIA
Address1:	234 BUTLER STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 855-6615
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2014-02-19

Site Id:	55490
Affiliation Type:	Mail Contact
Company Name:	SANITATION REPAIRS, INC.
Contact Type:	Not reported
Contact Name:	SALVATORE TAGLIAVIA
Address1:	234 BUTLER STREET

SANITATION REPAIRS, INC. (Continued) **A100295943**

Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 855-6615
EMail: SANITATIONREPAIR@AOL.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2014-02-19

Site Id: 55490
Affiliation Type: Facility Operator
Company Name: SANITATION REPAIRS, INC.
Contact Type: Not reported
Contact Name: SALVATORE TAGLIAVIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-6615
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-12-11

Site Id: 55490
Affiliation Type: Emergency Contact
Company Name: 226 NEVINS ST. CORP.
Contact Type: Not reported
Contact Name: SALVATORE TAGLIAVIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 689-4088
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-12-11

Tank Info:

Tank Number: #1
Tank Id: 178260
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin

SANITATION REPAIRS, INC. (Continued) **A100295943**

L09 - Piping Leak Detection - Exempt Suction Piping
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)
B05 - Tank External Protection - Jacketed
E01 - Piping Secondary Containment - Diking (AG only)
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 550
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 12/11/2018
Material Name: lube oil

Tank Number: #2
Tank Id: 178261
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 275
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI

SANITATION REPAIRS, INC. (Continued) **A100295943**

Last Modified: 12/11/2018
Material Name: waste oil/used oil

Tank Number: #3
Tank Id: 178262
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 275
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 12/11/2018
Material Name: waste oil/used oil

AA298 **CON EDISON - SERVICE BOX 38701** **NY MANIFEST** **S120958944**
SSE **255 1ST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.215 mi.
1133 ft. **Site 17 of 17 in cluster AA**

Relative: **Higher**
Actual: **28 ft.**

NY MANIFEST:
Name: CON EDISON - SERVICE BOX 38701
Address: 255 1ST ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004977890
Facility Status: Not reported
Location Address 1: 255 1ST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY

CON EDISON - SERVICE BOX 38701 (Continued) **S120958944**

Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004977890
Mailing Name: CON EDISON - SERVICE BOX 38701
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

AL299 **P.S. 133** **NY AST** **A100521198**
ENE **375 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.216 mi.
1140 ft. **Site 1 of 4 in cluster AL**

Relative:
Higher

Actual:
31 ft.

AST:
Name: P.S. 133
Address: 375 BUTLER STREET
City,State,Zip: BROOKLYN, NY 11217
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-604210
Program Type: PBS
UTM X: 586121.02001
UTM Y: 4503731.63041
Expiration Date: N/A
Site Type: School

Affiliation Records:
Site Id: 26090
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: JAMES A. MERLO
Address1: 44-36 VERNON BLVD.
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2007-04-04

Site Id: 26090
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported

P.S. 133 (Continued) **A100521198**

Contact Name: JAMES A. MERLO
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BLVD.
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: JMERLO@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2007-01-03

Site Id: 26090
Affiliation Type: Emergency Contact
Company Name: NYC DEPARMENT OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 935-3300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-06-24

Site Id: 26090
Affiliation Type: Facility Operator
Company Name: P.S. 133
Contact Type: Not reported
Contact Name: PLANT OPERATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 56981
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
C01 - Pipe Location - Aboveground

P.S. 133 (Continued) **A100521198**

F05 - Pipe External Protection - Jacketed
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H99 - Tank Leak Detection - Other

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1999
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/28/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AL300 **PUBLIC SCHOOL 133 - BROOKLYN (K133)** **NY AST** **A100521205**
ENE **375 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.216 mi.
1140 ft. **Site 2 of 4 in cluster AL**

Relative: **Higher**
Actual: **31 ft.**

AST:

Name:	PUBLIC SCHOOL 133 - BROOKLYN (K133)
Address:	375 BUTLER STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-604353
Program Type:	PBS
UTM X:	586167.76452
UTM Y:	4503684.52595
Expiration Date:	N/A
Site Type:	School

Affiliation Records:

Site Id:	26228
Affiliation Type:	Facility Operator
Company Name:	PUBLIC SCHOOL 133 - BROOKLYN (K133)
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400

PUBLIC SCHOOL 133 - BROOKLYN (K133) (Continued) **A100521205**

EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-01-26

Site Id: 26228
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: RAYMOND CORREA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: RCORREA5@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-06-03

Site Id: 26228
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 412-8454
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-06-24

Site Id: 26228
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 935-3300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2012-02-07

PUBLIC SCHOOL 133 - BROOKLYN (K133) (Continued) **A100521205**

Tank Info:

Tank Number:	001
Tank Id:	57438
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	09/01/1999
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/30/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

AM301 **450 UNION LLC** **NJ MANIFEST** **S122377595**
WNW **450 UNION ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.216 mi.
1142 ft. **Site 1 of 6 in cluster AM**

Relative: **Lower**
Actual: **10 ft.**

NJ MANIFEST:

EPA Id:	NYD001263136
Mail Address:	GLENVILLE ST 1ST FL
Mail City/State/Zip:	GREENWICH, CT 06831
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	MATTHEW HORRIGAN
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported

450 UNION LLC (Continued) **S122377595**

TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 000097383JJK
EPA ID: NYD001263136
Date Shipped: 2/22/2017
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD146714878
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: GREENWICH, CT 06831
Reason Load Was Rejected: Not reported

Manifest Number: 000097384JJK
EPA ID: NYD001263136
Date Shipped: 2/22/2017
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD146714878
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

450 UNION LLC (Continued) **S122377595**

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: GREENWICH, CT 06831
Reason Load Was Rejected: Not reported

AM302 **450 UNION STREET** **NY INST CONTROL** **S117936660**
WNW **450 UNION STREET** **NY ENG CONTROLS** **N/A**
1/8-1/4 **BROOKLYN, NY 11231** **NY BROWNFIELDS**
0.216 mi.
1142 ft. **Site 2 of 6 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ENG CONTROLS:
Name: 450 UNION STREET
Address: 450 UNION STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 507633
HW Code: C224219
Control Code: 15
Control Type: ENG
Date Record Added: 09/10/2020
Date Rec Updated: 05/04/2021
Updated By: JHOCONNE
Site Description: "Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current

450 UNION STREET (Continued) **S117936660**

Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-05-08 14:42:00
Record Upd: 2020-10-07 17:11:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: 06
Owner Name: Robert Rieger
Owner Company: 450 Union LLC
Owner Address: 10 GLENVILLE STREET, SUITE 1
Owner Addr2: Not reported
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Rieger
Owner Company: 450 Union LLC
Owner Address: c/o Pilot Real Estate Group LLC
Owner Addr2: 10 Glenville Street, Suite 1
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Carroll Gardens Branch Library

450 UNION STREET (Continued) **S117936660**

Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00

450 UNION STREET (Continued) **S117936660**

Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO
Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
HW Code:	C224219
Control Code:	18
Control Type:	ENG
Date Record Added:	09/10/2020
Date Rec Updated:	05/04/2021
Updated By:	JHOCONNE
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

450 UNION STREET (Continued) **S117936660**

Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN

450 UNION STREET (Continued) **S117936660**

Waste Code: Not reported
HW Code: C224219
Waste Type: naphthalene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: coal tar
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-611519
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2020-07-31 07:57:00
Record Updated: 2020-07-31 07:57:00
Updated By: LXZIELIN
Crossref ID: C224219-06-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2020-09-10 17:15:00
Record Updated: 2020-09-10 17:15:00
Updated By: NNCRAWFO
Crossref ID: 2020000271467
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2020-10-06 18:03:00
Record Updated: 2020-10-06 18:03:00
Updated By: NNCRAWFO

INST CONTROL:
Name: 450 UNION STREET
Address: 450 UNION STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 507633
Control Name: IC/EC Plan
HW Code: C224219
Control Code: 34
Control Type: INST

450 UNION STREET (Continued) **S117936660**

Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported

450 UNION STREET (Continued) **S117936660**

Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Rieger
Owner Company: 450 Union LLC
Owner Address: c/o Pilot Real Estate Group LLC
Owner Addr2: 10 Glenville Street, Suite 1
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Carroll Gardens Branch Library
Owner Address: 396 Clinton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 6
Owner Address: 250 Baltic Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: c/o Robert Reiger
Owner Company: 450 Union Developer LLC
Owner Address: 10 Glenville Street
Owner Addr2: Suite 1
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
HW Code: C224219
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: naphthalene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: coal tar
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: chrysene
Waste Quantity: UNKNOWN

450 UNION STREET (Continued) **S117936660**

Waste Code: Not reported
HW Code: C224219
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224219
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-611519
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2020-07-31 07:57:00
Record Updated: 2020-07-31 07:57:00
Updated By: LXZIELIN
Crossref ID: C224219-06-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2020-09-10 17:15:00
Record Updated: 2020-09-10 17:15:00
Updated By: NNCRAWFO
Crossref ID: 2020000271467
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2020-10-06 18:03:00
Record Updated: 2020-10-06 18:03:00
Updated By: NNCRAWFO

Name: 450 UNION STREET
Address: 450 UNION STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 507633
Control Name: O&M Plan
HW Code: C224219
Control Code: 33
Control Type: INST
Dt record added: 09/10/2020
Dt rec updated: 05/04/2021
Updated By: JHOCONNE
Site Code: 507633
Site Description: "Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology:

450 UNION STREET (Continued) **S117936660**

The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "

Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported

450 UNION STREET (Continued) **S117936660**

Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO

450 UNION STREET (Continued) **S117936660**

Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO
Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
Control Name:	Site Management Plan
HW Code:	C224219
Control Code:	32
Control Type:	INST
Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False

450 UNION STREET (Continued) **S117936660**

Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

450 UNION STREET (Continued) **S117936660**

HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO
Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
Control Name:	Monitoring Plan
HW Code:	C224219
Control Code:	31
Control Type:	INST
Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus

450 UNION STREET (Continued) **S117936660**

neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "

Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC

450 UNION STREET (Continued) **S117936660**

Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219

450 UNION STREET (Continued) **S117936660**

Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO

Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
Control Name:	Landuse Restriction
HW Code:	C224219
Control Code:	25
Control Type:	INST
Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay

450 UNION STREET (Continued) **S117936660**

	and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6

450 UNION STREET (Continued) **S117936660**

Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	I00 - Overfill - None
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO

450 UNION STREET (Continued) **S117936660**

Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
Control Name:	Ground Water Use Restriction
HW Code:	C224219
Control Code:	08
Control Type:	INST
Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00

450 UNION STREET (Continued) **S117936660**

Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN

450 UNION STREET (Continued) **S117936660**

Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO

Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	507633
Control Name:	Environmental Easement
HW Code:	C224219
Control Code:	J
Control Type:	INST
Dt record added:	09/10/2020
Dt rec updated:	05/04/2021
Updated By:	JHOCONNE
Site Code:	507633
Site Description:	"Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the

450 UNION STREET (Continued) **S117936660**

property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "

Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-05-08 14:42:00
Record Upd:	2020-10-07 17:11:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	10 GLENVILLE STREET, SUITE 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Rieger
Owner Company:	450 Union LLC
Owner Address:	c/o Pilot Real Estate Group LLC
Owner Addr2:	10 Glenville Street, Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported

450 UNION STREET (Continued) **S117936660**

Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o Robert Reiger
Owner Company:	450 Union Developer LLC
Owner Address:	10 Glenville Street
Owner Addr2:	Suite 1
Owner City,St,Zip:	Greenwich, CT 06831
Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00

450 UNION STREET (Continued) **S117936660**

Record Updated: 2020-07-31 07:57:00
Updated By: LXZIELIN
Crossref ID: C224219-06-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2020-09-10 17:15:00
Record Updated: 2020-09-10 17:15:00
Updated By: NNCRAWFO
Crossref ID: 2020000271467
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2020-10-06 18:03:00
Record Updated: 2020-10-06 18:03:00
Updated By: NNCRAWFO

BROWNFIELDS:
Name: 450 UNION STREET
Address: 450 UNION STREET
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 507633
Acres: 0.654
HW Code: C224219
SWIS: 2401
Town: New York City
Record Added Date: 05/08/2015
Record Updated Date: 12/30/2020
Update By: AMSERVIS
Site Description: "Location: The site is approximately 0.65 acres in size and is located in an urban area at 450 Union Street in the Gowanus neighborhood of Brooklyn, New York. The site is bounded by Union Street to the north, the Gowanus Canal to the east, a parking lot followed by President Street to the south, and Bond Street to the west. Site Features: The site is currently improved with a one-story building and two storage sheds. The exterior portion of the property contains an enclosed area for social events, a parking lot and driveway, and storage areas. A bulkhead which will separate the property from the Gowanus Canal was recently constructed. Current Zoning and Land Use: The site is zoned M2-1 (manufacturing/industrial) and is currently used as a private event space, an art gallery, and an outdoor restaurant. Past Use of the Site: The site was historically occupied by a coal and wood yard (1886-1928); a granite works (1915); a die casting/electroplating facility (1922); a garage (1918-1930); a fuel company, garage and office (1931); and a foundry (1930-2007). Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level and slopes down to the east towards the Gowanus Canal. The subsurface strata at the site is comprised of historic urban fill consisting of sand with varying amounts of gravel, silt, brick, coal, wood and concrete fragments. The historic fill layer extends to a depth of about 15 feet below grade surface and is underlain by clay and silt. The groundwater interface is at depths between 7 and 11 feet below grade surface. Groundwater beneath the site flows southeast toward the Gowanus Canal, which adjoins the site to the east. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern

450 UNION STREET (Continued) **S117936660**

were SVOCs and metals in soil, and coal tar in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place to prevent potential exposure to remaining contamination on the site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-05-08 14:42:00
Record Upd: 2020-10-07 17:11:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: 06
Owner Name: Robert Rieger
Owner Company: 450 Union LLC
Owner Address: 10 GLENVILLE STREET, SUITE 1
Owner Addr2: Not reported
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Rieger
Owner Company: 450 Union LLC
Owner Address: c/o Pilot Real Estate Group LLC
Owner Addr2: 10 Glenville Street, Suite 1
Owner City,St,Zip: Greenwich, CT 06831
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Carroll Gardens Branch Library
Owner Address: 396 Clinton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 6
Owner Address: 250 Baltic Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: c/o Robert Reiger
Owner Company: 450 Union Developer LLC
Owner Address: 10 Glenville Street
Owner Addr2: Suite 1
Owner City,St,Zip: Greenwich, CT 06831

450 UNION STREET (Continued) **S117936660**

Owner Country:	United States of America
HW Code:	C224219
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224219
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-611519
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-07-31 07:57:00
Record Updated:	2020-07-31 07:57:00
Updated By:	LXZIELIN
Crossref ID:	C224219-06-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-09-10 17:15:00
Record Updated:	2020-09-10 17:15:00
Updated By:	NNCRAWFO
Crossref ID:	2020000271467
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2020-10-06 18:03:00
Record Updated:	2020-10-06 18:03:00
Updated By:	NNCRAWFO

AM303 **450 UNION STREET** **NY UST** **U004177702**
WNW **450 UNION STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.216 mi.
1142 ft. **Site 3 of 6 in cluster AM**

Relative:
Lower

Actual:
10 ft.

UST:

Name:	450 UNION STREET
Address:	450 UNION STREET
City,State,Zip:	BROOKLYN, NY 11231
Id/Status:	2-611519 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585390.28931
UTM Y:	4503714.82974
Site Type:	Other

Affiliation Records:

Site Id:	445788
Affiliation Type:	Facility Owner
Company Name:	450 UNION LLC
Contact Type:	AUTHORIZED REPRESENTATIVE
Contact Name:	JUSTIN O'LEARY
Address1:	10 GLENVILLE STREET, 1ST FLOOR
Address2:	Not reported
City:	GREENWICH
State:	CT
Zip Code:	06831
Country Code:	001
Phone:	(203) 813-3575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2020-11-20

Site Id:	445788
Affiliation Type:	Facility Operator
Company Name:	450 UNION STREET
Contact Type:	Not reported
Contact Name:	JUSTIN O'LEARY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(203) 813-3575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2020-11-20

Site Id:	445788
Affiliation Type:	Mail Contact
Company Name:	450 UNION LLC AND 450 UNION DEVELOPER LLC
Contact Type:	Not reported
Contact Name:	JUSTIN O'LEARY
Address1:	10 GLENVILLE STREET, 1ST FLOOR

450 UNION STREET (Continued) **U004177702**

Address2: Not reported
City: GREENWICH
State: CT
Zip Code: 06831
Country Code: 001
Phone: (203) 813-3575
EMail: JUSTIN@PILOTGROUP.COM
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2020-11-20

Site Id: 445788
Affiliation Type: Emergency Contact
Company Name: 450 UNION LLC
Contact Type: Not reported
Contact Name: JUSTIN O'LEARY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (203) 813-3575
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2020-11-20

Tank Info:

Tank Number: 001
Tank ID: 238241
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1989
Date Tank Closed: 04/03/2017
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 11/20/2020

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

450 UNION STREET (Continued) **U004177702**

D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
J00 - Dispenser - None
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

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AM304 **450 UNION LLC** **RCRA-LQG** **1000296296**
WNW **450 UNION ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.216 mi.
1142 ft. **Site 4 of 6 in cluster AM**

Relative: **Lower**

Actual: **10 ft.**

RCRA-LQG:
Date Form Received by Agency: 20180321
Handler Name: 450 UNION LLC
Handler Address: 450 UNION ST
Handler City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYD001263136
Contact Name: JUSTIN O'LEARY
Contact Address: GLENVILLE ST
Contact City,State,Zip: GREENWICH, CT 06831
Contact Telephone: 203-813-3575
Contact Fax: 315-454-4467
Contact Email: JUSTIN@PILOTREGROUP.COM
Contact Title: OWNER/OPERATOR
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2017
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: GLENVILLE ST
Mailing City,State,Zip: GLENVILLE, CT 06831
Owner Name: 450 UNION LLC
Owner Type: Private
Operator Name: 450 UNION LLC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---

450 UNION LLC (Continued) **1000296296**

Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20181106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported

450 UNION LLC (Continued) **1000296296**

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: 10 GLENVILLE STREET
Owner/Operator City,State,Zip: GREENWICH, CT 06831
Owner/Operator Telephone: 203-813-3575
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: 10 GLENVILLE ST 1ST FL
Owner/Operator City,State,Zip: GREENWICH, CT 06831
Owner/Operator Telephone: 347-853-2180
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

450 UNION LLC (Continued) **1000296296**

Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: 10 GLENVILLE STREET
Owner/Operator City,State,Zip: GREENWICH, CT 06831
Owner/Operator Telephone: 347-853-2180
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: 10 GLENVILLE ST 1ST FL
Owner/Operator City,State,Zip: GREENWICH, CT 06831
Owner/Operator Telephone: 347-853-2180
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 450 UNION LLC
Legal Status: Private
Date Became Current: 20140909
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180321
Handler Name: 450 UNION LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

450 UNION LLC (Continued) **1000296296**

Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19990708
Handler Name: THOMAS PAULSON & SON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: THOMAS PAULSON & SON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: THOMAS PAULSON & SON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170418
Handler Name: 450 UNION LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19840924

450 UNION LLC (Continued) **1000296296**

Handler Name: THOMAS PAULSON & SON INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160711
Handler Name: 450 UNION LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 722511
NAICS Description: FULL-SERVICE RESTAURANTS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

450 UNION LLC (Continued) **1000296296**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990722
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2JCS
Evaluation Responsible Sub-Organization: RCB

450 UNION LLC (Continued) **1000296296**

Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030731
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2PFC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

AM305 **VACANT APARTMENT BUILDING** **NY MANIFEST** **S105057992**
WNW **450 UNION ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.216 mi.
1142 ft. **Site 5 of 6 in cluster AM**

Relative: **Lower**
Actual: **10 ft.**

SPILLS:
Name: VACANT APARTMENT BUILDING
Address: 450 UNION ST
City,State,Zip: BROOKLYN, NY 11231
Spill Number/Closed Date: 0102612 / 2009-12-17
Facility ID: 0102612
Facility Type: ER
DER Facility ID: 214436
Site ID: 262643
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2001-06-08
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 2001-06-08
CID: 382
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-06-08
Spill Record Last Update: 2009-12-29
Spiller Name: JAMES RIGNEY
Spiller Company: VACANT APARTMENT BUILDING

VACANT APARTMENT BUILDING (Continued) **S105057992**

Spiller Address: 450 UNION ST
Spiller Company: 999
Contact Name: JAMES RIGNEY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 7/16/2001 Testing was done. Borings along Union st. all samples were high Took water samples along union St. along Gowanas Canal and inside the building (all water samples were clean). Bayside Fuel is across the street from this site. 10/2/09 - Austin - Spill transferred from Albany staff to Ketani, for further investigation - end 10/27/09 - Raphael Ketani. The spill took place on 6/8/01. It involved the discovery of oil contaminated soil at the site. Bayside Fuel is across the street. The site is 450 Union Street. The mai address is 316 Bond Street. The alternate addresses are 446-4 Street. The block and lot are 437 and 36. The building was built in 1910. It is a four story brick apartment building on the corner. It was sold on 4/21/88 to Union Bond Realty, Ltd., c/o Joseph Giardina, 916 Washington Avenue, Westwood, NJ, 07675. There is no PBS registration. The only contact was James Rigney (718) 923-8003. There is no case file, nor any E-docs. I will make a site visit. 12/9/09 - Raphael Ketani. I made an unannounced site visit. The address 450 Union Street belongs to a green painted warehouse near the Gowanus Canal (see E-docs). The warehouse now appears to be an artist's workshop. There was no one home. I walked up the street to the Canal and found Bayside Fuel. However, I didn't find the apartment building. The only possible location for the apartment building may be a cinder block wall with a door which has no street number (see E-docs). The wall may have been part of a building, but the back of the building has collapsed (see E-docs). I did not see a sheen in the water next to Bayside Fuel. 12/11/09 - Raphael Ketani. I tried to contact Mr. Rigney, but the phone number belongs to someone else and they didn't answer. I will send a letter to Mr. Giardina requesting information about the spill. 12/14/09 - Raphael Ketani. The letter to Mr. Giardina went out today by regular mail and by certified mail with a return card. 12/17/09 - Raphael Ketani. I received a call today from Donna Giardina. She said that she had received my letter. However, her father doesn't own 450 Union Street. She said that this address is the long green building and the broken concrete building that is attached to it. She said that her father owns 316 and 318 Bond Street. I told her that the property databases that I had used had indicated that Joseph Giardina (201) 666-2031 owns 450 Union Street and that he bought it on 4/21/88. She said that the purchase date for the properties sounds right, but 450 Union is not his. She said that it belongs to a Jewish organization which owns the gr building. They have parties, religious services and such there. She said that her father has received tickets from DOS and other fines for garbage left out infront of 450 Union, but this is not her property. She said that there have been other points of confusion and mistaken ownership by other City agencies. She said that their garbage is picked up on Bond Street. I told her that I will look into the matter and do more research. I checked the Property Shark listings for 316 Bond Street and 318 Bond Street. Union Bond Realty owns both sites. Both are apartment buildings. 446 and 450 Union Street are listed as alternate addresses for 316 Bond Street. I did see a street number of 446 Union Street for the Union Street side of the corner apartment building. However, 316 Bond Street is at the corner of Bond and Union and physically across from 450 Union. It is not clear how the two addresses can be listed together. Both are

VACANT APARTMENT BUILDING (Continued) **S105057992**

block 437 and lot 36 - with Bond Street dividing them. 318 Bond Street is block 437 and lot 37 with no alternate addresses. It may be that, at one time, the two Union Street numbers (446 and 450) were associated with 316 Bond Street. I checked Google Maps and the air photo shows 316 and 318 Bond Street to be across from the long green building at 450 Union. Google Maps also shows a vacant lot across Union Street from the 316 and 318 Bond with a few cars parked in side. It is unclear whether this used to be a tanker truck storage facility. Though, there is no indication of this. The spill report mentions an apartment building across from the Bayside Fuel facility, but this is not possible. As there is not enough information to determine where the site is, or used to be. Therefore, it is not possible to investigate this spill case. Therefore, I am closing the spill case. 12/29/09 - Raphael Ketani. The green return receipt card arrived today. It was signed by Joseph Giardina and dated 12/18/09. "

Remarks: "CONTAMINATED SOIL FOUND AT LOCATION AFTER SOIL SAMPLES WERE TAKEN. PROPERTY ACROSS ST FROM LOCATION IS AN OIL DEPOT."

All Materials:

Site ID:	262643
Operable Unit ID:	841316
Operable Unit:	01
Material ID:	534724
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	450 UNION LLC
Address:	450 UNION ST
City,State,Zip:	BROOKLYN, NY 11231
Country:	USA
EPA ID:	NYD001263136
Facility Status:	Not reported
Location Address 1:	450 UNION STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11231
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001263136
Mailing Name:	450 UNION LLC
Mailing Contact:	450 UNION LLC
Mailing Address 1:	10 GLENVILLE ST
Mailing Address 2:	Not reported
Mailing City:	GREENWICH
Mailing State:	CT
Mailing Zip:	06831

VACANT APARTMENT BUILDING (Continued) **S105057992**

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 3478532180

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/07/2016
Trans1 Recv Date: 09/07/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/07/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001263136
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 000097355JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: Y
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 12920
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AK306 **210 DOUGLASS STREET** **NY BROWNFIELDS** **S127478129**
NNW **210 DOUGLASS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.220 mi.
1160 ft. **Site 4 of 15 in cluster AK**

Relative: **Lower**
Actual: **2 ft.**

BROWNFIELDS:

Name:	210 DOUGLASS STREET
Address:	210 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY 11217
Program:	BCP
Site Code:	615221
Acres:	0.570
HW Code:	C224316
SWIS:	2401
Town:	New York City
Record Added Date:	12/23/2020
Record Updated Date:	03/16/2021
Update By:	HMDUDEK

Site Description: "Location The approximate 24,850-square-foot (0.57 acres) proposed brownfield site is located at 210 Douglass Street in the Gowanus neighborhood of Brooklyn, New York, and is identified as Block 417 and Lot 21on the New York City Tax Map. The site is bound to the north by one-story commercial building followed by a three-story residential building, and the New York City Department of Environmental Protection (NYCDEP) Gowanus Pumping Station and Flushing Tunnel facility, to the east by the Gowanus Canal, a USEPA Superfund Site, to the south by Degraw Street followed by an asphalt-paved parking lot and associated garage, and to the west by 2 one- to two-story commercial/industrial buildings followed by Bond Street and 2 two- to three-story residential buildings, a two-story mixed used residential and commercial building, and 2 two-story industrial and manufacturing buildings. The site is located in a Manufacturing District (M2-1) which allows for industrial businesses. The Site is currently designated for factory/industrial use (F1) by the New York City Department of Finance. Site Features The site is located in an urban area that is generally covered with roads, walkways, an asphalt-paved parking lot, and a commercial building. The Gowanus Canal, a USEPA Superfund site, is located adjacent to the east of the subject property. The site is currently occupied by an approximate 17,850-square foot single story movie studio and associated asphalt paved parking operated by Eastern Effects, Inc., a movie production company. Current Zoning and Land Use The proposed brownfield site is located in a M2-1 manufacturing district which allows for industrial businesses. No environmental restrictions are currently associated with the property. The adjoining parcels and surrounding area are of mixed use including residential, commercial, industrial/manufacturing, and parking lots. On 30 January 2019, the Department of City Planning released the draft Gowanus zonin proposal for the greater Gowanus Canal neighborhood of Broo According to the information provided in this release, the site is located in an area that would receive a new zoning designation of M1(3) / R7-2 which is identified as being within the Canal Corridor Sub-District. This rezoning action would allow for the redevelopment of the site with a mixed-use commercial/residential building(s) within the framework of that designation. The Gowanus Canal, a USEPA Superfund site, is located adjacent to the east of the subject property. Historical Site Use Historical Sanborn Map Review: Sanborn Fire Insurance Maps provided by Environmental Data Resources, LLC

210 DOUGLASS STREET (Continued) **S127478129**

(EDR) reveal that the subject property operated as a P.G. Hughes lime, brick, and lath yard as well as W.H. Murtha & Sons coal and wood yard with a coal pocket storage facility and an engine building located in the southeastern portion of the Site in 1886. The 1904 map shows coal pockets and coal sheds associated with the John H. O Rourke Coal Yard. By 1915, the John H. O Rourke Coal Yard was identified as the John E. Larney Coal Yard. Limited detail is provided between 1922 and 1928, although the Knickerbocker Ice Company is shown on the northeastern portion of the property. By 1938, coal silos were identified on the eastern portion of the subject property associated with coal yard operations and two large coal silos are shown on the northern portion of the subject property with a conveyor connected to the engine room. Site conditions appear generally the same between 1938 and 1950, except the coal yard is listed as non-operating. By 1969, the non-operating coal yard facility was replaced by a plastic product manufacturing facility. Site conditions and operations appear generally the same between 1969 and 2007, except by the year 1988, the plastic manufacturer is identified as an unspecified manufacturing facility. The review of Sanborn Maps revealed historic site operations of concern at adjacent properties to the north, south, and west, including a coal yard (1886), a paper box factory (1915), a machine shop (1950), and a metal manufacturer (1969 2007) to the north; a coal yard (1886- 1915, 1938), a fuel company (1928), a wooden box manufacturer (1950), an auto repair shop (1969), and a truck rental company (1979-2007) to the south; and a coal yard (1886), lather (1886), ice factory (1904-1950), unspecified manufacturing (1969-2007), and an electrical manufacturer (1938-2007) to the west. Records maintained online by the NYC Department of Buildings (NYCDOB) and USEPA, in addition to historical phone directories summarized in the City Directory Abstract and government databases summarized in a Radius Map Report provided by EDR, were also reviewed for the Site and are summarized below. Additional Historical Resources: Records maintained online by the NYCDOB identify the subject property as approved to operate as a paper product manufacturer in 1970 and an electrical supply manufacturing facility from 1993 to 2009. According to the City Directory Abstract, a production studio operated on the subject property from 2002 to 2014. Magnifco Enterprise located at 210 Douglass Street was identified in the Radius Map Report within the RCRA Small Quantity Generator (SQG) database for forms received by the USEPA on 14 November 2013 classifying the site as a SQG for the generation of waste impacted by hazardous concentrations of benzene by Eastern Effects operations. The site was also identified in the USEPA ECHO and Facility Index System (FINDS) databases for being tracked through the RCRA program as FRS ID 110056380045 and RCRA Source ID NYR000205278. No violations were identified for this facility. Site operations by Eastern Effects between 2002 and the present were confirmed within the City Directory Abstract Report and based on site observations during the investigation. Additional listings maintained in the online NYSDEC Spills database identify the Site as Unknown Fuel Oil Depot at the address 210 Douglas Street under Spill No. 0401107 for a release of unknown petroleum to the Gowanus Canal on 1 May 2004. The spill was administratively closed on 3 May 2004 as it was determined that no spill occurred and no corrective action was required. Site Geology and Hydrogeology According to Langan s 2019 Phase II investigation performed on Lot 21 as well as the adjacent Lot 10, miscellaneous fill was encountered

210 DOUGLASS STREET (Continued) **S127478129**

between 2- and 10-feet below grade at all boring locations, with the exception of a soil boring located at the southwestern portion of the subject property where a fill layer was not observed. Material beneath the fill layer generally consisted of sand, silt, and/or clay, with the exception of a soil boring along eastern portion of the subject property where only fill was observed. A confining layer of clay and/or peat was identified at all locations except a boring location along the eastern site boundary, due to shallow drilling refusal, and a boring located along the western boundary of Lot 21. Site conditions encountered in Langan s 2019 Phase II environmental investigation are generally consistent with the Langan s 2019 geotechnical investigation. According to the USGS Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and parts of Bergen and Hudson Counties, New Jersey, by Charles A. Baskerville dated 1994, the site is underlain by the Hartland Formation, consisting mainly of gray muscovite-biotite-quartz schist. Competent bedrock was not encountered in soil borings installed as part of the 2019 Phase II investigation. Based on the environmental investigation conducted by Langan, groundwater was encountered at depths ranging from about 4.69 to 6.21 feet below ground surface (bgs) in monitoring wells installed during Langan s 2019 environmental investigation on the subject property. Based on area topography, observed water level measurements, and the proximity of the Site to the Gowanus Canal, groundwater is inferred to flow to the east towards the Gowanus Canal. "

Env Problem: "Nature and Extent of Contamination: The site entered the BCP in the investigation phase. To date, the following nature and extent of contamination is known: Soil: In 2012 GEI Consultants Inc. installed a soil boring on-site as part of the Fulton Manufactured Gas Plant (MGP) Remedial Investigation. In 2019, Langan performed a Phase II Environmental Investigation on-site. Together a total of six (6) soil borings were installed across the site. Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Metals, PCBs, and Pesticides were analyzed from those samples and exceedances were found. Most notable exceedances included Coal Tar related SVOC compounds: Benzo(a)pyrene was detected at a maximum concentration of 470 ppm (CSCO: 1 ppm and PoGWSCO: 22 ppm). Benzo(b)fluoranthene was detected at a maximum concentration of 330 ppm (CSCO: 5.6 ppm and PoGWSCO: 1.7 ppm). Naphthalene was detected at a maximum concentration of 7,900 ppm (CSCO: 500ppm and PoGWSCO: 12 ppm). Metals were also found in exceedance. Most notably: Lead was detected at a maximum concentration of 1,000 ppm (CSCO: 1,000 ppm and PoGWSCO: 63 ppm). Mercury was detected at a maximum concentration of 4.65 ppm (CSCO: 2.8 ppm and PoGWSCO: 0.18 ppm). Groundwater: Three (3) groundwater sampling locations were sampled during the remedial investigation. Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Metals, PCBs, and Pesticides were analyzed from those samples and exceedances were found. Coal Tar related SVOCs were detected in the groundwater in addition to high levels of Iron, Manganese and Lead were also detected in the groundwater on-site. Soil Vapor: The site currently maintains a movie studio with parking lot. In 2013, three sub-slab vapor samples were collected throughout the on-site building. Tetrachloroethene (PCE) was detected at a maximum concentration of 91.6 micrograms per cubic meter (ug/m3). Trichloroethene (TCE) was detected a maximum concentration of 9,136 ug/m3. "

210 DOUGLASS STREET (Continued) **S127478129**

Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Lauren Sanders
Owner Company:	Eponymous Gowanus LLC
Owner Address:	430 Park Avenue, Suite 201
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Lauren Sanders
Owner Company:	Eastern Effects
Owner Address:	210 Douglass Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Carroll Gardens Branch
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Lauren Sanders
Owner Company:	DoBoDe Holdings LLC
Owner Address:	430 Park Avenue, Suite 201
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02

210 DOUGLASS STREET (Continued) **S127478129**

Owner Name:	Lauren Sanders
Owner Company:	GowDev Holdings LLC
Owner Address:	430 Park Avenue, Suite 201
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Lauren Sanders
Owner Company:	3911 Lemmon Avenue Associates
Owner Address:	430 Park Avenue, Suite 201
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Lauren Sanders
Owner Company:	Esbond Realty, LLC
Owner Address:	430 Park Avenue, Suite 201
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AK307 **MAGNIFICO ENTERPRISES** **ECHO** **1016451934**
NNW **210 DOUGLASS ST** **RCRA-SQG** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **FINDS**
0.220 mi.
1160 ft. **Site 5 of 15 in cluster AK**

Relative: **Lower**

Actual: **2 ft.**

RCRA-SQG:

Date Form Received by Agency:	20131114
Handler Name:	MAGNIFICO ENTERPRISES
Handler Address:	210 DOUGLASS ST
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYR000205278
Contact Name:	MICHAEL SBEGLIA
Contact Address:	CALDER PL
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-499-5100
Contact Fax:	718-832-5678
Contact Email:	MSBEGLIA@DCANY.COM
Contact Title:	PROPERTY MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

MAGNIFICO ENTERPRISES (Continued) **1016451934**

Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: POINT CIRCLE
Mailing City,State,Zip: TEQUESTA, FL 33469
Owner Name: MAGNIFICO ENTERPRISES
Owner Type: Private
Operator Name: EASTERN EFFECTS
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150324

MAGNIFICO ENTERPRISES (Continued) **1016451934**

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MAGNIFICO ENTERPRISES
Legal Status: Private
Date Became Current: 19920508
Date Ended Current: Not reported
Owner/Operator Address: 139 POINT CIRCLE
Owner/Operator City,State,Zip: TEQUESTA, FL 33469
Owner/Operator Telephone: 561-401-9812
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EASTERN EFFECTS
Legal Status: Private
Date Became Current: 20020110
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20131114
Handler Name: MAGNIFICO ENTERPRISES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335999
NAICS Description: ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT

MAGNIFICO ENTERPRISES (Continued) **1016451934**

MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056380045

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016451934
Registry ID: 110056380045
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056380045
Name: MAGNIFICO ENTERPRISES
Address: 210 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11217

AD308 **COSMOC INC** **NY Spills** **1000317855**
NNW **255 BUTLER STREET** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.220 mi.
1160 ft. **Site 10 of 10 in cluster AD**

Relative:
Lower

Actual:
11 ft.

AST:
Name: 255 BUTLER LLC
Address: 255 BUTLER STREET
City,State,Zip: BROOKLYN, NY 11217
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-295329
Program Type: PBS
UTM X: 585670.11088
UTM Y: 4503947.59310
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 13550
Affiliation Type: Facility Owner
Company Name: 255 BUTLER LLC
Contact Type: PRESIDENT
Contact Name: SAM BOYMELGREEN
Address1: 255 BUTLER STREET
Address2: Not reported

COSMOC INC (Continued) **1000317855**

City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 422-0768
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-04-04

Site Id: 13550
Affiliation Type: Mail Contact
Company Name: SAM BOYMELGREEN
Contact Type: Not reported
Contact Name: SAM BOYMELGREEN
Address1: 250 GREENWHICH ST, SUITE 4655
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 266-0029
EMail: BILLING@BOYMELGREEN.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-07-11

Site Id: 13550
Affiliation Type: Facility Operator
Company Name: 255 BUTLER LLC
Contact Type: Not reported
Contact Name: TODD BOND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 422-0768
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13550
Affiliation Type: Emergency Contact
Company Name: 255 BUTLER LLC
Contact Type: Not reported
Contact Name: TODD BOND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 422-0768
EMail: Not reported

COSMOC INC (Continued) **1000317855**

Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 12079
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
G99 - Tank Secondary Containment - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 9000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/11/2017
Register: True
Modified By: DAFRANCI
Last Modified: 07/11/2018
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 12080
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None

COSMOC INC (Continued) **1000317855**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 550
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/08/2016
Register: True
Modified By: DAFRANCI
Last Modified: 07/11/2018
Material Name: #2 fuel oil (on-site consumption)

SPILLS:
Name: COSMOC INC
Address: 255 BUTLER STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0903590 / 2014-03-06
Facility ID: 0903590
Facility Type: ER
DER Facility ID: 364797
Site ID: 415708
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: D4
SWIS: 2401
Spill Date: 2009-06-26
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 2009-06-26
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2009-06-26
Spill Record Last Update: 2014-03-06
Spiller Name: Not reported
Spiller Company: COSMOC INC
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ALEX
DEC Memo: "DECPiper - AS per R Ketani directives, I reposnde dto site in evening. The site is a warehouse and no one was there at 5pm upon

COSMOC INC (Continued) **1000317855**

arrival. No signs of spillage. I got in cntact with caller, alex later and he informed me that soil borings revealed svoc's and report is being generated. He already spoke with DEC Austin who instructed Alex to call in spill. Report will besent th is week. DEC Piper spoke with Cosmos inc requiring additional investigation as subsurface investigation already conducted needed further investigation. Received message from Alexandra Gineli 212- 967-2753
10/17/13-Vought-Received call from and spoke to Paul Stewart (Advanced Cleanup Technologies Ph:516-840-8197) and Stewart inquiring about steps needed to work towards spill closure. Stewart and owner called and left message for Piper but have not received call back to date. DECPiper received limited phase II and closure rpeort. Based on findings and work to date, this spill is closed. See edocs if warranted. "

Remarks: "1503 The caller advised dispatch he has spoken with DEC Rep. Austin.
The Rep. advised the caller to report the spill and clean up will be conducted after DEC has inspected the area. The amount of the spill is unknown."

All Materials:

Site ID:	415708
Operable Unit ID:	1172038
Operable Unit:	01
Material ID:	2163889
Material Code:	9999
Material Name:	other - SVOC Organic compound Low Conc
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AK309 **L.C.R. TRUCKING LLC** **NY UST** **U004224036**
NNW **241 DOUGLAS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.220 mi.
1163 ft. **Site 6 of 15 in cluster AK**

Relative: **Lower**
Actual: **1 ft.**

UST:

Name:	L.C.R. TRUCKING LLC
Address:	241 DOUGLAS STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-612275 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585720.65250
UTM Y:	4503839.19600
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	498587
Affiliation Type:	Facility Operator
Company Name:	L.C.R. TRUCKING LLC
Contact Type:	Not reported
Contact Name:	RAYMOND LARA

L.C.R. TRUCKING LLC (Continued) **U004224036**

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-01-25

Site Id: 498587
Affiliation Type: Emergency Contact
Company Name: L.C.R. TRUCKING LLC
Contact Type: Not reported
Contact Name: RAYMOND LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-01-25

Site Id: 498587
Affiliation Type: Mail Contact
Company Name: PETROLEUM TANK CLEANERS
Contact Type: Not reported
Contact Name: BOB LAMIRATA
Address1: 236 BUTLER STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-2185
EMail: PTCIAM@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-12

Site Id: 498587
Affiliation Type: Facility Owner
Company Name: L.C.R. TRUCKING LLC
Contact Type: AUTHORIZED REPRESENTATIVE
Contact Name: ANTHONY LARA
Address1: 241 DOUGLAS STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001

L.C.R. TRUCKING LLC (Continued) **U004224036**

Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-01-25

Tank Info:

Tank Number: 001
Tank ID: 252732
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: 03/01/1995
Date Tank Closed: 12/09/2015
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 01/25/2018

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 002
Tank ID: 252733
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: 03/01/1995
Date Tank Closed: 12/09/2015
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 01/25/2018

L.C.R. TRUCKING LLC (Continued) **U004224036**

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

AI310 **BAYSIDE FUEL OIL CO.** **NY AST** **U003074650**
WNW **498-502 SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.224 mi.
1185 ft. **Site 5 of 9 in cluster AI**

Relative: **Lower**

Actual: **12 ft.**

AST:

Name:	BAYSIDE FUEL OIL CO.
Address:	498-502 SACKETT STREET
City,State,Zip:	BROOKLYN, NY 11231
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-017590
Program Type:	PBS
UTM X:	585476.66311
UTM Y:	4503746.64393
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	147
Affiliation Type:	Facility Owner
Company Name:	OAA REALTY LLC
Contact Type:	MEMBER
Contact Name:	SERGIO ALLEGRETTI
Address1:	105 STERLING COURT
Address2:	Not reported
City:	MUTTONTOWN
State:	NY
Zip Code:	11791
Country Code:	001
Phone:	(718) 372-9800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-08-24

Site Id:	147
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported

BAYSIDE FUEL OIL CO. (Continued) **U003074650**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: AASPRAGU
Date Last Modified: 2021-09-19

Site Id: 147
Affiliation Type: Facility Operator
Company Name: BAYSIDE FUEL OIL CO.
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 147
Affiliation Type: Emergency Contact
Company Name: OAA REALTY LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Tank Info:

Tank Number: 002
Tank Id: 27068
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

BAYSIDE FUEL OIL CO. (Continued) **U003074650**

D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1985
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 003
Tank Id: 27069
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1985
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 004
Tank Id: 271505

Equipment Records:

BAYSIDE FUEL OIL CO. (Continued) **U003074650**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/01/2017
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: lube oil

Tank Number: 005
Tank Id: 271506

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/01/2017
Register: True
Modified By: LXZIELIN

BAYSIDE FUEL OIL CO. (Continued) **U003074650**

Last Modified: 08/24/2017
Material Name: waste oil/used oil

Tank Number: OBF4
Tank Id: 227669
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/02/2017
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: OBF5
Tank Id: 227670
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None

BAYSIDE FUEL OIL CO. (Continued) **U003074650**

	H00 - Tank Leak Detection - None
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1985
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/02/2017
Register:	True
Modified By:	LXZIELIN
Last Modified:	08/24/2017
Material Name:	#2 fuel oil (on-site consumption)

AI311 **BAYSIDE FUEL OIL CO.** **NY UST** **U004061998**
WNW **498-502 SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.224 mi.
1185 ft. **Site 6 of 9 in cluster AI**

Relative: **Lower**
Actual: **12 ft.**

UST:

Name:	BAYSIDE FUEL OIL CO.
Address:	498-502 SACKETT STREET
City,State,Zip:	BROOKLYN, NY 11231
Id/Status:	2-017590 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585476.66311
UTM Y:	4503746.64393
Site Type:	Other

Affiliation Records:

Site Id:	147
Affiliation Type:	Facility Owner
Company Name:	OAA REALTY LLC
Contact Type:	MEMBER
Contact Name:	SERGIO ALLEGRETTI
Address1:	105 STERLING COURT
Address2:	Not reported
City:	MUTTONTOWN
State:	NY
Zip Code:	11791
Country Code:	001
Phone:	(718) 372-9800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-08-24

Site Id:	147
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported

BAYSIDE FUEL OIL CO. (Continued) **U004061998**

Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: AASPRAGU
Date Last Modified: 2021-09-19

Site Id: 147
Affiliation Type: Facility Operator
Company Name: BAYSIDE FUEL OIL CO.
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 147
Affiliation Type: Emergency Contact
Company Name: OAA REALTY LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Tank Info:

Tank Number: 001
Tank ID: 27067
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1979
Date Tank Closed: 12/30/2009
Registered: True

BAYSIDE FUEL OIL CO. (Continued) **U004061998**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 01/29/2009
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F08 - Pipe External Protection - Retrofitted Impressed Current
L00 - Piping Leak Detection - None
B08 - Tank External Protection - Retrofitted Impressed Current
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H05 - Tank Leak Detection - In-Tank System (ATG)

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312 **CON EDISON** **FINDS** **1018279548**
ENE **BALTIC ST & 4TH AVE** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **RCRA NonGen / NLR**
0.225 mi.
1189 ft.

Relative:
Higher

Actual:
30 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20150305
Handler Name: CON EDISON
Handler Address: BALTIC ST & 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYP004743753
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported

CON EDISON (Continued) **1018279548**

Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160502
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON (Continued) **1018279548**

Historic Generators:
Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150305
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067692759

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1018279548
Registry ID: 110067692759
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067692759
Name: CON EDISON

CON EDISON (Continued) **1018279548**

Address: BALTIC ST & 4TH AVE
City,State,Zip: BROOKLYN, NY 11217

AK313 **FORMER O.Z. ELECTRICAL** **NY SHWS** **S108057803**
NW **198 DOUGLASS STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.227 mi.
1200 ft. **Site 7 of 15 in cluster AK**

Relative: SHWS:
Lower
Name: FORMER O.Z. ELECTRICAL
Actual: Address: 198 DOUGLASS STREET
7 ft. City,State,Zip: BROOKLYN, NY 11217
Program: HW
Site Code: 450318
Classification: N
Region: 2
Acres: 0.170
HW Code: 224152
Record Add: 06/10/2011
Record Upd: 08/24/2012
Updated By: DPKAPLAN
Site Description: "LOCATION: The Site is located at 198 Douglass Street in Brooklyn, between Bond Street and the Gowanus Canal. SITE FEATURES: The property is 0.18 acres and features a one-story warehouse building which is currently used for the storage of art and antique goods and furniture. CURRENT USE/ZONING: The property is currently used for the storage of antique goods. It is zoned for manufacturing use. HISTORICAL USES: The Site has historically been used for a variety of industrial purposes. Prior to its current use, the Site was owned and operated by Paramount Plumbing (approx. 1995 to 1998) and O.Z. Electrical Manufacturing Company Inc. (approx. 1960 to 1995). O.Z. also formerly owned and operated on the adjacent property (196 Douglass) as well as three buildings to the west, across Bond Street (262 Bond Street). Earlier owners/operators include P.H. Hughes Lime, Brick and Lath Yard (approx. 1887 to 1900); a gravel/crushed stone yard (approx. 1900 to 1930); and the Knickerbockers Ice Company, which included a machine shop (1930?s). SITE GEOLOGY AND HYDROGEOLOGY: Fill material consisting of sand, silt, gravel, and construction/demolition debris has been encountered to approximately 10 feet below ground surface (fbgs). Beneath the fill material (10 to 36 fbgs) is a sequence of inter-bedded silt, clay, sand, and peat layers atop fine to coarse-grained sand to a depth of approximately 48 fbgs. Groundwater has been encountered at depths ranging from 1.5 fbgs to 9 fbgs, during various investigations. USEPA Superfund investigations in the area of the Gowanus Canal have found that shallow groundwater flows toward the canal at both low and high tide. Intermediate groundwater generally flows upward toward the canal. Based on water chemistry measurements in surface water and groundwater (collected during Superfund investigations of the Gowanus Canal), it was concluded that infiltration from the canal controls water quality in shallow wells adjacent to the canal, with decrea influence with distance from the canal. The site did not qualify f addition to the Registry of Inactive Hazardous Disposal Sites. "
Env Problem: "NATURE AND EXTENT OF CONTAMINATION: A Site Investigation performed in April/May 2012 confirmed that tetrachloroethene (PCE) previously detected in groundwater was limited and not indicative of a release of hazardous waste. GROUNDWATER: In 2006, PCE was detected in

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

groundwater at a concentration of 1,600 parts per billion (ppb) and benzene at 14 ppb, from one grab groundwater sample collected from one boring. In the 2012 Site Investigation, groundwater was sampled from four groundwater monitoring wells. Groundwater samples were analyzed for volatile organic compounds (VOCs). Several VOCs were detected; however, the only contaminants detected at concentrations that exceed standards were isopropylbenzene (detected at 5.1 ppb compared to the standard of 5.0 ppb) and methyl tertiary butyl ether (MTBE) (detected at 10.7 ppb compared to the standard of 10 ppb). The standards cited for groundwater are the NYS Ambient Water Quality Standards and Guidance Values for Water Class GA from NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1. SOIL: The 2012 Site Investigation included soil sampling from 7 soil borings and analysis for VOCs. The only contaminant detected above standa was isopropylbenzene, detected at 3.91 parts per million (ppm) compared to the CP-51 Supplemental Soil Cleanup Objective for protection of groundwater of 2.3 ppm. A few VOCs were detected on site in the 2006 soil boring, but at very low concentrations. SOIL VAPOR: In soil vapor, trichloroethene (TCE) was detected in two samples at a maximum concentration of 200 micrograms per cubic meter (ug/m3); however TCE was not detected above reporting limits in concurrent indoor air samples. The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. "

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	4
Sub Type:	03
Owner Name:	Jean Lignel
Owner Company:	Not reported
Owner Address:	332 Bleecker St., Apt. 10
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10014-2980
Owner Country:	United States of America
Own Op:	1
Sub Type:	05
Owner Name:	Stephen D. Kramer, Esq. c/o Phillips Nizer, LLP
Owner Company:	Matthews Investments Limited
Owner Address:	666 Fifth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10103-0084
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SPILLS:
Name: FORMER O.Z. ELECTRIC & MANUFACTURING COMPANY
Address: 198 DOUGLASS ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0603334 / 2021-03-30
Facility ID: 0603334
Facility Type: ER
DER Facility ID: 316117
Site ID: 366030
DEC Region: 2
Spill Cause: Unknown
Spill Class: D4
SWIS: 2401
Spill Date: 2006-06-02
Investigator: DPKAPLAN
Referred To: Not reported
Reported to Dept: 2006-06-26
CID: 409
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-06-26
Spill Record Last Update: 2021-03-30
Spiller Name: JEFFERY FLANNIGAN
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 999
Contact Name: JEFFERY FLANNIGAN
DEC Memo: "DEC Piper contacted Caller Jeff Flannigan. He will copy report and analytical and send to DEC. 9/8/06- DEC Piper reviewed subsurface investigation report. AS per report, investigaestigation was due to the presence of petroleum vaprs inside work area. 1 boring was completed. Groundwater was encountrered at 9 feet bgs. A water sample was collected at 34 feet which contained elevated levels of benzene, PCE and a variety of SVOCs were above standards. A soil sample was collected at 36 feet bgs which indicated trace levels of clorinated solvents. Indoor air samples revesaled elevated levels of petroleum and clorinated solvents were detected above standards. Due to the soil and gw samples not being collected at the gw interface, the concentrations observed where collected, and indoor air quality, additional investigation is warranted. Case referred to remediation. 9/20/06- DEC Piper . Spill transpferred to remediation as per Austin on 9/8/06. 11/13/06 - reviewed site assessment report, found PERC in GW. Need to contact consultant to get more delineation of the GW contamination. - KST 4/11/08 - This spill has been transferred to D.

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

Kaplan. Since previous reports were missing the representative of the site was contacted and the subsurface investigation report was obtained from the environmental consultant. 5/7/08 - Met the environmental consultant (Djamel Lekmine, AMEC), architect Jeff Flannigan who was acting as representative of the owner (was in charge of construction at the time the spill was reported), and attorney for the owner at the site. The entire lot is covered with a building with slab on grade finished floor. The building serves as a storage facility for fine art. It was explained that additional investigation was necessary. 5/19/08 - Environmental consultant sent a proposed work plan for additional investigation which was very incomplete (see edocs). 5/27/08 - A letter was sent to the environmental consultant describing additional requirements for a subsurface investigation. 8/26/08 - Attorney for the owner has been trying to work out a site access agreement with the owner of the adjacent property (196 Douglass St). Representative for the owner of 196 indicated that they are unwilling to grant site access. 9/26/08 - After negotiations with the owner of 196 Douglass for site access proved unsuccessful, DEC attorney (John Urda) sent a letter to the owner siting statutory authority for site access for investigation work. See edocs. 5/11/09- The work was performed February 10th and 11th. The report has not yet been received. 6/18/10-Vought-Received inquiry from DEC Austin as to whether Site should be transferred to Vought as P-Site . Vought discussed with DEC O'Connell and spill reassigned from Kaplan to Vought and entered into P-Site Tracking Spreadsheet. 2/8/11-Vought-Spill transferred from DEC Vought to DEC Kaplan for further action. 6/10/11 - Transferred to hazardous waste program as potential hazardous waste site (P site 224152) 3/30/21 - closed - cross-reference site no 224152. (JHO)"

Remarks: "THERE WAS SOIL SAMPLE TESTING AND GROUND WATER TESTING. THERE WAS DIFFENENT MATERIAL THAT WAS FOUND AT THE SITE. THERE ARE TRACES OF VOLITALE ORGANIC COMPOUND, TETRACHLOROETHENE,ETHYLBENZENE, XYLENE WAS FOUND IN SOIL SAMPLE. THE WATER SAMPLE HAD BENZINE, TETRACHLOROETHENE. THEY WERE DIGGING AT THIS SITE."

All Materials:

Site ID:	366030
Operable Unit ID:	1123996
Operable Unit:	01
Material ID:	2113473
Material Code:	0854A
Material Name:	benzene
Case No.:	00071432
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	366030
Operable Unit ID:	1123996
Operable Unit:	01
Material ID:	2184492
Material Code:	0040B
Material Name:	PCE
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

Units: G
Recovered: Not reported
Oxygenate: Not reported

AL314 **PS 133K SCHOOL** **RCRA-LQG** **1014399289**
ENE **610 BALTIC ST** **NJ MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 10001** **NY MANIFEST**
0.229 mi.
1211 ft. **Site 3 of 4 in cluster AL**

Relative: **Higher**
Actual: **30 ft.**

RCRA-LQG:
Date Form Received by Agency: 20140220
Handler Name: PS 133K SCHOOL
Handler Address: 610 BALTIC ST
Handler City,State,Zip: BROOKLYN, NY 10001
EPA ID: NYR000173732
Contact Name: ALEXANDER LEMPERT
Contact Address: THOMSON AVE
Contact City,State,Zip: LONG ISLAND CITY, NY 11101
Contact Telephone: 718-472-8501
Contact Fax: Not reported
Contact Email: ALEMPERT@NYCSCA.ORG
Contact Title: SCAIEH DIRECTOR
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: THOMSON AVE
Mailing City,State,Zip: LONG ISLAND CITY, NY 11101
Owner Name: NYC DEPARTMENT OF EDUCATION
Owner Type: Municipal
Operator Name: NYC DEPARTMENT OF EDUCATION
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

PS 133K SCHOOL (Continued) **1014399289**

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYC SCHOOL CONSTRUCTION AUTH
Legal Status: Municipal
Date Became Current: 20090921
Date Ended Current: Not reported
Owner/Operator Address: 30-30 THOMSON AVE

PS 133K SCHOOL (Continued) **1014399289**

Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPT OF ED
Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: 44-36 VERNON BLVD
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPARTMENT OF EDUCATION
Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: 44-36 VERNON BLVD
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPARTMENT OF EDUCATION
Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: 44-36 VERNON BLVD
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF ED
Legal Status: Municipal
Date Became Current: 19000101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ARNELL CONSTRUCTION AUTH
Legal Status: Private

PS 133K SCHOOL (Continued) **1014399289**

Date Became Current: 20090921
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20120217
Handler Name: PUBLIC SCHOOL133K
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140220
Handler Name: PS 133K SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100409
Handler Name: PUBLIC SCHOOL 133
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20130215
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYHHN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:
Name: NYC-SCA / PUBLIC SCHOOL 133
Address: 610 BALTIC ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA

PS 133K SCHOOL (Continued) **1014399289**

EPA ID: NYR000173732
Facility Status: Not reported
Location Address 1: 610 BALTIC STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000173732
Mailing Name: NYC-SCA / PUBLIC SCHOOL 133
Mailing Contact: BRIAN BERMINGHAM
Mailing Address 1: 30-30 THOMPSON AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9174162659

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 12/22/2010
Trans1 Recv Date: 12/22/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/22/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000173732
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 007939655JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 63560
Units: P - Pounds
Number of Containers: 1
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

NJ MANIFEST:
EPA Id: NYR000173732
Mail Address: THOMSON AVE
Mail City/State/Zip: LONG ISLAND CITY, NY 11101
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: ALEXANDER LEMPERT
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 007458836JJK
EPA ID: NYR000173732
Date Shipped: 11/15/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/15/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/15/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 48580 P

Manifest Number: 007469755JJK
EPA ID: NYR000173732
Date Shipped: 08/04/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/04/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/04/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 54860 P

Manifest Number: 007447753JJK
EPA ID: NYR000173732
Date Shipped: 07/06/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/06/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/06/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 25 C

Manifest Number: 007447618JJK
EPA ID: NYR000173732
Date Shipped: 06/30/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/30/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 06/30/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 62180 P

Manifest Number: 007936992JJK
EPA ID: NYR000173732

PS 133K SCHOOL (Continued) **1014399289**

Date Shipped: 12/03/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/03/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/03/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 52060 P

Manifest Number: 008107227JJK
EPA ID: NYR000173732
Date Shipped: 12/07/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/07/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/07/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 49280 P

Manifest Number: 007458722JJK
EPA ID: NYR000173732
Date Shipped: 11/10/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/10/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/10/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 47660 P

Manifest Number: 007458730JJK
EPA ID: NYR000173732
Date Shipped: 11/10/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/10/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/10/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 49060 P

Manifest Number: 007458959JJK
EPA ID: NYR000173732
Date Shipped: 11/15/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/15/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/15/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:

PS 133K SCHOOL (Continued) **1014399289**

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 53380 P

Manifest Number: 008107215JJK
EPA ID: NYR000173732
Date Shipped: 12/07/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/07/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/07/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 47880 P

Manifest Number: 007458992JJK
EPA ID: NYR000173732
Date Shipped: 11/16/2010
TSDF EPA ID: NJD991291105

PS 133K SCHOOL (Continued) **1014399289**

Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/16/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/16/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 55080 P

Manifest Number: 007458790JJK
EPA ID: NYR000173732
Date Shipped: 11/18/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Date Trans1 Transported Waste: 11/18/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/18/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 28620 P

Manifest Number: 007461754JJK
EPA ID: NYR000173732
Date Shipped: 11/09/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/09/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Date TSDF Received Waste: 11/09/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 47820 P

Manifest Number: 007936822JJK
EPA ID: NYR000173732
Date Shipped: 11/30/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/30/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/30/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: I00 - Overfill - None
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 48480 P

Manifest Number: 007461505JJK
EPA ID: NYR000173732
Date Shipped: 08/06/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/06/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/06/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008

PS 133K SCHOOL (Continued) **1014399289**

Hand Code: H111
Quantity: 63940 P

Manifest Number: 007938095JJK
EPA ID: NYR000173732
Date Shipped: 09/23/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/23/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 09/23/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 44020 P

Manifest Number: 008107149JJK
EPA ID: NYR000173732
Date Shipped: 12/03/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/03/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/03/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 46220 P

Manifest Number: 007938291JJK
EPA ID: NYR000173732
Date Shipped: 10/12/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/12/2010
Date Trans2 Transported Waste: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 10/12/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 47380 P

Manifest Number: 007936577JJK
EPA ID: NYR000173732
Date Shipped: 11/17/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/17/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/17/2010
TSDF EPA Facility Name: Not reported

PS 133K SCHOOL (Continued) **1014399289**

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 56620 P

Manifest Number: 007938620JJK
EPA ID: NYR000173732
Date Shipped: 08/27/2010
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/27/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/27/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported

PS 133K SCHOOL (Continued) **1014399289**

Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: LONG ISLAND CITY, NY 11101
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 44860 P

AJ315 **NYCHA - WYCKOFF** **FINDS** **1001224056**
NNE **130 3RD AVE** **ECHO** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **RCRA NonGen / NLR**
0.230 mi. **NY MANIFEST**
1212 ft. **Site 3 of 4 in cluster AJ**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: NYCHA - WYCKOFF
Handler Address: 130 3RD AVE
Handler City,State,Zip: BROOKLYN, NY 11217
EPA ID: NYR000052720
Contact Name: FRANK OCELLO
Contact Address: BROADWAY
Contact City,State,Zip: NEW YORK, NY 10007
Contact Telephone: 212-306-3229
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: BROADWAY
Mailing City,State,Zip: NEW YORK, NY 10007
Owner Name: NYCHA
Owner Type: Municipal
Operator Name: NYCHA
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No

NYCHA - WYCKOFF (Continued) **1001224056**

Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYCHA
Legal Status: Municipal
Date Became Current: Not reported

NYCHA - WYCKOFF (Continued) **1001224056**

Date Ended Current: Not reported
Owner/Operator Address: 250 BROADWAY 16TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10007
Owner/Operator Telephone: 212-306-3229
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCHA
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 250 BROADWAY 16TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10007
Owner/Operator Telephone: 212-306-3229
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCHA
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 250 BROADWAY 16TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10007
Owner/Operator Telephone: 212-306-3229
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYCHA - WYCKOFF
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCHA - WYCKOFF
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

NYCHA - WYCKOFF (Continued) **1001224056**

Electronic Manifest Broker: Not reported

Receive Date: 19980330
Handler Name: NYCHA - WYCKOFF
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

NYCHA - WYCKOFF (Continued) **1001224056**

Evaluation Action Summary:
Evaluation Date: 19980920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004541684

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1001224056
Registry ID: 110004541684
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004541684
Name: NYCHA - WYCKOFF
Address: 130 3RD AVE
City,State,Zip: BROOKLYN, NY 11217

NY MANIFEST:
Name: NYCHA
Address: 130 3RD AVE
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYR000052720
Facility Status: Not reported
Location Address 1: 130 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000052720
Mailing Name: NYCHA
Mailing Contact: RAY VELEZ
Mailing Address 1: 250 BROADWAY

NYCHA - WYCKOFF (Continued) **1001224056**

Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123063142

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316 **CARROLL ST. TRANSFER STATION** **NY SWF/LF** **S105841710**
West **400 CARROLL ST** **N/A**
1/8-1/4 **BROOKYN, NY 11215**
0.231 mi.
1218 ft.

Relative: **Lower**

Actual: **4 ft.**

SWF/LF:
Name: CARROLL ST. TRANSFER STATION
Address: 400 CARROLL ST
City,State,Zip: BROOKYN, NY 11215
Flag: INACTIVE
Region Code: 2
Phone Number: 7186436551
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: JOE COSTELLO; OWNER
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [24T53]
Active: No
East Coordinate: 585300
North Coordinate: 4503500
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6103-00062
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

AJ317 **CON EDISON SERVICE BOX: 38909** **RCRA NonGen / NLR** **1016960842**
NNE **128 3RD AVE** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.232 mi.
1223 ft. **Site 4 of 4 in cluster AJ**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20130817
Handler Name:	CON EDISON SERVICE BOX: 38909
Handler Address:	128 3RD AVE
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYP004330551
Contact Name:	KHARY BERRY
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-666-4574
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	ADMINISTRATIVE ASSISTANT L1-2
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON SERVICE BOX: 38909 (Continued) **1016960842**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130717
Handler Name: CON EDISON SERVICE BOX: 38909
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130817
Handler Name: CON EDISON SERVICE BOX: 38909
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

CON EDISON SERVICE BOX: 38909 (Continued) **1016960842**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: 128 3RD AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYP004330551
Facility Status: Not reported
Location Address 1: 127 3RD AVE
Code: BP
Location Address 2: SERVICE BOX # 38909
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004330551
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/17/2013
Trans1 Recv Date: 07/17/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/22/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004330551

CON EDISON SERVICE BOX: 38909 (Continued) **1016960842**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002084759GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	40
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AK318 **NYC DEP - BWT GOWANUS PUMPING STATION** **PA MANIFEST** **S118069861**
NNW **201 DOUGLASS ST** **PA MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.235 mi.
1242 ft. **Site 8 of 15 in cluster AK**

Relative: **Lower**

Actual: **8 ft.**

Manifest Details:

Year:	2014
Manifest Number:	011980167JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD982728602
Generator Date:	05/08/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA

NYC DEP - BWT GOWANUS PUMPING STATION (Continued) **S118069861**

Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	D008
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	50
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported
Year:	2014
Manifest Number:	011980167JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD982728602
Generator Date:	05/08/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	50
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

AK319 **GOWANUS PUMPING STATION** **NY AST** **A100407902**
NNW **201 DOUGLASS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11214**
0.235 mi.
1242 ft. **Site 9 of 15 in cluster AK**

Relative: **Lower**
Actual: **8 ft.**

AST:

Name:	GOWANUS PUMPING STATION
Address:	201 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY 11214
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-456217
Program Type:	PBS
UTM X:	585583.34917
UTM Y:	4503929.89196
Expiration Date:	12/06/2023
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

GOWANUS PUMPING STATION (Continued) **A100407902**

Affiliation Records:

Site Id:	20103
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Contact Type:	Not reported
Contact Name:	MOHAMMAD MAHMUD, CHIEF PBS/CBS SECTION
Address1:	BUREAU OF WASTEWATER TREATMENT
Address2:	96-05 HORACE HARDING EXPY, 2ND FLOOR
City:	CORONA
State:	NY
Zip Code:	11368
Country Code:	001
Phone:	(718) 595-4904
EMail:	MMAHMUD@DEP.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-02-27

Site Id:	20103
Affiliation Type:	Emergency Contact
Company Name:	NYC DEP
Contact Type:	Not reported
Contact Name:	BWT COMMUNICATION CENTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 353-8486
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-12-20

Site Id:	20103
Affiliation Type:	Facility Operator
Company Name:	GOWANUS PUMPING STATION
Contact Type:	Not reported
Contact Name:	SALVATORE CAMPISI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 564-2700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-12-20

Site Id:	20103
Affiliation Type:	Facility Owner
Company Name:	NYC DEP
Contact Type:	CHIEF, PBS/CBS SECTION
Contact Name:	MOHAMMAD MAHMUD

GOWANUS PUMPING STATION (Continued) **A100407902**

Address1:	96-05 HORACE HARDING EXPWY, 2ND FLOOR
Address2:	Not reported
City:	CORONA
State:	NY
Zip Code:	11368
Country Code:	001
Phone:	(718) 595-4904
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2021-08-19

Tank Info:

Tank Number:	GW-8502-14
Tank Id:	254298

Equipment Records:

G12 - Tank Secondary Containment - Double-Walled (AG only)
J02 - Dispenser - Suction Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/23/2014
Capacity Gallons:	150
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	12/20/2019
Material Name:	diesel

AK320 **GOWANUS PUMPING STATION** **NY UST** **U004154626**
NNW **201 DOUGLASS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11214**
0.235 mi.
1242 ft. **Site 10 of 15 in cluster AK**

Relative: **Lower**
Actual: **8 ft.**

UST:

Name:	GOWANUS PUMPING STATION
Address:	201 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY 11214
Id/Status:	2-456217 / Active
Program Type:	PBS

GOWANUS PUMPING STATION (Continued) **U004154626**

Region: STATE
DEC Region: 2
Expiration Date: 12/06/2023
UTM X: 585583.34917
UTM Y: 4503929.89196
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 20103
Affiliation Type: Mail Contact
Company Name: NYC DEPT OF ENVIRONMENTAL PROTECTION
Contact Type: Not reported
Contact Name: MOHAMMAD MAHMUD, CHIEF PBS/CBS SECTION
Address1: BUREAU OF WASTEWATER TREATMENT
Address2: 96-05 HORACE HARDING EXPY, 2ND FLOOR
City: CORONA
State: NY
Zip Code: 11368
Country Code: 001
Phone: (718) 595-4904
EMail: MMAHMUD@DEP.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-02-27

Site Id: 20103
Affiliation Type: Emergency Contact
Company Name: NYC DEP
Contact Type: Not reported
Contact Name: BWT COMMUNICATION CENTER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 353-8486
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2019-12-20

Site Id: 20103
Affiliation Type: Facility Operator
Company Name: GOWANUS PUMPING STATION
Contact Type: Not reported
Contact Name: SALVATORE CAMPISI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 564-2700
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2019-12-20

GOWANUS PUMPING STATION (Continued) **U004154626**

Site Id: 20103
Affiliation Type: Facility Owner
Company Name: NYC DEP
Contact Type: CHIEF, PBS/CBS SECTION
Contact Name: MOHAMMAD MAHMUD
Address1: 96-05 HORACE HARDING EXPWY, 2ND FLOOR
Address2: Not reported
City: CORONA
State: NY
Zip Code: 11368
Country Code: 001
Phone: (718) 595-4904
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2021-08-19

Tank Info:

Tank Number: 001
Tank ID: 36649
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 01/01/1999
Date Tank Closed: 08/19/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 11/17/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
G05 - Tank Secondary Containment - Synthetic Liner
E04 - Piping Secondary Containment - Double walled UG
A01 - Tank Internal Protection - Epoxy Liner
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
B03 - Tank External Protection - Original Impressed Current
D01 - Pipe Type - Steel/Carbon Steel/Iron
L08 - Piping Leak Detection - Tank Top Sump
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 002
Tank ID: 36650

GOWANUS PUMPING STATION (Continued) **U004154626**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 01/01/1999
Date Tank Closed: 08/19/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 11/17/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
G05 - Tank Secondary Containment - Synthetic Liner
E04 - Piping Secondary Containment - Double walled UG
B03 - Tank External Protection - Original Impressed Current
D01 - Pipe Type - Steel/Carbon Steel/Iron
L08 - Piping Leak Detection - Tank Top Sump
A01 - Tank Internal Protection - Epoxy Liner
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 50948
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/19/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

GOWANUS PUMPING STATION (Continued) **U004154626**

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	GW-8501-14
Tank ID:	254297
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	3000
Install Date:	05/23/2014
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	21
Date Test:	01/30/2018
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	12/20/2019

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G04 - Tank Secondary Containment - Double-Walled (Underground)

AK321 **GOWANUS PUMP STATION** **NY MANIFEST** **S121986196**
NNW **201 DOUGLASS ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.235 mi.
1242 ft. **Site 11 of 15 in cluster AK**

Relative: **Lower**
Actual: **8 ft.**

SPILLS:

Name:	GOWANUS PUMP STATION
Address:	201 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8806193 / 1988-10-23
Facility ID:	8806193
Facility Type:	ER
DER Facility ID:	246987
Site ID:	305749
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported

GOWANUS PUMP STATION (Continued) **S121986196**

SWIS: 2401
Spill Date: 1988-10-23
Investigator: MANDALA
Referred To: Not reported
Reported to Dept: 1988-10-23
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: 1988-10-23
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1988-11-02
Spill Record Last Update: 2002-02-15
Spiller Name: Not reported
Spiller Company: NYC DEP
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "2 OVERFLOW PUMPS WENT OVER INTO GOWANUS CANAL. EQUIPMENT IS FIXED, SPILL IS CONTAINED TO CANAL."

All Materials:
Site ID: 305749
Operable Unit ID: 921361
Operable Unit: 01
Material ID: 454546
Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

NY MANIFEST:
Name: GOWANUS PUMP STATION
Address: 201 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11217-3024
Country: USA
EPA ID: NYD982728602
Facility Status: Not reported
Location Address 1: 201 DOUGLASS STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

GOWANUS PUMP STATION (Continued) **S121986196**

NY MANIFEST:
EPAID: NYD982728602
Mailing Name: GOWANUS PUMP STATION
Mailing Contact: N/S
Mailing Address 1: 201 DOUGLASS ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186251757

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/27/2012
Trans1 Recv Date: 12/27/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/02/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010918933JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 5000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D002

GOWANUS PUMP STATION (Continued) **S121986196**

Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AK322 **CON EDISON** **NY MANIFEST** **S117737249**
NNW **201 DOUGLASS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.235 mi.
1242 ft. **Site 12 of 15 in cluster AK**

Relative:
Lower

Actual:
8 ft.

NY MANIFEST:
Name: CON EDISON
Address: 201 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11231
Country: USA
EPA ID: NYP004626412
Facility Status: Not reported
Location Address 1: 201 DOUGLASS ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11231
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004626412
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/13/2014
Trans1 Recv Date: 08/13/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004626412
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

CON EDISON (Continued) **S117737249**

TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002616241GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AK323 **NYCDEP - GOWANUS PUMPING STATION** **ICIS** **1000153815**
NNW **201 DOUGLASS ST** **RCRA-SQG** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **ECHO**
0.235 mi. **FINDS**
1242 ft. **Site 13 of 15 in cluster AK** **NJ MANIFEST**

Relative: **Lower**

Actual: **8 ft.**

RCRA-SQG:
Date Form Received by Agency: 20140827
Handler Name: NYC DEP BWT GOWANUS PS
Handler Address: 201 DOUGLASS ST
Handler City,State,Zip: BROOKLYN, NY 11271
EPA ID: NYD982728602
Contact Name: CHRIS LAUDANDO
Contact Address: RALPH AVE
Contact City,State,Zip: BROOKLYN, NY 11234
Contact Telephone: 718-564-2700
Contact Fax: 718-564-2702
Contact Email: CLAUDANDO@DEP.NYC.GOV
Contact Title: CHIEF OF COLLECTION FACILITIES SOUTH
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: HORACE HARDING EXPWY
Mailing City,State,Zip: CORONA, NY 11368
Owner Name: NYC ENVIRONMENTAL PROTECTION
Owner Type: Municipal
Operator Name: NYC ENVIRONMENTAL PROTECTION
Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Handler Date of Last Change: 20140828
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEP
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 201 DOUGLASS ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11217
Owner/Operator Telephone: 718-444-3224
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: 9605 HORACE HARDING EXPRESSWAY
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEP
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 201 DOUGLASS ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11217
Owner/Operator Telephone: 718-444-3224
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: 9605 HORACE HARDING EXPRESSWAY
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: 718-595-5272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: 9605 HORACE HARDING EXPY.
Owner/Operator City,State,Zip: CORONA, NY 11368

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Owner/Operator Telephone: 718-595-5068
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDEP
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEP
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 201 DOUGLASS ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11217
Owner/Operator Telephone: 718-444-3224
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCDEP
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Ended Current: Not reported
Owner/Operator Address: 9605 HORACE HARDING EXPWY
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: 718-595-5068
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC ENVIRONMENTAL PROTECTION
Legal Status: Municipal
Date Became Current: 19390101
Date Ended Current: Not reported
Owner/Operator Address: 96-05 HORACE HARDING EXPWY
Owner/Operator City,State,Zip: CORONA, NY 11368
Owner/Operator Telephone: 718-595-5272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20120208
Handler Name: NYC DEP BWT GOWANUS PS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140212
Handler Name: NYC DEP BWT GOWANUS PS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990708
Handler Name: NYCDEP - GOWANUS PUMPING STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: NYCDEP - GOWANUS PUMPING STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCDEP - GOWANUS PUMPING STATION
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19890417
Handler Name: NYCDEP - GOWANUS PUMPING STATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000831
Handler Name: NYCDEP - GOWANUS PUMPING STATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080821
Handler Name: NYCDEP GOVANUS P S

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120709
Handler Name: NYC DEP BWT GOWANUS PS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140827
Handler Name: NYC DEP BWT GOWANUS PS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 22132
NAICS Description: SEWAGE TREATMENT FACILITIES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20140327
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2STP
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19980920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ICIS:
Enforcement Action ID: 02-2002-0013
FRS ID: 110004429075
Action Name: NEW YORK, THE CITY OF
Facility Name: NYCDEP - GOWANUS PUMPING STATION
Facility Address: 201 DOUGLASS ST
BROOKLYN, NY 112173024
Enforcement Action Type: Civil Judicial Action
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.681478
Longitude in Decimal Degrees: -73.987325
Permit Type Desc: Not reported
Program System Acronym: 8028523
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: NYCDEP - GOWANUS PUMPING STATION

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Address: 201 DOUGLASS ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110004429075

Click Here:

Environmental Interest/Information System:
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

ECHO:
Envid: 1000153815
Registry ID: 110004429075
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004429075
Name: NYCDEP - GOWANUS PUMPING STATION
Address: 201 DOUGLASS ST
City,State,Zip: BROOKLYN, NY 11217

NJ MANIFEST:
EPA Id: NYD982728602
Mail Address: 201 DOUGLASS ST
Mail City/State/Zip: BROOKLYN 11217
Facility Phone: 7186251757
Emergency Phone: Not reported
Contact: ED WRIGHT
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 010406772JJK
EPA ID: NYD982728602
Date Shipped: 1/31/2013
TSDF EPA ID: NJD002200046

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 26,440.00 Pounds

Manifest Number: 010912109JJK
EPA ID: NYD982728602
Date Shipped: 1/14/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 22,000.00 Pounds

Manifest Number: 010912114JJK
EPA ID: NYD982728602
Date Shipped: 1/10/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 3,000.00 gallons

Manifest Number: 010912117JJK
EPA ID: NYD982728602
Date Shipped: 1/9/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 3,000.00 gallons

Manifest Number: 010912232JJK
EPA ID: NYD982728602
Date Shipped: 1/15/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJR000064766
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Hand Code: Not reported
Quantity: 13,640.00 Pounds

Manifest Number: 010912867JJK
EPA ID: NYD982728602
Date Shipped: 2/14/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 26,680.00 Pounds

Manifest Number: 010912869JJK
EPA ID: NYD982728602
Date Shipped: 2/14/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 13,980.00 Pounds

Manifest Number: 010918903JJK
EPA ID: NYD982728602
Date Shipped: 12/21/2012
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 5,000.00 gallons

Manifest Number: 010918936JJK
EPA ID: NYD982728602
Date Shipped: 12/27/2012
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 5,000.00 gallons

Manifest Number: 010918821JJK
EPA ID: NYD982728602
Date Shipped: 12/17/2012
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: I00 - Overfill - None
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 23,940.00 Pounds

Manifest Number: 010918826JJK
EPA ID: NYD982728602
Date Shipped: 12/19/2012
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 5,000.00 gallons

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Manifest Number: 011131519JJK
EPA ID: NYD982728602
Date Shipped: 1/21/2013
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 21,800.00 Pounds

Manifest Number: 008921106JJK
EPA ID: NYD982728602
Date Shipped: 6/25/2012
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 5,000.00 gallons

Manifest Number: 011131507JJK
EPA ID: NYD982728602
Date Shipped: 1/24/2013
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 16,100.00 Pounds

Manifest Number: 010912076JJK
EPA ID: NYD982728602
Date Shipped: 1/11/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 22,380.00 Pounds

Manifest Number: 010912078JJK
EPA ID: NYD982728602
Date Shipped: 1/11/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 31,540.00 Pounds

Manifest Number: 010912080JJK
EPA ID: NYD982728602
Date Shipped: 1/10/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 3,000.00 gallons

Manifest Number: 010912090JJK
EPA ID: NYD982728602

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Shipped: 1/8/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 50,380.00 Pounds

Manifest Number: 010912334JJK
EPA ID: NYD982728602
Date Shipped: 1/17/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 12,100.00 Pounds

Manifest Number: 010912415JJK
EPA ID: NYD982728602
Date Shipped: 1/18/2013
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BROOKLYN 11217
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 17,340.00 Pounds

AN324 **NYCDEP** **NY MANIFEST** **1009235603**
North **BALTIC AVE & NEVIS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.236 mi.
1245 ft. **Site 1 of 3 in cluster AN**

Relative: **Lower**
Actual: **15 ft.**

NY MANIFEST:
Name: NYCDEP
Address: BALTIC AVE & NEVIS
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP003660677
Facility Status: Not reported
Location Address 1: BALTIC AVE & NEVIS
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003660677
Mailing Name: NYCDEP
Mailing Contact: WAI MAN WONG
Mailing Address 1: 59-17 JUNCTIONBLVD
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported

NYCDEP (Continued) **1009235603**

Mailing Country: USA
Mailing Phone: 7185954650

AL325 **CON EDISON SERVICE BOX: 13280** **RCRA NonGen / NLR** **1016960603**
ENE **620 BALTIC ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.238 mi.
1256 ft. **Site 4 of 4 in cluster AL**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20130809
Handler Name: CON EDISON SERVICE BOX: 13280
Handler Address: 620 BALTIC ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYP004326518
Contact Name: KHARY BERRY
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4574
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: ADMINISTRATIVE ASSISTANT L1-2
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported

CON EDISON SERVICE BOX: 13280 (Continued) **1016960603**

Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20140701
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 20130709
Handler Name: CON EDISON SERVICE BOX: 13280
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130809
Handler Name: CON EDISON SERVICE BOX: 13280
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

CON EDISON SERVICE BOX: 13280 (Continued) **1016960603**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AI326 **BAYSIDE FUEL OIL DEPOT** **NY Spills** **U003074649**
NW **267 BOND STREET** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.239 mi.
1261 ft. **Site 7 of 9 in cluster AI**

Relative:
Lower

Actual:
12 ft.

AST:
Name: BAYSIDE FUEL OIL CORP
Address: 267 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-017574
Program Type: PBS
UTM X: 585455.39147
UTM Y: 4503830.09242
Expiration Date: N/A
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 145
Affiliation Type: Facility Owner
Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: TRUSTEE
Contact Name: SERGIO ALLEGRETTI
Address1: 105 STERLING COURT
Address2: Not reported
City: MUTTONTOWN
State: NY
Zip Code: 11791
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2018-10-18

Site Id: 145
Affiliation Type: Mail Contact

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: TRUSTEE
Contact Name: SERGIO ALLEGRETTI
Address1: 105 STERLING COURT
Address2: Not reported
City: MUTTONTOWN
State: NY
Zip Code: 11791
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2018-10-18

Site Id: 145
Affiliation Type: Facility Operator
Company Name: BAYSIDE FUEL OIL CORP
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 145
Affiliation Type: Emergency Contact
Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Tank Info:

Tank Number: 014
Tank Id: 27061
Material Code: 0013
Common Name of Substance: Lube Oil

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	08/01/1985
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/07/2016
Register:	True
Modified By:	LXZIELIN
Last Modified:	08/24/2017
Material Name:	lube oil
Tank Number:	015
Tank Id:	27062
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	08/01/1985
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/07/2016
Register:	True
Modified By:	LXZIELIN
Last Modified:	08/24/2017

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Material Name: lube oil

Tank Number: 016
Tank Id: 53548
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 08/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/07/2016
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: waste oil/used oil

Tank Number: 18
Tank Id: 271502

Equipment Records:
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Install Date: 12/01/1960
Capacity Gallons: 550
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/20/2016
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: waste oil/used oil

Tank Number: OBF1
Tank Id: 227746
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
D00 - Pipe Type - No Piping
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/07/2016
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: OBF2
Tank Id: 227747
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/07/2016
Register: True
Modified By: LXZIELIN
Last Modified: 08/24/2017
Material Name: #2 fuel oil (on-site consumption)

SPILLS:
Name: BAYSIDE FUEL OIL DEPOT
Address: 267 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Spill Number/Closed Date: 0208144 / 2008-06-10
Facility ID: 0208144
Facility Type: ER
DER Facility ID: 348280
Site ID: 140390
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2002-11-05
Investigator: LXZIELIN
Referred To: Not reported
Reported to Dept: 2002-11-05
CID: 233
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-11-05
Spill Record Last Update: 2008-06-10
Spiller Name: NICK
Spiller Company: BAYSIDE FUEL OIL DEPOT
Spiller Address: 267 BOND ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "06/10/08 - LZ This spill has been consolidated with spill # 9810785 since they are related to this same property occupied by Bayside Fuel Oil Depot Company. See information about Spill #9810785 in the cabinet files. Especially, a report by a Cleaner Environment, dated

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

3/2/99 brings detailed information about contaminated soil at 267/285 Bond Street. 267 Bond Street is the address of the office and 285 Bond Street is the address of the service garage on this same property belonging to Bayside Fuel Oil Depot Company. Both the spills refer to contaminated soil found outside those buildings; Spill # 9810785 refers to contaminated soil in connection to removed USTs;
Spill # 0208144 is about contaminated soil found at undetermined location on the site 08/21/07 - Zielinski Spoke with Tom Gibbons; he said that the department would determine soon whether the site is accepted into the Brownfield Cleanup Program; he would copy me on the decision. 08-14-07 - Zielinski In his letter, dated August 7, 2007, (eDocs) Marcus Simons of AKRF asserts that the spill site has been accepted into Brownfield Cleanup Program, BCP # C224080. Tom Gibbons of DEC is the project manager. 07/05/07- Zielinski Spill #9810785 related to the the subject spill. See information about Spill #9810785 in the cabinet files. Especially, a report by a Cleaner Environment, dated 3/2/99 brings detaied information about contaminated soil at 267/285 Bond Street. 267 Bond Street is the address of the office and 285 Bond Street is the address of the service garage on this same property belonging to Bayside Fuel Oil Depot Company. Both the spills refer to contminated soil found outside those buildings; Spill #9810785 refers to contaminated soil in connection to removed USTs; Spill # 0208144 is about contaminated soil found at undetermined location on the site 05/25/07 - Zielinski Sent a letter to Vincent Allegretti,Bayside Fuel Oil Depot Corp.,1776 Shore Parkway Brooklyn, NY, requesting information about a cause of the release and summarizing the cleanup activities, observations, post-excavation sampling results (if necessary), and also including contaminated material disposal manifests or any other documentation (i.e. invoices, bills, etc.) of cleanup activities must be submitted to this office no later than one month from the date of this letter,
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO contaminated soil letter sent/od/mt 11/14/03 TJD Marcus Simons (AKRF) @ 646 459 3527 called today to inform DEC that AKRF has been retained by prospective purchaser to perform investigation in accordance with DEC directives. AKRF was given 30 additional days to submit an investigation work plan for this site. 3/28/05 - Austin - Reassigned from DeMeo to Zhao - site is a former MOSF - work done under VCP agreement? - review for closure - end"

Remarks: "caller was hired to do aphase 2 test while doing testing contaminated soil was discovered on the site property owner is victor allegretti 1776 shore parkway brooklyn 11214 soil samples are being sent out for testing caller will contact regional office with more info"

All Materials:

Site ID:	140390
Operable Unit ID:	861131
Operable Unit:	01
Material ID:	515147
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AI327 **SOCIETY BROOKLYN** **NY MANIFEST** **S117314505**
NW **267 BOND ST** **NY SPDES** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.239 mi.
1261 ft. **Site 8 of 9 in cluster AI**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:
Name: CON EDISON
Address: 267 BOND ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP004615654
Facility Status: Not reported
Location Address 1: 267 BOND ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004615654
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/01/2014
Trans1 Recv Date: 08/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004615654
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013256173JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

SOCIETY BROOKLYN (Continued) **S117314505**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 700
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

SPDES:

Name: SOCIETY BROOKLYN
Address: 267 BOND ST
City,State,Zip: BROOKLYN, NY 11217
Permit Number: NYR11J398
State-Region: 2
Expiration Date: Not reported
Current Major Minor Status: Not reported
Primary Facility SIC Code: Not reported
State Water Body Name: Gowanus Canal
Limit Set Status Flag: Not reported
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: Not reported
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: Not reported

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Not reported
Non-Gov Facility Org Formal Name: Not reported
Non-Gov Facility Street Address: Not reported

SOCIETY BROOKLYN (Continued) **S117314505**

Non-Gov Facility Supplemental Location: Not reported
Non-Gov Facility City: Not reported
Non-Gov Facility State Code: Not reported
Non-Gov Facility Zip Code: Not reported
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

AI328 **BAYSIDE FUEL OIL CORP** **NY UST** **U004076025**
NW **267 BOND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.239 mi.
1261 ft. **Site 9 of 9 in cluster AI**

Relative:
Lower

Actual:
12 ft.

UST:
Name: BAYSIDE FUEL OIL CORP
Address: 267 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Id/Status: 2-017574 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585455.39147
UTM Y: 4503830.09242
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 145
Affiliation Type: Facility Owner
Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: TRUSTEE
Contact Name: SERGIO ALLEGRETTI
Address1: 105 STERLING COURT
Address2: Not reported
City: MUTTONTOWN
State: NY
Zip Code: 11791
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2018-10-18

Site Id: 145
Affiliation Type: Mail Contact
Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: TRUSTEE
Contact Name: SERGIO ALLEGRETTI
Address1: 105 STERLING COURT
Address2: Not reported
City: MUTTONTOWN

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

State: NY
Zip Code: 11791
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2018-10-18

Site Id: 145
Affiliation Type: Facility Operator
Company Name: BAYSIDE FUEL OIL CORP
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Site Id: 145
Affiliation Type: Emergency Contact
Company Name: VICTOR ALLEGRETTI CREDIT SHELTER TRUST
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-08-24

Tank Info:

Tank Number: 001
Tank ID: 27048
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 27049
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 27050
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 004
Tank ID: 27051
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 27052

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 006
Tank ID: 27053
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 007
Tank ID: 27054
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 27055
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 009
Tank ID: 27056
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 27057
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 011
Tank ID: 27058
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 012
Tank ID: 27059
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 013
Tank ID: 27060
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 017
Tank ID: 55722
Tank Status: Closed - Removed
Material Name: Closed - Removed

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 19
Tank ID: 271503
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1960
Date Tank Closed: 01/20/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 08/24/2017

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tank Number: 20
Tank ID: 271504
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 150
Install Date: 12/01/1960
Date Tank Closed: 01/20/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 08/24/2017

Equipment Records:

L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

AO329 **RALPHS CLEANERS** **RCRA NonGen / NLR** **1000552701**
SE **230 FIFTH AVE** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.242 mi.
1276 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
50 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: RALPHS CLEANERS
Handler Address: 230 FIFTH AVE
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYD986951069
Contact Name: RALPH MONTERO
Contact Address: FIFTH AVE
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: 718-789-2326
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY

RALPHS CLEANERS (Continued) **1000552701**

State District: NYSDEC R2
Mailing Address: FIFTH AVE
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: RALPH MONTERO
Owner Type: Private
Operator Name: RALPH MONTERO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No

RALPHS CLEANERS (Continued) **1000552701**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: RALPH MONTERO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RALPH MONTERO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RALPH MONTERO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

RALPHS CLEANERS (Continued) **1000552701**

Historic Generators:
Receive Date: 20060101
Handler Name: RALPHS CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: RALPHS CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910503
Handler Name: RALPHS CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: RALPHS CLNRS
Address: 230 FIFTH AVE
City,State,Zip: BROOKLYN, NY 11215
Country: USA

RALPHS CLEANERS (Continued) **1000552701**

EPA ID: NYD986951069
Facility Status: Not reported
Location Address 1: 230 FIFTH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986951069
Mailing Name: RALPHS CLNRS
Mailing Contact: RALPHS CLNRS
Mailing Address 1: 230 FIFTH AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187892326

AO330 **RALPH'S CLEANERS** **NY DRYCLEANERS** **S110247742**
SE **230 FIFTH AVE.** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.242 mi.
1276 ft. **Site 2 of 2 in cluster AO**

Relative: **Higher**
Actual: **50 ft.**

DRYCLEANERS:
Name: RALPH'S CLEANERS
Address: 230 FIFTH AVE.
City,State,Zip: BROOKLYN, NY 11215
Facility ID: 2-6103-00246
Phone Number: 718-789-2326
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 1931-03-03 00:00:00
Install Date: 98/03
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

AP331 **WYCKOFF GARDENS** **NY UST** **U004341918**
NE **572 WARREN STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11216**
0.242 mi.
1278 ft. **Site 1 of 2 in cluster AP**

Relative:
Higher

Actual:
25 ft.

UST:

Name:	WYCKOFF GARDENS
Address:	572 WARREN STREET
City,State,Zip:	BROOKLYN, NY 11216
Id/Status:	2-474479 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585984.12531
UTM Y:	4503917.06190
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	20914
Affiliation Type:	Mail Contact
Company Name:	PROGRESSIVE MANAGEMENT OF NY LLC
Contact Type:	Not reported
Contact Name:	ROBERT GADERO
Address1:	1044 NORTHERN BLVD
Address2:	2ND FLOOR
City:	ROSLYN
State:	NY
Zip Code:	11576
Country Code:	001
Phone:	(516) 277-9300
EMail:	IKIM@PROGRESSIVEMGMT.NET
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2021-04-01

Site Id:	20914
Affiliation Type:	Facility Operator
Company Name:	572 WARREN STREET (WYCKOFF GARDENS)
Contact Type:	Not reported
Contact Name:	RICH OSHINI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 277-9300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2021-04-01

Site Id:	20914
Affiliation Type:	Emergency Contact
Company Name:	PROGRESSIVE MANAGEMENT OF NY LLC
Contact Type:	Not reported
Contact Name:	ROBERT GADERO
Address1:	Not reported

WYCKOFF GARDENS (Continued) **U004341918**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 277-9300
EMail: Not reported
Fax Number: Not reported
Modified By: KXLIU
Date Last Modified: 2021-04-01

Site Id: 20914
Affiliation Type: Facility Owner
Company Name: BROOKLYN HOUSING PRESERVATION LP
Contact Type: DIRECTOR OF OPERATIONS
Contact Name: ILSOO KIM
Address1: 1044 NORTHERN BLVD
Address2: 2ND FLOOR
City: ROSLYN
State: NY
Zip Code: 11576
Country Code: 001
Phone: (516) 277-9300
EMail: IKIM@PROGRESSIVEMGMT.NET
Fax Number: Not reported
Modified By: KXLIU
Date Last Modified: 2021-04-01

Tank Info:

Tank Number: 1
Tank ID: 51373
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 15000
Install Date: 06/01/1996
Date Tank Closed: 11/06/2020
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 34
Date Test: 10/01/2019
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXLIU
Last Modified: 04/01/2021

Equipment Records:

K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D01 - Pipe Type - Steel/Carbon Steel/Iron

WYCKOFF GARDENS (Continued) **U004341918**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: OLD 1
Tank ID: 37631
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 10/01/1972
Date Tank Closed: 05/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

AP332 **572 WARREN ST. HOUSES -NYCHA** **NY LTANKS** **S102233327**
NE **572 WARREN ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.242 mi.
1278 ft. **Site 2 of 2 in cluster AP**

Relative: **Higher**
Actual: **25 ft.**

LTANKS:
Name: WYCKOFF CONSOLIDATED -NYCHA
Address: 572 WARREN ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9105220 / 2005-03-08
Facility ID: 9105220
Site ID: 115495
Spill Date: 1991-08-14
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 2401

572 WARREN ST. HOUSES -NYCHA (Continued) **S102233327**

Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1991-08-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1991-10-09
Spill Record Last Update: 2005-03-08
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 100643
DEC Memo: "Closed to consolidate; refer to open spill number 9602519. - J. Kolleeny 3/8/05."
Remarks: "GROSS LEAK"

All TTF:
Facility ID: 9105220
Spill Number: 9105220
Spill Tank Test: 1538899
Site ID: 115495
Tank Number: 001
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 115495
Operable Unit ID: 959405
Operable Unit: 01
Material ID: 421029
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00

572 WARREN ST. HOUSES -NYCHA (Continued) **S102233327**

Oxygenate: Not reported

SPILLS:
Name: 572 WARREN ST. HOUSES -NYCHA
Address: 572 WARREN ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9602519 / 2015-06-03
Facility ID: 9602519
Facility Type: ER
DER Facility ID: 100643
Site ID: 115496
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 1996-05-22
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 1996-05-22
CID: 365
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-05-22
Spill Record Last Update: 2015-06-03
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller Company: 001
Contact Name: CALLER
DEC Memo: "12/14/05: This spill transferred from J.Kolleeny to S.Kraszewski. 03/14/06: This spill reassigned to K.Tang. - SK 12/3/07: J.Kann - spill reassigned to J.Kann. Investigative Work Plan submitted on 11/5/07. 5/25/12: J.kann - spill priority assigned as P0 as a part of monthly reporting. 7/22/14: J.Kann - reviewed work plan. 3 permanent wells should be installed. Comments sent to NYCHA in an email today. 12/30/14: J.Kann - part of multi site stip. SIR due 3/14/15 6/3/15: J.Kann - The SIR was submitted on 4/3/15. The SIR was reviewed. 6 borings were advanced and 12 soil samples collected. Minor exceedences of PAHs in 2 locations but attributable to historic fill. 3 groundwater wells were installed and water samples collected and analyzed. Groundwater concentrations were all below TOGS 1.1.1. Site visit made today. Wells were gauged. Water only in wells. Spill closed. NFA. "
Remarks: "removing a 10,000 gallon heating oil tank. under the tank there was some trapped water that had a petroleum sheen on it. less than 10 gallons are visible."

All Materials:
Site ID: 115496

572 WARREN ST. HOUSES -NYCHA (Continued) **S102233327**

Operable Unit ID:	1033968
Operable Unit:	01
Material ID:	352337
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AQ333 **233 BUTLER ST** **NY UST** **U004045247**
NNW **233 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.243 mi.
1284 ft. **Site 1 of 3 in cluster AQ**

Relative: **Lower**

Actual: **11 ft.**

UST:

Name:	233 BUTLER ST
Address:	233 BUTLER STREET
City,State,Zip:	BROOKLYN, NY 11217
Id/Status:	2-608855 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	585642.65679
UTM Y:	4503956.00844
Site Type:	Other

Affiliation Records:

Site Id:	30704
Affiliation Type:	Facility Owner
Company Name:	STEVEN UHRIK & LAWRENCE TRIPIANO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	233 BUTLER ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 855-2850
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	30704
Affiliation Type:	Mail Contact
Company Name:	STEVE UHRIK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	233 BUTLER STREET
Address2:	Not reported
City:	BROOKLYN

233 BUTLER ST (Continued) **U004045247**

State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 855-2850
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 30704
Affiliation Type: Facility Operator
Company Name: 233 BUTLER ST
Contact Type: Not reported
Contact Name: UHRIK & TRUPIANO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-2850
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 30704
Affiliation Type: Emergency Contact
Company Name: STEVEN UHRIK & LAWRENCE TRIPIANO
Contact Type: Not reported
Contact Name: STEVE UHRIK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 658-7723
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 65879
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

233 BUTLER ST (Continued) **U004045247**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

AQ334 **SPILL NUMBER 0212934** **NY LTANKS** **S105998554**
NNW **233 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.243 mi.
1284 ft. **Site 2 of 3 in cluster AQ**

Relative: **Lower**
Actual: **11 ft.**

LTANKS:
Name: SPILL NUMBER 0212934
Address: 233 BUTLER ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0212934 / 2003-09-03
Facility ID: 0212934
Site ID: 180335
Spill Date: 2003-03-31
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2003-03-31
CID: 418
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-03-31
Spill Record Last Update: 2003-09-03
Spiller Name: STEVE UHRIK
Spiller Company: Not reported
Spiller Address: 233 BUTLER ST
Spiller County: 001
Spiller Contact: STEVE UHRIK
Spiller Phone: (718) 855-2850
Spiller Extention: Not reported
DEC Region: 2

SPILL NUMBER 0212934 (Continued) **S105998554**

DER Facility ID: 151261
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 3/31/03 TIPPLE SPOKE WITH OWNER, REGISTRATION PENDING TEST RESULTS, MR.UHRIK HAS BEEN NEGOTIATING REGISTRATION DETAILS WITH LEGAL. LEAK REPORTED TO BE A DRY LEAK. 9/3/2003 Sangesland received a letter with lab data from Steve Uhrik of New York String Service (718-237-2532). Soil borings taken from around the abandoned tank came back all clean nondetect . Spill Closed"
Remarks: "VIOLATION CODE D2-1557-01-03 "

All Materials:
Site ID: 180335
Operable Unit ID: 866401
Operable Unit: 01
Material ID: 512653
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AM335 **NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CA** **RCRA-LQG** **1001090370**
WNW **UNION ST BRIDGE OVER GOWANUS CANAL** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.246 mi.
1299 ft. **Site 6 of 6 in cluster AM**

Relative: RCRA-LQG:
Lower
Date Form Received by Agency: 20190222
Actual: Handler Name: NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL
14 ft. Handler Address: UNION ST BRIDGE OVER GOWANUS CANAL
Handler City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYR000022079
Contact Name: ALEX BEZCHASTNOV
Contact Address: WATER ST
Contact City,State,Zip: NEW YORK 10041
Contact Telephone: 212-839-6613
Contact Fax: Not reported
Contact Email: ABEZCHASTNOV@DOT.NYC.GOV
Contact Title: INDUSTRIAL HYGIENIST
EPA Region: 02
Land Type: Municipal
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: WATER ST
Mailing City,State,Zip: NEW YORK, NY 10041
Owner Name: NYCDOT BRIDGES
Owner Type: Municipal
Operator Name: NYCDOT BRIDGES

NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL (Continued) **1001090370**

Operator Type: Municipal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190306
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL (Continued) **1001090370**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDOT
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2083
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCDOT BRIDGES
Legal Status: Municipal
Date Became Current: 19830515
Date Ended Current: Not reported
Owner/Operator Address: 55 WATER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10041
Owner/Operator Telephone: 212-839-6613
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ABEZCHASTNOV@DOT.NYC.GOV

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDOT
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2083
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCDOT
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 RECTOR ST
Owner/Operator City,State,Zip: NEW YORK, NY 10006
Owner/Operator Telephone: 212-788-2083
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL (Continued) **1001090370**

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDOT BRIDGES
Legal Status: Municipal
Date Became Current: 19800313
Date Ended Current: Not reported
Owner/Operator Address: 55 WATER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10041
Owner/Operator Telephone: 212-839-6613
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ABEZCHASTNOV@DOT.NYC.GOV

Historic Generators:
Receive Date: 20060101
Handler Name: NYCDOT BIN 2240270
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCDOT BIN 2240270
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960410
Handler Name: NYCDOT BIN 2240270
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190222
Handler Name: NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

NYCDOT BIN 2240270 UNION ST BRIDGE OVER GOWANUS CANAL (Continued) **1001090370**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 48899
NAICS Description: OTHER SUPPORT ACTIVITIES FOR TRANSPORTATION

NAICS Code: 926120
NAICS Description: REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYCDOT
Address: UNION ST BRIDGE OVER
City,State,Zip: BROOKLYN, NY 11231
Country: USA
EPA ID: NYR000022079
Facility Status: Not reported
Location Address 1: UNION ST BR OVER GOWANIS CANAL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11231
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000022079
Mailing Name: NYCDOT
Mailing Contact: JOHN ANZALONE
Mailing Address 1: 2 RECTOR STREET 8TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10006
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2127882083

AR336 **DENTS OUT AUTO BODY LTD** **SEMS-ARCHIVE** **1003864459**
West **327 BOND ST** **RCRA NonGen / NLR** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.246 mi.
1300 ft. **Site 1 of 2 in cluster AR**

Relative:
Lower

Actual:
13 ft.

SEMS Archive:

Site ID:	0203501
EPA ID:	NYD986961167
Name:	VIDAN AUTO SALVAGE
Address:	327-321 BOND STREET
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11231
Cong District:	13
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0203501
EPA ID:	NYD986961167
Site Name:	VIDAN AUTO SALVAGE
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1999-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0203501
EPA ID:	NYD986961167
Site Name:	VIDAN AUTO SALVAGE
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1998-05-27 04:00:00
Finish Date:	1998-12-29 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0203501
EPA ID:	NYD986961167
Site Name:	VIDAN AUTO SALVAGE
NPL:	N
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

Start Date: 1991-06-25 04:00:00
Finish Date: 1991-09-26 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0203501
EPA ID: NYD986961167
Site Name: VIDAN AUTO SALVAGE
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1991-07-01 04:00:00
Finish Date: 1991-09-25 04:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 02
Site ID: 0203501
EPA ID: NYD986961167
Site Name: VIDAN AUTO SALVAGE
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-06-25 04:00:00
Finish Date: 1991-06-25 04:00:00
Qual: Not reported
Current Action Lead: St Perf

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: DENTS OUT AUTO BODY LTD
Handler Address: 327 BOND ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYD986961167
Contact Name: MICHAEL PLANTZ
Contact Address: BOND ST
Contact City,State,Zip: BROOKLYN, NY 11215
Contact Telephone: 718-488-5936
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

State District: NYSDEC R2
Mailing Address: BOND ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: MICHAEL PLANTZ
Owner Type: Private
Operator Name: MICHAEL PLANTZ
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAEL PLANTZ
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 327 BOND ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-5936
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAEL PLANTZ
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 327 BOND ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-5936

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHAEL PLANTZ
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 327 BOND ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11215
Owner/Operator Telephone: 718-488-5936
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: DENTS OUT AUTO BODY LTD
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: DENTS OUT AUTO BODY LTD
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930510
Handler Name: DENTS OUT AUTO BODY LTD
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AK337 **259 BOND STREET** **NY UST** **U003712137**
NW **259 BOND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 112**
0.247 mi.
1303 ft. **Site 14 of 15 in cluster AK**

Relative:
Lower

Actual:
12 ft.

UST:
Name: 259 BOND STREET
Address: 259 BOND STREET
City,State,Zip: BROOKLYN, NY 112
Id/Status: 2-604303 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585510.42307
UTM Y: 4503863.93419
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 26181
Affiliation Type: Facility Owner
Company Name: S.USDAN C/O MIDWOOD MANAGEMENT CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 60 EAST 42ND STREET, SUITE 1814
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10165
Country Code: 001
Phone: (212) 682-9595
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26181
Affiliation Type: Mail Contact
Company Name: MIDWOOD MANAGEMENT CORP
Contact Type: Not reported
Contact Name: PAUL MANDEL
Address1: 60 EAST 42ND STREET, SUITE 1814
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10165

259 BOND STREET (Continued) **U003712137**

Country Code: 001
Phone: (212) 682-9595
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26181
Affiliation Type: Facility Operator
Company Name: 259 BOND STREET
Contact Type: Not reported
Contact Name: MIDWOOD MANAGEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 682-9595
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26181
Affiliation Type: Emergency Contact
Company Name: S.USDAN C/O MIDWOOD MANAGEMENT CORP
Contact Type: Not reported
Contact Name: PAUL MANDEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 682-9595
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 57327
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN

259 BOND STREET (Continued) **U003712137**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None

AK338 **NYCDEP** **NY MANIFEST** **1009244244**
NW **259 BOND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.247 mi.
1303 ft. **Site 15 of 15 in cluster AK**

Relative: **Lower**
Actual: **12 ft.**

NY MANIFEST:
Name: NYCDEP
Address: 259 BOND ST
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYP010000768
Facility Status: Not reported
Location Address 1: 259 BOND ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP010000768
Mailing Name: NYCDEP
Mailing Contact: STANLEY SIEBENBERG
Mailing Address 1: 259 BOND STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185954651

AN339 **CON EDISON** **NY MANIFEST** **S117737101**
North **497 BALTIC** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.248 mi.
1312 ft. **Site 2 of 3 in cluster AN**

Relative: **Lower**

Actual: **15 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	497 BALTIC
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYP004607859
Facility Status:	Not reported
Location Address 1:	497 BALTIC
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004607859
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/25/2014
Trans1 Recv Date:	07/25/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/25/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004607859
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013256190JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117737101**

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 700
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

AS340 **CON EDISON SERVICE BOX: 868** **RCRA NonGen / NLR** **1016968949**
South **100 4TH ST & 2ND AVE** **ECHO** **N/A**
1/8-1/4 **NEW YORK, NY 10003** **FINDS**
0.249 mi. **NY MANIFEST**
1316 ft. **Site 1 of 2 in cluster AS**

Relative: **Higher**
Actual: **26 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20140226
Handler Name: CON EDISON SERVICE BOX: 868
Handler Address: 100 4TH ST & 2ND AVE
Handler City,State,Zip: NEW YORK, NY 10003
EPA ID: NYP004425880
Contact Name: THOMAS TEELING
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 212-460-3770
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SENIOR SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PL, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported

CON EDISON SERVICE BOX: 868 (Continued) **1016968949**

Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20141014
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

CON EDISON SERVICE BOX: 868 (Continued) **1016968949**

Historic Generators:
Receive Date: 20140126
Handler Name: CON EDISON SERVICE BOX: 868
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140226
Handler Name: CON EDISON SERVICE BOX: 868
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110064110260

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1016968949
Registry ID: 110064110260
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110064110260
Name: CON EDISON SERVICE BOX: 868
Address: 100 4TH ST & 2ND AVE

CON EDISON SERVICE BOX: 868 (Continued) **1016968949**

City,State,Zip: NEW YORK, NY 10003

NY MANIFEST:
Name: CON EDISON
Address: 100 4TH ST & 2ND AVE
City,State,Zip: NEW YORK, NY 10003
Country: USA
EPA ID: NYP004425880
Facility Status: Not reported
Location Address 1: 100 E 4TH ST & 2ND AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10003
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004425880
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/26/2014
Trans1 Recv Date: 01/26/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/28/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004425880
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002329120GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: Y

CON EDISON SERVICE BOX: 868 (Continued) **1016968949**

Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	NJD991291105
Alt Facility Sign Date:	02/04/2014
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AR341 **335 BOND STREET** **NY BROWNFIELDS** **S117936667**
West **335 BOND STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11231**
0.253 mi.
1337 ft. **Site 2 of 2 in cluster AR**

Relative: **Lower**
Actual: **14 ft.**

BROWNFIELDS:

Name:	335 BOND STREET
Address:	335 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Program:	BCP
Site Code:	507653
Acres:	0.360
HW Code:	C224225
SWIS:	2401
Town:	New York City
Record Added Date:	05/08/2015
Record Updated Date:	04/13/2021
Update By:	JBSWARTO
Site Description:	"Location: The site is located in an urban area, in the Gowanus neighborhood of Brooklyn. The site is bound by a two-story residential building and an industrial lot to the north; a two-story industrial and commercial building to the east; Carroll Street to the south; and Bond Street to the west. Site Features: The approximately 0.36 acre site consists of a one-story building that includes a partial cellar, which houses an abandoned above ground storage tank (AST) in a concrete vault. Current Zoning/Use: The subject property is located in an M2-1 manufacturing district and is currently occupied by an office building and garage operated by a private car and limousine service. Historic Use: Past uses include a masonry materials, lath and lumber yard (1886 to 1922), a garage with possible auto servicing and gasoline storage (1925 to 1938), commercial delivery service (1969 to 1980), manufacturing (1981 to 1996), and a commercial car/livery service (appoximately 2002 to

335 BOND STREET (Continued) **S117936667**

present). Site Geology and Hydrogeology: Subsurface strata at the site consists of fill material characterized by loose, brown, fine to coarse sand with some brick and concrete fragments, and trace coal ash. The fill layer extends to depths ranging from approximately 4 feet below ground surface (bgs) to 8.5 feet bgs and is intersected by layers of degraded concrete and brick at varying depths. The fill layer is underlain by native soil characterized by sands and silty sands. Bedrock is part of the Hartland Formation. Groundwater occurs at depths ranging from approximately 6 to 8.5 feet bgs."

Env Problem: "Soil, groundwater, and soil vapor has been impacted by chlorinated solvents, especially in the garage area. There is also the potential for impact to soil, groundwater, and soil vapor from an abandoned 1000 gallon above ground storage tank located in a vault in the basement and from gasoline storage tanks which were formerly locat on the property. "

Health Problem: "Direct contact with contaminants in soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion at the current on-site building. The potential exists for indoor air quality impacts offsite."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Eduard Slinin
Owner Company: E & M Realty Corp.
Owner Address: 335 Bond Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Eduard Slinin
Owner Company: E & M Realty Corp.
Owner Address: 335 Bond Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository

335 BOND STREET (Continued) **S117936667**

Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AS342 **CON EDISON CO. OF NY INC. @ F/T FACILITY** **NY SWF/LF** **S105841902**
South **3RD AVE (BET. 3RD & 4TH)** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.262 mi.
1385 ft. **Site 2 of 2 in cluster AS**

Relative: **Higher**
Actual: **27 ft.**

SWF/LF:

Name:	CON EDISON CO. OF NY INC. @ F/T FACILITY
Address:	3RD AVE (BET. 3RD & 4TH)
City,State,Zip:	BROOKLYN, NY 11215
Flag:	INACTIVE
Region Code:	2
Phone Number:	2124604833
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	HARRY A. COATES
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W18]
Active:	No
East Coordinate:	585800
North Coordinate:	4503100
Accuracy Code:	Not reported

CON EDISON CO. OF NY INC. @ F/T FACILITY (Continued) **S105841902**

Regulatory Status: Permit
Waste Type: Not reported
Authorization #: 2-6103-00073
Authorization Date: 1/24/1991
Expiration Date: 1/24/1996
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

AN343 **WYCKOFF GARDENS** **NY LTANKS** **S104283696**
North **185 NEVINS ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.275 mi.
1451 ft. **Site 3 of 3 in cluster AN**

Relative: **Lower**

Actual: **17 ft.**

LTANKS:
Name: WYCKOFF GARDENS
Address: 185 NEVINS ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9811464 / 1999-05-14
Facility ID: 9811464
Site ID: 237645
Spill Date: 1998-12-11
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1998-12-11
CID: 365
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-12-11
Spill Record Last Update: 1999-05-14
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: FRANK OCELLO
Spiller Phone: (212) 306-3229
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 195738
DEC Memo: ""
Remarks: "FAILURE OF HORNER EZ 3 TANK TEST"

All TTF:
Facility ID: 9811464
Spill Number: 9811464
Spill Tank Test: 1546630
Site ID: 237645

WYCKOFF GARDENS (Continued) **S104283696**

Tank Number: 2
Tank Size: 25000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 237645
Operable Unit ID: 1068845
Operable Unit: 01
Material ID: 311761
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AT344 **175 3RD STREET** **NY LTANKS S104073401**
SW **175 3RD STREET** **NY Spills N/A**
1/4-1/2 **BROOKLYN, NY**
0.277 mi.
1460 ft. **Site 1 of 3 in cluster AT**

Relative: **Lower**
Actual: **4 ft.**

LTANKS:
Name: 175 3RD STREET
Address: 175 3RD STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9208180 / 1992-10-15
Facility ID: 9208180
Site ID: 103805
Spill Date: 1992-10-14
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: 1992-10-15
SWIS: 2401
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 1992-10-15
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True

175 3RD STREET (Continued) **S104073401**

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-10-15
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 91764
DEC Memo: ""
Remarks: "INITIAL INVESTIGATION SEEMS TO SHOW SURFACE TYPE SPILLAGE-SAMPLES IS BEING TESTED."

All Materials:
Site ID: 103805
Operable Unit ID: 975104
Operable Unit: 01
Material ID: 408780
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: NYNEX
Address: 175 3RD STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9402981 / 2000-12-04
Facility ID: 9402981
Facility Type: ER
DER Facility ID: 91764
Site ID: 315352
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 2401
Spill Date: 1994-05-31
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1994-05-31
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

175 3RD STREET (Continued) **S104073401**

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-06-29
Spill Record Last Update: 2003-11-05
Spiller Name: Not reported
Spiller Company: PETER INGRASSIA
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE TRANSFERED FROM SIGONA TO TIBBE ON 12/4/00. SEE FILE."
Remarks: "CONDUCTING A TANK REMOVAL AND FOUND SOIL CONTAMINATION . NOTIFIED DEP"

All Materials:
Site ID: 315352
Operable Unit ID: 996778
Operable Unit: 01
Material ID: 383153
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

Name: BELL ATLANTIC
Address: 175 3RD STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9706734 / 1997-09-05
Facility ID: 9706734
Facility Type: ER
DER Facility ID: 91764
Site ID: 315353
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 1997-09-05
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1997-09-05
CID: 312
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-09-05
Spill Record Last Update: 1997-09-08
Spiller Name: Not reported

175 3RD STREET (Continued) **S104073401**

Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: IKE DEJESUS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG REFERRED DEP. HAZMAT & SANITATION. 212 219-8090"
Remarks: "SPILL IFO THE MAIN DRIVEWAY - REQ A CALLBACK"

All Materials:
Site ID: 315353
Operable Unit ID: 1050097
Operable Unit: 01
Material ID: 332318
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AT345 **175-225 3RD STREET** **NY BROWNFIELDS** **S117535357**
SW **175-225 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.277 mi.
1460 ft. **Site 2 of 3 in cluster AT**

Relative: **Lower**

Actual: **4 ft.**

BROWNFIELDS:
Name: 175-225 3RD STREET
Address: 175-225 3RD STREET
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 504582
Acres: 3.200
HW Code: C224209
SWIS: 2401
Town: New York City
Record Added Date: 02/12/2015
Record Updated Date: 11/02/2021
Update By: JHOCONNE
Site Description: "Location: The about 140,000-square-foot (3.2 acres) site is located at 175-225 3rd Street in the Gowanus neighborhood of Brooklyn, New York (Block 972, Lots 1, 43, and 58). Site Features: The rectangular-shaped site is occupied by a Verizon service center. Lot 1 is adjacent to the Gowanus Canal and is generally covered by vegetation and trees and does not contain structures or foundations. Lot 1 is fenced off at its three landward boundaries and is not accessible to pedestrians or vehicles. Lot 43 is the easternmost lot and contains asphalt-paved parking areas and an about 7,100-square-foot, single-story, pre-fabricated building with sheet metal walls. Verizon currently uses the building for offices and storage. Lot 58 contains an approximately 8,300-square-foot single-story brick building, an open-ended steel storage shed, and asphalt paved parking areas. The building is used as a work operations center and service garage. The site is bound to the north by a closed section of 2nd Street, to the east by 3rd Avenue, to the

175-225 3RD STREET (Continued) **S117535357**

south by 3rd Street, and to the west by the Gowanus Canal. Current Zoning: The site is located in an M2-1 manufacturing district which allows for office spaces. Historic Use: Historical use of the site includes a coal and stone yard with wagon painting (1886 to 1904), blacksmith (1904), a transit facility with iron coal conveyor transecting the site from east to west (1915 to 1938), an automobile wrecking facility (1934 to 1950), a filling station with gasoline tanks (1950 to 1977), and automobile repair facilities with hydraulic lifts, drums, and waste oil storage (1950 to present). Site Geology and Hydrogeology: The site sits at an elevation of approximately 10 feet above mean sea level with site grade ranging from about elevation (el) 17 in the southeast to el 9.4 in the southwest. The topography of the site is generally level, and the surrounding area slopes gently toward the southwest. The subsurface consists of historic urban fill characterized by brown silty sand with gravel, concrete, wood, brick, stone and debris extending to varying depths of 8 to 14.5 feet below grade. The Fill material is underlain by either an organic layer consisting of soft silt and clay or by a fine- to coarse-grained sand layer with varying amounts of silt and gravel. Groundwater is present beneath the site at 2.5 to 9.3 feet below surface grade or elevation 1.83 at low tide to elevation 8.54 (NAVD88)at high tide. "

Env Problem: "Nature and Extent of Contamination: The site is contaminated with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals from a history of light industrial activity including use of petroleum and hazardous materials, the presence of historic fill, and potential impacts from off-site sources. Petroleum-related impacts appear to be limited to the western portion of the site, near releases from historic underground storage tanks (USTs). Soil The primary contaminants of concern in soil are SVOCs and metals, which exceed the soil cleanup objectives (SCOs) for commercial use. SVOCs are present primarily on the western portion of the site from depths of 2 to 10 feet below surface grade. Petroleum impacts were also observed in this area and depth range. SVOCs that exceed the SCOs for commercial use include: acenaphthene as high as 1,530 parts per million (ppm) compared to the SCO of 500 ppm; acenaphthylene as high as 1,490 ppm compared to the SCO of 500 ppm; anthracene as high as 842 ppm compared to the SCO of 500 ppm; benzo(a)anthracene as high as 274 ppm compared to the SCO of 5.6 ppm; benzo(a)pyrene as high as 153 ppm compared to the SCO of 1 ppm; benzo(k)fluoranthene as high as 99.7 ppm compared to the SCO of 56 ppm; chrysene as high as 352 ppm compared to the SCO of 56 ppm; diben(a,h)anthracene as high as 1.79 ppm compared to the SCO of 0.56 ppm; fluoranthene as high as 1,370 ppm compared to the SCO of 500 ppm; fluorene as high as 1,480 ppm compared to the SCO of 500 ppm; naphthalene as high as 14,700 ppm compared to the SCO of 500 ppm; phenanthrene as high as 3,720 ppm compared to the SCO of 500 ppm; and pyrene as high as 2,050 ppm compared to the SCO of 500 ppm. VOCs detected in the soil exceed the unrestricted use SCOs but are below the SCOs for commercial use, and include: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, n-propylbenzene, toluene, and xylenes. Metals detected in soil at concentrations that exceed the commercial use SCOs include: arsenic as high as 81.7 ppm compared to the SCO of 16 ppm; barium as high as 9,100 ppm compared to the SCO of 400 ppm; cadmium as high as 885 ppm compared to the SCO of 9.3 ppm; copper as high as 3,210 ppm compared to the SCO of 270 ppm; lead as high as 7,190 ppm compared to the SCO of 1,000 ppm; mercury as high

175-225 3RD STREET (Continued) **S117535357**

as 26.4 ppm compared to the SCO of 2.8 ppm; and zinc as high as 18,400 ppm compared to the SCO of 10,000 ppm. Two samples of lead exceeded the RCRA hazardous waste regulatory limit, as determined by Toxic Characteristic Leachate Procedure (TCLP) analysis. Two TCLP samples had concentrations of 7.57 ppm and 25.7 ppm compared to the RCRA standard of 5 ppm. Groundwater The primary contaminants of concern in groundwater are VOCs and SVOCs. VOCs in groundwater that exceed the Ambient Water Quality Standards (AWQS) include: 1,2,4-trimethylbenzene as high as 71 parts per billion (ppb); 1,3,5-trimethylbenzene as high as 140 ppb; ethylbenzene as high as 770 ppb; n-propylbenzene as high as 26 ppb; toluene as high as 190 ppb; and total xylenes as high as 630 ppb, all of which have a AWQS of 5 ppb. Benzene was detected at 24 ppb compared to the AWQS of 1 ppb. SVOCs in groundwater that exceed the AWQS of 0.002 ppb include: benzo(a)anthracene as high as 0.49 ppb; benzo(a)pyrene as high as 1.03 ppb; benzo(b)fluoranthene as high as 0.26 ppb; benzo(k)fluoranthene as high as 0.32 ppb; and chrysene as high as 0.38 ppb. Naphthalene was detected as high as 7,070 ppb compared to the AWQS of 10 ppb. Bis(2-ethylhexyl)phthalate was also detected in groundwater at a concentration of 159 ppb compared to the AWQS of 5 ppb. Soil vapor One sub-slab soil vapor sample was collected from beneath the slab of the auto repair garage and identified tetrachloroethylene (PCE) at 510 micrograms per cubic meter (g/m3) and trichloroethylene (TCE) at 33 g/m3. TCE was also detected in two other soil vapor samples (not sub-slab) at a maximum of 300 g/m3. Other petroleum-related VOCs were also detected in soil vapor samples at elevated concentrations. "

Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-02-12 10:09:00
Record Upd:	2015-02-24 11:30:00
Updated By:	DPMECOMB
Own Op:	1
Sub Type:	06
Owner Name:	Laurent Morali
Owner Company:	175-225 Third Owner LLC
Owner Address:	c/o Kushner Companies
Owner Addr2:	666 Fifth Avenue - 15th Floor
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Laurent Morali
Owner Company:	175-225 Third Owner LLC
Owner Address:	c/o Kushner Companies
Owner Addr2:	666 Fifth Avenue - 15th Floor
Owner City,St,Zip:	New York, NY 10013

175-225 3RD STREET (Continued) **S117535357**

Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	Patricia Otterstedt
Owner Company:	Global Corporate Service Verizon Account
Owner Address:	201 Centennial Avenue
Owner Addr2:	Room 1S-182
Owner City,St,Zip:	Piscataway, NJ 08854
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Park Slope Library
Owner Address:	431 6th Avenue at 9th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11213
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	tom lavin
Owner Company:	Gowanus Owner LLC
Owner Address:	c/o RFR Holding LLC
Owner Addr2:	390 Park Ave.
Owner City,St,Zip:	New York, NY
Owner Country:	United States of America
HW Code:	C224209
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	ZINC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	1,3,5-Trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

175-225 3RD STREET (Continued) **S117535357**

HW Code:	C224209
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	ACENAPTHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	FLUORENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	DIBENZ[A,H]ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BIS(2-ETHYLHEXYL)PHTHALATE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	1,2,4-TRICHLOROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209

175-225 3RD STREET (Continued) **S117535357**

Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	PHENANTHRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224209
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1405008
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2021-03-30 12:38:00
Record Updated:	2021-03-30 12:38:00
Updated By:	JHOCONNE

AQ346 **BASIN HAULAGE INC. I** **NY SWF/LF** **S105841893**
NNW **462-470 BALTIC STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11217**
0.278 mi.
1469 ft. **Site 3 of 3 in cluster AQ**

Relative: SWF/LF:
Lower

Actual:
12 ft.

Name:	BASIN HAULAGE INC. I
Address:	462-470 BALTIC STREET
City,State,Zip:	BROOKLYN, NY 11217
Flag:	INACTIVE
Region Code:	2
Phone Number:	7188210310
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	STEPHEN SPALLINO; PRESIDENT
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W22]

BASIN HAULAGE INC. I (Continued) **S105841893**

Active:	No
East Coordinate:	585620
North Coordinate:	4504031
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6103-00054
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AU347 **GOWANUS VILLAGE I** **NY INST CONTROL** **S121933912**
WSW **153 2ND ST A/K/A 322 3RD AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11217**
0.278 mi.
1470 ft. **Site 1 of 2 in cluster AU**

Relative: **Lower**

Actual: **6 ft.**

INST CONTROL:

Name:	GOWANUS VILLAGE I
Address:	153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip:	BROOKLYN, NY 11217
Site Code:	332623
Control Name:	Site Management Plan
HW Code:	C224099
Control Code:	32
Control Type:	INST
Dt record added:	12/20/2017
Dt rec updated:	09/21/2020
Updated By:	RPMUSTIC
Site Code:	332623
Site Description:	"Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was

GOWANUS VILLAGE I (Continued) **S121933912**

transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "

Env Problem: "Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40'39"N / 73:59'18"W
Dell: False
Record Add: 2004-10-20 08:42:00
Record Upd: 2017-12-19 11:48:00
Updated By: JCGRATHW
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Initiative, Inc.
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231

GOWANUS VILLAGE I (Continued) **S121933912**

Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: BRT Powerhouse LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public library - pacific branch
Owner Address: 25 4th avenue
Owner Addr2: Not reported
Owner City,St,Zip: brooklyn, NY 11217
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Park Slope Library
Owner Address: 431 6th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Subsidiary LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Brian Davidson
Owner Company: NYSDEC
Owner Address: 625 Broadway - 12th Fl.
Owner Addr2: Not reported
Owner City,St,Zip: Albany, NY 12233-7016
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: BRT Powerhouse LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
HW Code: C224099
Waste Type: 1,4-dichlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported

GOWANUS VILLAGE I (Continued) **S121933912**

HW Code:	C224099
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	08/21/2012
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2016-06-22 08:50:00
Record Updated:	2016-06-22 08:50:00
Updated By:	JCGRATHW
Crossref ID:	C224099-08-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-05-24 09:26:00
Record Updated:	2013-05-24 09:26:00
Updated By:	BRWOLOSE
Crossref ID:	1609964
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-03-30 07:42:00
Record Updated:	2017-03-30 07:42:00

GOWANUS VILLAGE I (Continued) **S121933912**

Updated By:	JCGRATHW
Crossref ID:	2017000371814
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-17 09:44:00
Record Updated:	2017-11-17 09:44:00
Updated By:	JCGRATHW
Name:	GOWANUS VILLAGE I
Address:	153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip:	BROOKLYN, NY 11217
Site Code:	332623
Control Name:	O&M Plan
HW Code:	C224099
Control Code:	33
Control Type:	INST
Dt record added:	12/20/2017
Dt rec updated:	09/21/2020
Updated By:	RPMUSTIC
Site Code:	332623
Site Description:	"Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "
Env Problem:	"Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require

GOWANUS VILLAGE I (Continued) **S121933912**

additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40'39"N / 73:59'18"W
Dell: False
Record Add: 2004-10-20 08:42:00
Record Upd: 2017-12-19 11:48:00
Updated By: JCGRATHW
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Initiative, Inc.
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: BRT Powerhouse LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

GOWANUS VILLAGE I (Continued) **S121933912**

Owner Name: Not reported
Owner Company: Brooklyn Public library - pacific branch
Owner Address: 25 4th avenue
Owner Addr2: Not reported
Owner City,St,Zip: brooklyn, NY 11217
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Park Slope Library
Owner Address: 431 6th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Subsidiary LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Brian Davidson
Owner Company: NYSDEC
Owner Address: 625 Broadway - 12th Fl.
Owner Addr2: Not reported
Owner City,St,Zip: Albany, NY 12233-7016
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: BRT Powerhouse LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
HW Code: C224099
Waste Type: 1,4-dichlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: lead
Waste Quantity: UNKNOWN

GOWANUS VILLAGE I (Continued) **S121933912**

Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	08/21/2012
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2016-06-22 08:50:00
Record Updated:	2016-06-22 08:50:00
Updated By:	JCGRATHW
Crossref ID:	C224099-08-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-05-24 09:26:00
Record Updated:	2013-05-24 09:26:00
Updated By:	BRWOLOSE
Crossref ID:	1609964
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-03-30 07:42:00
Record Updated:	2017-03-30 07:42:00
Updated By:	JCGRATHW
Crossref ID:	2017000371814
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-17 09:44:00
Record Updated:	2017-11-17 09:44:00
Updated By:	JCGRATHW

Name:	GOWANUS VILLAGE I
Address:	153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip:	BROOKLYN, NY 11217

GOWANUS VILLAGE I (Continued) **S121933912**

Site Code: 332623
Control Name: Soil Management Plan
HW Code: C224099
Control Code: 14
Control Type: INST
Dt record added: 12/20/2017
Dt rec updated: 09/21/2020
Updated By: RPMUSTIC
Site Code: 332623
Site Description: "Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "
Env Problem: "Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil

GOWANUS VILLAGE I (Continued) **S121933912**

Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40'39"N / 73:59'18"W
Dell:	False
Record Add:	2004-10-20 08:42:00
Record Upd:	2017-12-19 11:48:00
Updated By:	JCGRATHW
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Initiative, Inc.
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Park Slope Library
Owner Address:	431 6th Avenue

GOWANUS VILLAGE I (Continued) **S121933912**

Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Subsidiary LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Brian Davidson
Owner Company:	NYSDEC
Owner Address:	625 Broadway - 12th Fl.
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12233-7016
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224099
Waste Type:	1,4-dichlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)

GOWANUS VILLAGE I (Continued) **S121933912**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	08/21/2012
Cross Ref Type Code:	26
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Record Updated:	2016-06-22 08:50:00
Updated By:	JCGRATHW
Crossref ID:	C224099-08-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-05-24 09:26:00
Record Updated:	2013-05-24 09:26:00
Updated By:	BRWOLOSE
Crossref ID:	1609964
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-03-30 07:42:00
Record Updated:	2017-03-30 07:42:00
Updated By:	JCGRATHW
Crossref ID:	2017000371814
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-17 09:44:00
Record Updated:	2017-11-17 09:44:00
Updated By:	JCGRATHW
Name:	GOWANUS VILLAGE I
Address:	153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip:	BROOKLYN, NY 11217
Site Code:	332623
Control Name:	Ground Water Use Restriction
HW Code:	C224099
Control Code:	08
Control Type:	INST
Dt record added:	12/20/2017
Dt rec updated:	09/21/2020
Updated By:	RPMUSTIC
Site Code:	332623
Site Description:	"Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322

GOWANUS VILLAGE I (Continued) **S121933912**

3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "

Env Problem: "Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining

GOWANUS VILLAGE I (Continued) **S121933912**

contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40'39"N / 73:59'18"W
Dell: False
Record Add: 2004-10-20 08:42:00
Record Upd: 2017-12-19 11:48:00
Updated By: JCGRATHW
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Initiative, Inc.
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: BRT Powerhouse LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public library - pacific branch
Owner Address: 25 4th avenue
Owner Addr2: Not reported
Owner City,St,Zip: brooklyn, NY 11217
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Park Slope Library
Owner Address: 431 6th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Subsidiary LLC
Owner Address: 98 4th Street
Owner Addr2: Suite 406
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America

GOWANUS VILLAGE I (Continued) **S121933912**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Brian Davidson
Owner Company:	NYSDEC
Owner Address:	625 Broadway - 12th Fl.
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12233-7016
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224099
Waste Type:	1,4-dichlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099

GOWANUS VILLAGE I (Continued) **S121933912**

Waste Type: copper
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: arsenic
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 08/21/2012
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-06-22 08:50:00
Record Updated: 2016-06-22 08:50:00
Updated By: JCGRATHW
Crossref ID: C224099-08-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-05-24 09:26:00
Record Updated: 2013-05-24 09:26:00
Updated By: BRWOLOSE
Crossref ID: 1609964
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-03-30 07:42:00
Record Updated: 2017-03-30 07:42:00
Updated By: JCGRATHW
Crossref ID: 2017000371814
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-17 09:44:00
Record Updated: 2017-11-17 09:44:00
Updated By: JCGRATHW

Name: GOWANUS VILLAGE I
Address: 153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip: BROOKLYN, NY 11217
Site Code: 332623
Control Name: IC/EC Plan
HW Code: C224099
Control Code: 34
Control Type: INST
Dt record added: 12/20/2017
Dt rec updated: 09/21/2020
Updated By: RPMUSTIC
Site Code: 332623
Site Description: "Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue

GOWANUS VILLAGE I (Continued) **S121933912**

and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "

Env Problem: "Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

GOWANUS VILLAGE I (Continued) **S121933912**

Disp Term:	Not reported
Lat/Long:	40:40'39"N / 73:59'18"W
Dell:	False
Record Add:	2004-10-20 08:42:00
Record Upd:	2017-12-19 11:48:00
Updated By:	JCGRATHW
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Initiative, Inc.
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Park Slope Library
Owner Address:	431 6th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Subsidiary LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Brian Davidson
Owner Company:	I00 - Overfill - None
Owner Address:	625 Broadway - 12th Fl.
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12233-7016
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon

GOWANUS VILLAGE I (Continued) **S121933912**

Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224099
Waste Type:	1,4-dichlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	08/21/2012
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2016-06-22 08:50:00

GOWANUS VILLAGE I (Continued) **S121933912**

Record Updated: 2016-06-22 08:50:00
Updated By: JCGRATHW
Crossref ID: C224099-08-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-05-24 09:26:00
Record Updated: 2013-05-24 09:26:00
Updated By: BRWOLOSE
Crossref ID: 1609964
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-03-30 07:42:00
Record Updated: 2017-03-30 07:42:00
Updated By: JCGRATHW
Crossref ID: 2017000371814
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-17 09:44:00
Record Updated: 2017-11-17 09:44:00
Updated By: JCGRATHW

Name: GOWANUS VILLAGE I
Address: 153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip: BROOKLYN, NY 11217
Site Code: 332623
Control Name: Environmental Easement
HW Code: C224099
Control Code: J
Control Type: INST
Dt record added: 12/20/2017
Dt rec updated: 09/21/2020
Updated By: RPMUSTIC
Site Code: 332623
Site Description: "Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel.

GOWANUS VILLAGE I (Continued) **S121933912**

In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "

Env Problem: "Prior to Remediation: The primary contaminant of concern is polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40’39"N / 73:59’18"W
Dell: False
Record Add: 2004-10-20 08:42:00
Record Upd: 2017-12-19 11:48:00
Updated By: JCGRATHW
Own Op: 6
Sub Type: P03
Owner Name: Katie Dixon
Owner Company: Gemini Arts Initiative, Inc.
Owner Address: 98 4th Street

GOWANUS VILLAGE I (Continued) **S121933912**

Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Park Slope Library
Owner Address:	431 6th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Subsidiary LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Brian Davidson
Owner Company:	NYSDEC
Owner Address:	625 Broadway - 12th Fl.
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12233-7016
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224099
Waste Type:	1,4-dichlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	chlorobenzene

GOWANUS VILLAGE I (Continued) **S121933912**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: copper
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224099
Waste Type: arsenic
Waste Quantity: UNKNOWN
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Crossref ID: 08/21/2012
Cross Ref Type Code: 26
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Record Added Date: 2016-06-22 08:50:00
Record Updated: 2016-06-22 08:50:00
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Crossref ID: C224099-08-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-05-24 09:26:00
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Updated By: BRWOLOSE
Crossref ID: 1609964
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

GOWANUS VILLAGE I (Continued) **S121933912**

Record Added Date:	2017-03-30 07:42:00
Record Updated:	2017-03-30 07:42:00
Updated By:	JCGRATHW
Crossref ID:	2017000371814
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-17 09:44:00
Record Updated:	2017-11-17 09:44:00
Updated By:	JCGRATHW
Name:	GOWANUS VILLAGE I
Address:	153 2ND ST A/K/A 322 3RD AVENUE
City,State,Zip:	BROOKLYN, NY 11217
Site Code:	332623
Control Name:	Monitoring Plan
HW Code:	C224099
Control Code:	31
Control Type:	INST
Dt record added:	12/20/2017
Dt rec updated:	09/21/2020
Updated By:	RPMUSTIC
Site Code:	332623
Site Description:	"Location: The property is an approximately 2.5 acre site located in a commercial/industrial area of Brooklyn at 153 2nd Street a/k/a 322 3rd Avenue. The Gowanus Canal is located adjacent to the site to the northwest. Site Features: A 24,200 square foot, three story vacant structure occupies the eastern portion of the site. The building has a basement floor that is a 13 foot thick concrete slab that extends below the water table. The remainder of the site is covered by the final site cover system. Current Zoning and Land Use: The site is currently inactive and is zoned as a manufacturing district (M2-1) by the City of New York. The property uses surrounding the site are primarily light industrial, with a small concentration of residential use. The closest residential properties are located approximately 300 feet to the northeast of the site near the intersection of 3rd Avenue and Carroll Street. The site is bordered to the north by a 60 foot wide filled-in canal (former 1st Street Basin), which is to be restored as part of the Gowanus Canal NPL site remedy. To the east is a storage facility, a Verizon truck depot is located south of the site, and the Gowanus Canal, which is approximately 100 feet wide, lies directly west of the site. Past Use of the Site: Sanborn maps dating back to 1886 indicate that the site was occupied by Nassau Sulfur Works and Smith and Shaw Mattress Materials and Paper Stock. In 1904, the property was transferred to the Brooklyn Rapid Transit R.R. Power Plant. Under their ownership, it appears that coal was delivered by water and transported beneath the site via coal tunnel. In 1938, the property was turned over to the Williamsburg Power Plant Corporation and used as a central power station. The property was transferred to the New York City Transit System in 1950, where it was used as an electrical sub-station and switching yard until 1996. Site Geology and Hydrogeology: The site is underlain by urban fill, generally to a depth of about 8 feet, but reportedly ranging to depths up to 24 feet in some areas. Below the fill is a layer of organic silt indicative of a historic wetland. The depth to groundwater ranges from about 7 feet to 20 feet with groundwater movement generally to the northwest toward the Gowanus Canal. "
Env Problem:	"Prior to Remediation: The primary contaminant of concern is

GOWANUS VILLAGE I (Continued) **S121933912**

polychlorinated biphenyls (PCBs). The PCBs do not appear to be contributing to off site environmental impacts that require additional investigation or remedial action. The contaminants found in each media sampled (soil, groundwater and soil vapor) are summarized below: Soil: Only one post excavation sample (44 ppm PCBs) exceeded the 10 ppm remedial cleanup objective specified in the Decision Document. The levels of PCB contamination are high under the existing on site building, but the groundwater remedy (LNAPL collection system) will prevent its migration. Groundwater: PCB contaminated LNAPL exists under the existing on site building. The groundwater extraction well system will prevent LNAPL migration. Monitoring the groundwater monitoring well network will illustrate the remedy is protective of public health and the environment. Soil Vapor: The most significant detection was for tetrachloroethene (perchloroethene or PCE) detected at concentrations up to 1,260 ug/m3 along 2nd Street. Soil Vapor Intrusion evaluations is to be performed for on-site buildings before occupancy is permitted. Post Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCB compounds in soil, and PCB-containing oil atop the groundwater table. Remedial action resulted in attainment of the site specific cleanup objectives throughout the parcel, with all soil below two feet in depth containing less than 10 ppm PCB. The site is now covered with a cover system allowing for restricted residential use. Remaining contamination in soil, groundwater, and soil vapor, if any, is being managed under a Site Management Plan. "

Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40’39"N / 73:59’18"W
Dell:	False
Record Add:	2004-10-20 08:42:00
Record Upd:	2017-12-19 11:48:00
Updated By:	JCGRATHW
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Initiative, Inc.
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America

GOWANUS VILLAGE I (Continued) **S121933912**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Park Slope Library
Owner Address:	431 6th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	Gemini Arts Subsidiary LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Brian Davidson
Owner Company:	NYSDEC
Owner Address:	625 Broadway - 12th Fl.
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12233-7016
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Katie Dixon
Owner Company:	BRT Powerhouse LLC
Owner Address:	98 4th Street
Owner Addr2:	Suite 406
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	C224099
Waste Type:	1,4-dichlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099

GOWANUS VILLAGE I (Continued) **S121933912**

Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224099
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	08/21/2012
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2016-06-22 08:50:00
Record Updated:	2016-06-22 08:50:00
Updated By:	JCGRATHW
Crossref ID:	C224099-08-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-05-24 09:26:00
Record Updated:	2013-05-24 09:26:00
Updated By:	BRWOLOSE
Crossref ID:	1609964
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-03-30 07:42:00
Record Updated:	2017-03-30 07:42:00
Updated By:	JCGRATHW
Crossref ID:	2017000371814
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-17 09:44:00
Record Updated:	2017-11-17 09:44:00
Updated By:	JCGRATHW

AV348 **190-220 THIRD STREET STORE LLC** **RCRA NonGen / NLR** **1015747246**
SW **214 3RD ST** **NY MANIFEST** **N/A**
1/4-1/2 **BROOKLYN, NY 11215** **NY INST CONTROL**
0.280 mi. **NY ENG CONTROLS**
1480 ft. **Site 1 of 2 in cluster AV** **NY BROWNFIELDS**

Relative: **Lower**
Actual: **11 ft.**

ENG CONTROLS:

Name:	WHOLE FOODS SITE
Address:	214 3RD ST.
City,State,Zip:	BROOKLYN, NY 11215
Site Code:	333299
HW Code:	C224100
Control Code:	15
Control Type:	ENG
Date Record Added:	07/11/2011
Date Rec Updated:	09/07/2021
Updated By:	JXPEREZM
Site Description:	"Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Health Problem:	"Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40’29 / 73:59’21
Dell:	False
Record Add:	2004-11-03 11:28:00
Record Upd:	2011-12-02 10:09:00
Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00
Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

INST CONTROL:
Name: WHOLE FOODS SITE
Address: 214 3RD ST.
City,State,Zip: BROOKLYN, NY 11215
Site Code: 333299
Control Name: Site Management Plan
HW Code: C224100
Control Code: 32
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40’29 / 73:59’21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00
Updated By: JAQUINN
Own Op: 6
Sub Type: P03
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC
Owner Address: 930 Sylvan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Englewood Cliffs, NJ 07632
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ms. Cheryl Powell
Owner Company: New York City Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC
Owner Address: 930 Sylvan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Englewood Cliffs, NJ 07632
Owner Country: United States of America

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00
Updated By:	jxperezm
Crossref ID:	2011000389393
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-11-22 14:05:00
Record Updated:	2011-11-22 14:05:00
Updated By:	JXPEREZM
Name:	WHOLE FOODS SITE
Address:	214 3RD ST.
City,State,Zip:	BROOKLYN, NY 11215
Site Code:	333299
Control Name:	Ground Water Use Restriction
HW Code:	C224100
Control Code:	08
Control Type:	INST
Dt record added:	07/11/2011
Dt rec updated:	09/07/2021
Updated By:	JXPEREZM
Site Code:	333299
Site Description:	"Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40'29 / 73:59'21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00
Updated By: JAQUINN
Own Op: 6
Sub Type: P03
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC
Owner Address: 930 Sylvan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Englewood Cliffs, NJ 07632
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ms. Cheryl Powell
Owner Company: New York City Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: Mark Mobley

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Crossref ID: w2-1052-05-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:48:00
Record Updated: 2009-04-16 14:48:00
Updated By: THKNIZEK
Crossref ID: 0501334
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-16 10:17:00
Record Updated: 2010-03-16 10:17:00
Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

Name: WHOLE FOODS SITE
Address: 214 3RD ST.
City,State,Zip: BROOKLYN, NY 11215
Site Code: 333299
Control Name: Monitoring Plan
HW Code: C224100
Control Code: 31
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40’29 / 73:59’21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00
Updated By: JAQUINN
Own Op: 6
Sub Type: P03
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC
Owner Address: 930 Sylvan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Englewood Cliffs, NJ 07632
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ms. Cheryl Powell
Owner Company: New York City Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Code: Not reported
HW Code: C224100
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1052-05-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:48:00
Record Updated: 2009-04-16 14:48:00
Updated By: THKNIZEK
Crossref ID: 0501334
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-16 10:17:00
Record Updated: 2010-03-16 10:17:00
Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

Name: WHOLE FOODS SITE
Address: 214 3RD ST.
City,State,Zip: BROOKLYN, NY 11215
Site Code: 333299
Control Name: Landuse Restriction
HW Code: C224100
Control Code: 25
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40’29 / 73:59’21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00
Updated By: JAQUINN
Own Op: 6
Sub Type: P03
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC
Owner Address: 930 Sylvan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Englewood Cliffs, NJ 07632
Owner Country: United States of America
Own Op: Document Repository

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: ACENAPHTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1052-05-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:48:00
Record Updated: 2009-04-16 14:48:00
Updated By: THKNIZEK
Crossref ID: 0501334
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-16 10:17:00
Record Updated: 2010-03-16 10:17:00
Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

Name: WHOLE FOODS SITE
Address: 214 3RD ST.
City,State,Zip: BROOKLYN, NY 11215
Site Code: 333299
Control Name: Soil Management Plan
HW Code: C224100
Control Code: 14
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40’29 / 73:59’21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00
Updated By: JAQUINN
Own Op: 6
Sub Type: P03
Owner Name: Mark Mobley
Owner Company: 190-220 Third Street Store Brooklyn NY, LLC

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	I00 - Overfill - None
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Type: PHENOL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: ACENAPHTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1052-05-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:48:00
Record Updated: 2009-04-16 14:48:00
Updated By: THKNIZEK
Crossref ID: 0501334
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-16 10:17:00
Record Updated: 2010-03-16 10:17:00
Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

Name: WHOLE FOODS SITE
Address: 214 3RD ST.
City,State,Zip: BROOKLYN, NY 11215
Site Code: 333299
Control Name: Building Use Restriction
HW Code: C224100
Control Code: 26
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial,

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40'29 / 73:59'21
Dell: False
Record Add: 2004-11-03 11:28:00
Record Upd: 2011-12-02 10:09:00

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00
Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00
Updated By:	jxperezm
Crossref ID:	2011000389393
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-11-22 14:05:00
Record Updated:	2011-11-22 14:05:00
Updated By:	JXPEREZM
Name:	WHOLE FOODS SITE
Address:	214 3RD ST.
City,State,Zip:	BROOKLYN, NY 11215
Site Code:	333299
Control Name:	O&M Plan
HW Code:	C224100
Control Code:	33
Control Type:	INST
Dt record added:	07/11/2011
Dt rec updated:	09/07/2021
Updated By:	JXPEREZM
Site Code:	333299
Site Description:	"Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Disp Term:	Not reported
Lat/Long:	40:40'29 / 73:59'21
Dell:	False
Record Add:	2004-11-03 11:28:00
Record Upd:	2011-12-02 10:09:00
Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00
Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00
Updated By:	jxperezm
Crossref ID:	2011000389393
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-11-22 14:05:00
Record Updated:	2011-11-22 14:05:00
Updated By:	JXPEREZM

Name:	WHOLE FOODS SITE
Address:	214 3RD ST.
City,State,Zip:	BROOKLYN, NY 11215
Site Code:	333299
Control Name:	IC/EC Plan
HW Code:	C224100
Control Code:	34
Control Type:	INST
Dt record added:	07/11/2011
Dt rec updated:	09/07/2021
Updated By:	JXPEREZM
Site Code:	333299
Site Description:	"Location: The Whole Foods site is located in the vicinity of the

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "

Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40’29 / 73:59’21
Dell:	False
Record Add:	2004-11-03 11:28:00
Record Upd:	2011-12-02 10:09:00
Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00
Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00
Updated By:	jxperezm
Crossref ID:	2011000389393
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-11-22 14:05:00
Record Updated:	2011-11-22 14:05:00
Updated By:	JXPEREZM

Name:	WHOLE FOODS SITE
Address:	214 3RD ST.
City,State,Zip:	BROOKLYN, NY 11215
Site Code:	333299
Control Name:	Environmental Easement
HW Code:	C224100
Control Code:	J
Control Type:	INST

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Dt record added: 07/11/2011
Dt rec updated: 09/07/2021
Updated By: JXPEREZM
Site Code: 333299
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "
Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

	site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40'29 / 73:59'21
Dell:	False
Record Add:	2004-11-03 11:28:00
Record Upd:	2011-12-02 10:09:00
Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: PHENOL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: ACENAPHTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224100
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1052-05-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:48:00
Record Updated: 2009-04-16 14:48:00
Updated By: THKNIZEK
Crossref ID: 0501334
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-16 10:17:00
Record Updated: 2010-03-16 10:17:00
Updated By: jxperezm
Crossref ID: 2011000389393
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-11-22 14:05:00
Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

BROWNFIELDS:
Name: WHOLE FOODS SITE
Address: 214 3RD ST.

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 333299
Acres: 2.101
HW Code: C224100
SWIS: 2401
Town: New York City
Record Added Date: 11/03/2004
Record Updated Date: 06/15/2021
Update By: GWBURKE
Site Description: "Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY. Site Features: The site consists of approximately 2.101-acres with a building operating as a food store and parking. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and has a building operating as a food store. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished. Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings. Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement. "
Health Problem: "Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality.

This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40’29 / 73:59’21
Dell:	False
Record Add:	2004-11-03 11:28:00
Record Upd:	2011-12-02 10:09:00
Updated By:	JAQUINN
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Cheryl Powell
Owner Company:	New York City Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Mark Mobley
Owner Company:	190-220 Third Street Store Brooklyn NY, LLC
Owner Address:	930 Sylvan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Christina Minardi
Owner Company:	Whole Foods Market Group, Inc.
Owner Address:	930 Sylvan Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Englewood Cliffs, NJ 07632
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner Company:	Brooklyn Community Board #6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	C224100
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	ACENAPHTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224100
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	w2-1052-05-02
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:48:00
Record Updated:	2009-04-16 14:48:00
Updated By:	THKNIZEK
Crossref ID:	0501334
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-03-16 10:17:00
Record Updated:	2010-03-16 10:17:00
Updated By:	jxperezm
Crossref ID:	2011000389393
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-11-22 14:05:00

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Record Updated: 2011-11-22 14:05:00
Updated By: JXPEREZM

RCRA NonGen / NLR:
Date Form Received by Agency: 20160617
Handler Name: 190-220 THIRD STREET STORE LLC
Handler Address: 214 3RD ST
Handler City,State,Zip: BROOKLYN, NY 11215
EPA ID: NYR000197178
Contact Name: JOHN K BOGDANSKI
Contact Address: RESEARCH PKWY
Contact City,State,Zip: MERIDEN, CT 06450
Contact Telephone: 203-630-1406 2436
Contact Fax: 203-630-2615
Contact Email: JBOGDANSKI@BLCOMPANIES.COM
Contact Title: SENIOR ENVIRONMENTAL SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 3RD ST
Mailing City,State,Zip: BROOKLYN, NY 11215
Owner Name: 190-22 THIRD STREET STORE LLC
Owner Type: Private
Operator Name: 190-22 THIRD STREET STORE LLC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160617
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 190-22 THIRD STREET STORE LLC
Legal Status: Private
Date Became Current: 20060612
Date Ended Current: Not reported
Owner/Operator Address: 930 SYLVAN AVE
Owner/Operator City,State,Zip: ENGLEWOOD CLIFFS, NJ 07632
Owner/Operator Telephone: 201-567-2090
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 190-22 THIRD STREET STORE LLC
Legal Status: Private
Date Became Current: 20060612
Date Ended Current: Not reported
Owner/Operator Address: 930 SYLVAN AVE
Owner/Operator City,State,Zip: ENGLEWOOD CLIFFS, NJ 07632
Owner/Operator Telephone: 201-567-2090

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 190-22 THIRD STREET STORE LLC
Legal Status: Private
Date Became Current: 20060612
Date Ended Current: Not reported
Owner/Operator Address: 930 SYLVAN AVE
Owner/Operator City,State,Zip: ENGLEWOOD CLIFFS, NJ 07632
Owner/Operator Telephone: 201-567-2090
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 190-22 THIRD STREET STORE LLC
Legal Status: Private
Date Became Current: 20060612
Date Ended Current: Not reported
Owner/Operator Address: 930 SYLVAN AVE
Owner/Operator City,State,Zip: ENGLEWOOD CLIFFS, NJ 07632
Owner/Operator Telephone: 201-567-2090
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160617
Handler Name: 190-220 THIRD STREET STORE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120926
Handler Name: 190-220 THIRD STREET STORE LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

NAICS Code: 23622
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: 190-220 THIRD STREET STORE LLC
Address: 214 3RD ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000197178
Facility Status: Not reported
Location Address 1: 214 3RD STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000197178
Mailing Name: 190-220 THIRD STREET STORE LLC
Mailing Contact: 190-220 THIRD STREET STORE LLC
Mailing Address 1: 930 SYLVAN AVE
Mailing Address 2: Not reported
Mailing City: ENGLEWOOD CLIFFS
Mailing State: NJ
Mailing Zip: 07632
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2036082436

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 10/26/2012
Trans1 Recv Date: 10/26/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/26/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000197178
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105

190-220 THIRD STREET STORE LLC (Continued) **1015747246**

TSDF ID 2:	Not reported
Manifest Tracking Number:	010556087JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	38000
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AV349 **ALL BORO'S** **NY LTANKS** **S102618894**
SW **200 3RD ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.282 mi.
1489 ft. **Site 2 of 2 in cluster AV**

Relative: LTANKS:
Lower

Name:	ALL BORO'S
Address:	200 3RD ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9702117 / 1999-08-22
Facility ID:	9702117
Site ID:	253671
Spill Date:	1997-05-19
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1997-05-19
CID:	312
Water Affected:	Not reported
Spill Notifier:	Tank Tester

Actual:
10 ft.

ALL BORO'S (Continued) **S102618894**

Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-05-19
Spill Record Last Update: 2002-02-13
Spiller Name: MIKE DENICOLA
Spiller Company: ALL BORO'S
Spiller Address: 200 3RD ST
Spiller County: 001
Spiller Contact: MIKE DENICOLA
Spiller Phone: (718) 858-7600
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 207790
DEC Memo: ""
Remarks: "AIR PRESSURE TEST TO 10 LBS - TANK FAILED - NO LEAK"

All TTF:
Facility ID: 9702117
Spill Number: 9702117
Spill Tank Test: 1545120
Site ID: 253671
Tank Number: 001
Tank Size: 550
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

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350 NW 1/4-1/2 0.283 mi. 1496 ft.

GOWANUS HOUSING COMPLEX-NYCHA **NY LTANKS** **S105995765**
238 BOND ST **N/A**
BROOKLYN, NY

Relative: Lower

Actual: 11 ft.

LTANKS:
Name: GOWANAS HOUSING -NYCHA
Address: 238 BOND ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0201330 / 2005-12-23
Facility ID: 0201330
Site ID: 197021
Spill Date: 2002-05-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401

GOWANUS HOUSING COMPLEX-NYCHA (Continued) **S105995765**

Investigator: SWKRASZE
Referred To: 0201191
Reported to Dept: 2002-05-06
CID: 281
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-05-06
Spill Record Last Update: 2009-05-21
Spiller Name: JOSEPH CAMERON
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 23-02 49TH AVE
Spiller County: 001
Spiller Contact: JOSEPH CAMERON
Spiller Phone: (718) 707-5725
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 164000
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. 12/23/05: This spill closed to consolidate with open spill #0201191. - SK"
Remarks: "TANK TEST FAILURE AT ABOVE LOCATION. FURTHER INVESTIGATION AND TESTING TO BE DONE."

All TTF:
Facility ID: 0201330
Spill Number: 0201330
Spill Tank Test: 1527107
Site ID: 197021
Tank Number: 1
Tank Size: 25000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 197021
Operable Unit ID: 854610
Operable Unit: 01
Material ID: 565865
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

GOWANUS HOUSING COMPLEX-NYCHA (Continued) **S105995765**

Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: GOWANUS HOUSING COMPLEX-NYCHA
Address: 238 BOND ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0201191 / 2008-09-23
Facility ID: 0201191
Site ID: 224675
Spill Date: 2002-05-01
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 2002-05-01
CID: 282
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-05-01
Spill Record Last Update: 2008-09-23
Spiller Name: MR MANDALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 23-02 49TH AVE
Spiller County: 001
Spiller Contact: MR MANDALONE
Spiller Phone: (718) 707-7839
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 164000
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 4/30/04 TJD As per direction of RSE, site transferred Demeo >>> Kolleeny as spill location is at NYCHA owned facility. 11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. 12/23/05: Only thing on file is spill report. - SK 07/07/06: NYCHA summary report states that two 25K USTs are currently in service. The man way gasket leaked, was repaired and retested. No recovery system or MWs on-site, soil/GW conditions are unknown and no site assessment available. NYCHA recommends closure. - SK 02/06/07 - J.Kann - site reassigned from S. Kraszewski to J.Kann. 09/23/08: Documents related to tank tightness testing submitted to the Department. Results indicate that manway gasket nuts and bolts were cause of testing failure, they were replaced and the tank passed testing. Spill closed based on this information. J.kann "
Remarks: "TANK FAILED THE TEST. "

All TTF:
Facility ID: 0201191

GOWANUS HOUSING COMPLEX-NYCHA (Continued) **S105995765**

Spill Number:	0201191
Spill Tank Test:	1527096
Site ID:	224675
Tank Number:	2
Tank Size:	25000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	224675
Operable Unit ID:	852244
Operable Unit:	01
Material ID:	522610
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

351
ESE
1/4-1/2
0.284 mi.
1500 ft.

SPILL NUMBER 0209206
11 LINCOLN PLACE
BROOKLYN, NY

NY LTANKS **S105997531**
N/A

Relative:
Higher

Actual:
48 ft.

LTANKS:

Name:	SPILL NUMBER 0209206
Address:	11 LINCOLN PLACE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0209206 / 2004-04-16
Facility ID:	0209206
Site ID:	156887
Spill Date:	2002-12-07
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2002-12-07
CID:	252
Water Affected:	Not reported
Spill Notifier:	Responsible Party

SPILL NUMBER 0209206 (Continued) **S105997531**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-07
Spill Record Last Update:	2004-04-16
Spiller Name:	MATTHEW FACIANO
Spiller Company:	MORANIA OIL CO
Spiller Address:	2125 MILL AVE
Spiller County:	001
Spiller Contact:	MATTHEW FACIANO
Spiller Phone:	(718) 444-4800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	132734
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/9/2002-Vought-Spoke to William Falkenmeyer (Morania) who stated that amount spilled was 1/4 cup.Spoke with Doris Lopsely (Co-op treasurer) who will investigate basement and residence and call back to confirm cleanup within one hour. 12/9/02-Vought-Left Doris message to call back NYSDEC 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 3/30/04 - Sawyer - Called Doris Lopsey and there was no answer. Left message to call back. 4/16/04 - Sawyer - Talked to Doris Lopsey and she said her Oil Company cleaned up this minor spill long ago."
Remarks:	"CALLER STATES UNK AMT WAS SPILLED IN THE BASEMENT DUE TO TANK OVERFILL. CLEANUP CREW ENROUTE TO RESIDENCE FOR CLEANUP."

All Materials:

Site ID:	156887
Operable Unit ID:	862375
Operable Unit:	01
Material ID:	516185
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AW352 **388 CARROLL STREET AND 363 BOND STREET** **NY INST CONTROL** **S116041498**
West **388 CARROLL STREET AND 363 BOND STREET** **NY ENG CONTROLS** **N/A**
1/4-1/2 **BROOKLYN, NY 11231** **NY BROWNFIELDS**
0.285 mi.
1505 ft. **Site 1 of 2 in cluster AW**

Relative:
Higher

Actual:
19 ft.

ENG CONTROLS:

Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478612
HW Code:	C224173
Control Code:	13

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Control Type:	ENG
Date Record Added:	10/23/2015
Date Rec Updated:	03/14/2021
Updated By:	SXAHMED
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224173
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224173
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224173-07-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-11-05 09:44:00
Updated By: JAMORAS
Crossref ID: C224173
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-02 10:39:00
Record Updated: 2015-10-02 10:39:00
Updated By: JCGRATHW
Crossref ID: C224173-08-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-10-02 11:10:00
Updated By: JCGRATHW
Crossref ID: 2015000236153
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-21 11:01:00
Record Updated: 2015-07-21 11:01:00
Updated By: JCGRATHW
Crossref ID: 08/14/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 10:40:00
Record Updated: 2015-10-02 10:40:00
Updated By: JCGRATHW

Name: 388 CARROLL STREET AND 363 BOND STREET
Address: 388 CARROLL STREET AND 363 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478612
HW Code: C224173
Control Code: 12
Control Type: ENG
Date Record Added: 10/23/2015
Date Rec Updated: 03/14/2021
Updated By: SXAHMED
Site Description: "Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-02-05 14:19:00
Record Upd: 2015-10-02 10:38:00
Updated By: JCGRATHW
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mr. John Leighton
Owner Company: Brooklyn Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Benjamin Hoffer
Owner Company: 363 Gowanus Developers, LLC
Owner Address: 90 Woodbridge Center Drive, 6th Floor

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW

Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478612
HW Code:	C224173
Control Code:	15
Control Type:	ENG
Date Record Added:	10/23/2015
Date Rec Updated:	03/14/2021
Updated By:	SXAHMED
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

	the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-02 10:39:00
Record Updated: 2015-10-02 10:39:00
Updated By: JCGRATHW
Crossref ID: C224173-08-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-10-02 11:10:00
Updated By: JCGRATHW
Crossref ID: 2015000236153
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-21 11:01:00
Record Updated: 2015-07-21 11:01:00
Updated By: JCGRATHW
Crossref ID: 08/14/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 10:40:00
Record Updated: 2015-10-02 10:40:00
Updated By: JCGRATHW

INST CONTROL:
Name: 388 CARROLL STREET AND 363 BOND STREET
Address: 388 CARROLL STREET AND 363 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478612
Control Name: Monitoring Plan
HW Code: C224173
Control Code: 31
Control Type: INST
Dt record added: 10/23/2015
Dt rec updated: 03/14/2021
Updated By: SXAHMED
Site Code: 478612
Site Description: "Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

	facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-10-02 11:10:00
Updated By: JCGRATHW
Crossref ID: 2015000236153
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-21 11:01:00
Record Updated: 2015-07-21 11:01:00
Updated By: JCGRATHW
Crossref ID: 08/14/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 10:40:00
Record Updated: 2015-10-02 10:40:00
Updated By: JCGRATHW

Name: 388 CARROLL STREET AND 363 BOND STREET
Address: 388 CARROLL STREET AND 363 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478612
Control Name: Site Management Plan
HW Code: C224173
Control Code: 32
Control Type: INST
Dt record added: 10/23/2015
Dt rec updated: 03/14/2021
Updated By: SXAHMED
Site Code: 478612
Site Description: "Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

	primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
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Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
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Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW
Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478612
Control Name:	IC/EC Plan
HW Code:	C224173
Control Code:	34
Control Type:	INST
Dt record added:	10/23/2015
Dt rec updated:	03/14/2021
Updated By:	SXAHMED
Site Code:	478612
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

	the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW
Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478612
Control Name:	O&M Plan
HW Code:	C224173
Control Code:	33
Control Type:	INST
Dt record added:	10/23/2015
Dt rec updated:	03/14/2021
Updated By:	SXAHMED
Site Code:	478612
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to
ENG CONTROLS:	No NCAPS ranking
	make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW

Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Site Code:	478612
Control Name:	Soil Management Plan
HW Code:	C224173
Control Code:	14
Control Type:	INST
Dt record added:	10/23/2015
Dt rec updated:	03/14/2021
Updated By:	SXAHMED
Site Code:	478612
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW
Name:	388 CARROLL STREET AND 363 BOND STREET
Address:	388 CARROLL STREET AND 363 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478612
Control Name:	Ground Water Use Restriction
HW Code:	C224173
Control Code:	08
Control Type:	INST
Dt record added:	10/23/2015
Dt rec updated:	03/14/2021

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Updated By:	SXAHMED
Site Code:	478612
Site Description:	"Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-05 14:19:00
Record Upd:	2015-10-02 10:38:00
Updated By:	JCGRATHW
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Code: Not reported
HW Code: C224173
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224173
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224173-07-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-11-05 09:44:00
Updated By: JAMORAS
Crossref ID: C224173
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-02 10:39:00
Record Updated: 2015-10-02 10:39:00
Updated By: JCGRATHW
Crossref ID: C224173-08-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-10-02 11:10:00
Updated By: JCGRATHW
Crossref ID: 2015000236153
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-21 11:01:00
Record Updated: 2015-07-21 11:01:00
Updated By: JCGRATHW
Crossref ID: 08/14/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 10:40:00
Record Updated: 2015-10-02 10:40:00
Updated By: JCGRATHW

Name: 388 CARROLL STREET AND 363 BOND STREET
Address: 388 CARROLL STREET AND 363 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478612
Control Name: Environmental Easement
HW Code: C224173
Control Code: J
Control Type: INST
Dt record added: 10/23/2015
Dt rec updated: 03/14/2021
Updated By: SXAHMED
Site Code: 478612
Site Description: "Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-02-05 14:19:00
Record Upd: 2015-10-02 10:38:00
Updated By: JCGRATHW
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mr. John Leighton
Owner Company: Brooklyn Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Benjamin Hoffer
Owner Company: 363 Gowanus Developers, LLC
Owner Address: 90 Woodbridge Center Drive, 6th Floor

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224173-07-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-11-05 09:44:00
Updated By: JAMORAS
Crossref ID: C224173
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-02 10:39:00
Record Updated: 2015-10-02 10:39:00
Updated By: JCGRATHW
Crossref ID: C224173-08-13
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-02 11:10:00
Record Updated: 2015-10-02 11:10:00
Updated By: JCGRATHW
Crossref ID: 2015000236153
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-21 11:01:00
Record Updated: 2015-07-21 11:01:00
Updated By: JCGRATHW
Crossref ID: 08/14/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 10:40:00
Record Updated: 2015-10-02 10:40:00
Updated By: JCGRATHW

BROWNFIELDS:
Name: 388 CARROLL STREET AND 363 BOND STREET
Address: 388 CARROLL STREET AND 363 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 478612
Acres: 1.293
HW Code: C224173
SWIS: 2401
Town: New York City
Record Added Date: 02/05/2013
Record Updated Date: 01/21/2021
Update By: JCGRATHW
Site Description: "Location: This site is made up of two adjacent parcels, one located at 388 Carroll Street and one located at 363 Bond Street in Brooklyn, NY. The eastern edge of the site borders the Gowanus Canal. Site Features: A portion of the site contained a one- and two-story light industrial building and another portion is improved with a two-story residential building. Four decommissioned above ground storage tanks (ranging from 5,000 to 10,000 gallon capacity) also existed on the property. All buildings and structures were demolished in 2014 to facilitate remediation of the site. The area of the two parcels that make up the site is approximately 1.293 acres. Current Zoning and Land Use: The site is currently vacant. The site is current zoned

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

MX-11 which is a mixed use district that allows residential, commercial, and industrial uses. The site is bounded to the north by a City of New York EMS station, to the east by the Gowanus Canal, to the south an active redevelopment site, and to the west by a three-story mixed-use commercial and residential building and a six-story residential building. Past Use of the Site: Portions of this site have historically been used as paint manufacturer (1915), an oil terminal (1916 1950), and a warehouse (1950 1986). Other recorded uses of the site include an automobile storage and repair facility and a lumber company. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was generally observed at depths ranging from five to eight feet below ground surface. Groundwater flow is generally to the east but is affected by the tidal influence from the Gowanus Canal. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluorathene in soil, and naphthalene, 1,2,4 trimethylbenzene, toluene, and xylene in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. Sampling indicates that the potential for soil vapor intrusion to occur needs to be evaluated off-site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-02-05 14:19:00
Record Upd: 2015-10-02 10:38:00
Updated By: JCGRATHW
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mr. John Leighton
Owner Company: Brooklyn Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Benjamin Hoffer
Owner Company: 363 Gowanus Developers, LLC
Owner Address: 90 Woodbridge Center Drive, 6th Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodbridge, NJ 07095
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mr. Craig Hammerman

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Benjamin Hoffer
Owner Company:	363 Gowanus Developers, LLC
Owner Address:	90 Woodbridge Center Drive, 6th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodbridge, NJ 07095
Owner Country:	United States of America
HW Code:	C224173
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224173
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224173-07-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

Record Updated:	2015-11-05 09:44:00
Updated By:	JAMORAS
Crossref ID:	C224173
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-02 10:39:00
Record Updated:	2015-10-02 10:39:00
Updated By:	JCGRATHW
Crossref ID:	C224173-08-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:10:00
Record Updated:	2015-10-02 11:10:00
Updated By:	JCGRATHW
Crossref ID:	2015000236153
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-21 11:01:00
Record Updated:	2015-07-21 11:01:00
Updated By:	JCGRATHW
Crossref ID:	08/14/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 10:40:00
Record Updated:	2015-10-02 10:40:00
Updated By:	JCGRATHW

AX353 **125 THIRD AVENUE** **NY VCP** **S125316811**
NNE **125 3RD AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.288 mi.
1522 ft. **Site 1 of 2 in cluster AX**

Relative:
Higher

Actual:
24 ft.

VCP NYC:

Project ID:	15TMP0349K,15EH-N349K,16CVCP006K
Name:	125 THIRD AVENUE
Address:	125 3RD AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3003950003
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.682338
Longitude:	-73.982712
Postcode:	2
Community Board:	33
Council District:	127
Census Tract:	3336057
BIN:	3003950003
NTA:	DUMBO-Vinegar Hill-Downtown Brooklyn-Boerum Hill

354
ESE
1/4-1/2
0.294 mi.
1552 ft.

19 BERKELEY PL
19 BERKELEY PL
BROOKLYN, NY

NY LTANKS **S105997672**
NY Spills **N/A**

Relative:
Higher

Actual:
52 ft.

LTANKS:

Name:	AYALA RESIDENCE
Address:	19 BERKELEY PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0209599 / 2002-12-18
Facility ID:	0209599
Site ID:	238174
Spill Date:	2002-12-18
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	DO
Referred To:	Not reported
Reported to Dept:	2002-12-18
CID:	390
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-18
Spill Record Last Update:	2010-08-26
Spiller Name:	Not reported
Spiller Company:	CONSOLIDATED OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JOHN
Spiller Phone:	(718) 230-9123
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196170
DEC Memo:	"Austin - closed -see #0209601 - end"
Remarks:	"caller reporting oil company filled tank - and it spilled oil onto the floor - unk how much spilled caller states that there is approx 1 inch of material on the floor - would like dec to respond and check the air quality"

All Materials:

Site ID:	238174
Operable Unit ID:	860852
Operable Unit:	01
Material ID:	513019
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

19 BERKELEY PL (Continued) **S105997672**

SPILLS:

Name:	19 BERKELEY PL
Address:	19 BERKELEY PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0209601 / 2010-10-26
Facility ID:	0209601
Facility Type:	ER
DER Facility ID:	196170
Site ID:	238175
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-12-18
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	2002-12-18
CID:	396
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-18
Spill Record Last Update:	2010-10-26
Spiller Name:	Not reported
Spiller Company:	CONSOLATED OIL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	RAY LARA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 12/18/02 arakhan 3:50PM PTC CLEANUP CREW ON WAY TO SPILL LOCATION. WILL CALL BACK WITH UPDATE. SAME AS SPILL #0209599. 4:02 PM PET TANK CLEANERS NOT DOING CLEANUP; TRI-STATE CALLED BY OIL CO'S INSURANCE COMPANY. 10/26/10 - Austin - Nothing in spill description or uantity indicates that this was anything other than a small surface spill - spill closed - end"
Remarks:	"clean up inprogress."

All Materials:

Site ID:	238175
Operable Unit ID:	860854
Operable Unit:	01
Material ID:	513021
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AT355 **RED HOOK CRUSHERS; INC.** **NY SWF/LF** **S105841237**
SW **186 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11210**
0.297 mi.
1568 ft. **Site 3 of 3 in cluster AT**

Relative: **Lower**
Actual: **4 ft.**

SWF/LF:

Name:	RED HOOK CRUSHERS; INC.
Address:	186 3RD STREET
City,State,Zip:	BROOKLYN, NY 11210
Flag:	INACTIVE
Region Code:	2
Phone Number:	7188559442
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Thomas Saccomanno
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W90]
Active:	No
East Coordinate:	585398
North Coordinate:	4503244
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

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356 **ECONOMY CLEANERS** **RCRA-VSQG** **1000318363**
East **123 5TH AVE** **US AIRS** **N/A**
1/4-1/2 **BROOKLYN, NY 11217** **NY MANIFEST**
0.298 mi. **NY LTANKS**
1576 ft.

Relative: **Higher**
Actual: **44 ft.**

RCRA-VSQG:

Date Form Received by Agency:	20070101
Handler Name:	ECONOMY CLEANERS
Handler Address:	123 5TH AVE
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYD981085053
Contact Name:	Not reported
Contact Address:	5TH AVE
Contact City,State,Zip:	BROOKLYN, NY 11217
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

ECONOMY CLEANERS (Continued) **1000318363**

EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 5TH AVE
Mailing City,State,Zip: BROOKLYN, NY 11217
Owner Name: OWNERNAME
Owner Type: Private
Operator Name: OWNERNAME
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported

ECONOMY CLEANERS (Continued) **1000318363**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

ECONOMY CLEANERS (Continued) **1000318363**

Historic Generators:
Receive Date: 19990714
Handler Name: ECONOMY CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ECONOMY CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ECONOMY CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19850715
Handler Name: ECONOMY CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

ECONOMY CLEANERS (Continued) **1000318363**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LTANKS:
Name: ECONOMY CLEANERS
Address: 123 5TH AVE
City,State,Zip: BROOKLYN, NY 11217
Spill Number/Closed Date: 0507654 / 2005-11-30
Facility ID: 0507654
Site ID: 353099
Spill Date: 2005-09-26
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2005-09-26
CID: 444
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-09-26
Spill Record Last Update: 2005-11-30
Spiller Name: KYUNG KANG
Spiller Company: ECONOMY CLEANERS
Spiller Address: 123 5TH AVE
Spiller County: 001
Spiller Contact: KYUNG KANG
Spiller Phone: (718) 789-2163
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 300392
DEC Memo: "Sangesland called and left a message with a woman (wife?) - language difficulty 10.13.05 SR// Sharif sent a ttf letter. 11/30/05 Sharif//Milro did the clean up. The concrete floor was not contaminated. They replaced the tank and installed a new one.Waste disposal manifest is included and photographs.NFA required."
Remarks: "TANK HAS A HOLE IN IT : LEAKING IN BASEMENT; TANK IS ROTTED"

All Materials:
Site ID: 353099
Operable Unit ID: 1110569
Operable Unit: 01
Material ID: 2100603
Material Code: 0001A
Material Name: #2 fuel oil

ECONOMY CLEANERS (Continued) **1000318363**

Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

US AIRS MINOR:
Envid: 1000318363
Region Code: 02
Programmatic ID: AIR NY0000002610300220
Facility Registry ID: 110004397126
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610300220
Facility Registry ID: 110004397126
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610300220
Facility Registry ID: 110004397126
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-12-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610300220
Facility Registry ID: 110004397126
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ECONOMY CLEANERS (Continued) **1000318363**

Region Code: 02
Programmatic ID: AIR NY0000002610300220
Facility Registry ID: 110004397126
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-12-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

NY MANIFEST:
Name: ECONOMY CLNRS
Address: 123 5TH AVE
City,State,Zip: BROOKLYN, NY 11217
Country: USA
EPA ID: NYD981085053
Facility Status: Not reported
Location Address 1: 123 FIFTH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981085053
Mailing Name: ECONOMY CLNRS
Mailing Contact: ECONOMY CLNRS
Mailing Address 1: 123 FIFTH AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187835386

357
West
1/4-1/2
0.300 mi.
1584 ft.

Relative:
Lower

Actual:
16 ft.

365 BOND STREET
365 BOND STREET
BROOKLYN, NY 11231

NY COOLING TOWERS **S106720972**
NY E DESIGNATION **N/A**
NY INST CONTROL
NY ENG CONTROLS
NY BROWNFIELDS
NY Spills

ENG CONTROLS:
Name: 365 BOND STREET
Address: 365 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478842
HW Code: C224174
Control Code: 15
Control Type: ENG

365 BOND STREET (Continued) **S106720972**

Date Record Added: 10/21/2015
Date Rec Updated: 08/03/2020
Updated By: SXAHMED
Site Description: "Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-02-13 09:37:00

365 BOND STREET (Continued) **S106720972**

Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN

365 BOND STREET (Continued) **S106720972**

Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET

365 BOND STREET (Continued) **S106720972**

Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
HW Code:	C224174
Control Code:	13
Control Type:	ENG
Date Record Added:	10/21/2015
Date Rec Updated:	08/03/2020
Updated By:	SXAHMED
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False

365 BOND STREET (Continued) **S106720972**

Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26

365 BOND STREET (Continued) **S106720972**

Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 11:18:00
Record Updated: 2015-10-02 11:18:00
Updated By: JCGRATHW

INST CONTROL:
Name: 365 BOND STREET
Address: 365 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Site Code: 478842
Control Name: Environmental Easement
HW Code: C224174
Control Code: J
Control Type: INST
Dt record added: 10/21/2015
Dt rec updated: 08/03/2020
Updated By: SXAHMED
Site Code: 478842
Site Description: "Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building.

Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential

buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and

Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site

365 BOND STREET (Continued) **S106720972**

	Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

365 BOND STREET (Continued) **S106720972**

HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00

365 BOND STREET (Continued) **S106720972**

Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW
Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
Control Name:	IC/EC Plan
HW Code:	C224174
Control Code:	34
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED
Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "

365 BOND STREET (Continued) **S106720972**

Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America

365 BOND STREET (Continued) **S106720972**

HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
Control Name:	O&M Plan
HW Code:	C224174
Control Code:	33
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED
Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and

365 BOND STREET (Continued) **S106720972**

	Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America

365 BOND STREET (Continued) **S106720972**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
Control Name:	Site Management Plan
HW Code:	C224174
Control Code:	32
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED
Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential

365 BOND STREET (Continued) **S106720972**

buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-02-13 09:37:00
Record Upd: 2017-09-29 14:13:00
Updated By: JCGRATHW
Own Op: 1
Sub Type: NNN
Owner Name: Mark Green c/o The Lightstone Group
Owner Company: LSG 365 Bond Street LLC
Owner Address: 1985 Cedar Bridge Avenue, Suite 1
Owner Addr2: Not reported
Owner City,St,Zip: Lakewood, NJ 08701
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mr. John Leighton
Owner Company: Brooklyn Public Library
Owner Address: Carroll Gardens Branch
Owner Addr2: 396 Clinton Street
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America

365 BOND STREET (Continued) **S106720972**

Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	No NCAPS ranking
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
Control Name:	Soil Management Plan
HW Code:	C224174
Control Code:	14
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED
Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building.

365 BOND STREET (Continued) **S106720972**

Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "

Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America

365 BOND STREET (Continued) **S106720972**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231
Site Code:	478842
Control Name:	Landuse Restriction
HW Code:	C224174
Control Code:	25
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED

365 BOND STREET (Continued) **S106720972**

Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW

365 BOND STREET (Continued) **S106720972**

Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2015-10-02 11:18:00
Record Updated:	2015-10-02 11:18:00
Updated By:	JCGRATHW

Name:	365 BOND STREET
Address:	365 BOND STREET
City,State,Zip:	BROOKLYN, NY 11231

365 BOND STREET (Continued) **S106720972**

Site Code:	478842
Control Name:	Ground Water Use Restriction
HW Code:	C224174
Control Code:	08
Control Type:	INST
Dt record added:	10/21/2015
Dt rec updated:	08/03/2020
Updated By:	SXAHMED
Site Code:	478842
Site Description:	"Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False

365 BOND STREET (Continued) **S106720972**

Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174

365 BOND STREET (Continued) **S106720972**

Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00
Updated By:	JCGRATHW
Crossref ID:	2015000236154
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-07-30 10:44:00
Record Updated:	2015-07-30 10:44:00
Updated By:	JCGRATHW
Crossref ID:	06/05/13
Cross Ref Type Code:	26

365 BOND STREET (Continued) **S106720972**

Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 11:18:00
Record Updated: 2015-10-02 11:18:00
Updated By: JCGRATHW

BROWNFIELDS:
Name: 365 BOND STREET
Address: 365 BOND STREET
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 478842
Acres: 2.066
HW Code: C224174
SWIS: 2401
Town: New York City
Record Added Date: 02/13/2013
Record Updated Date: 01/21/2021
Update By: JCGRATHW
Site Description: "Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site is 2.066 acres in area. The former vacant lot is currently being re-developed with a 12-story mixed use commercial and residential building. Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses. The site is bounded to the north by 1st Street across which is located a BCP site, to the east by the Gowanus Canal, to the south by 2nd Street across which are located three-story residential buildings and one- and two-story commercial facilities, and to the west by Bond Street across which are located three-story mixed-use commercial and residential buildings. Past Use of the Site: Past uses of the site include oil terminal (1886 through 1939); a building materials warehouse (1886 through 1915); a lumber company (1939); a paper products warehouse (1950); an electric wire and cable company (1969); and a warehouse (1977 through 1986). Other recorded uses of the site include an automobile storage and repair facility, and a dry cleaning facility. The previous owner performed the Phase I and the Phase II Environmental Site Assessments in 2004. Site Geology and Hydrogeology: The site is underlain by an approximately 5.5- to 13-foot thick layer of miscellaneous fill material that is underlain by a 5- to 8-foot thick continuous clay confining layer. Groundwater is approximately 2.5 to 10 feet below ground surface (bgs). Due to the site's proximity to the Canal, groundwater flow is tidally influenced but generally flows to east/northeast. The clay confining unit is located approximately 9 feet to 10 feet bgs and separates the shallow aquifer from the lower groundwater unit. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, arsenic, lead, barium, mercury, xylene, trichloroethene (TCE), propylbenzene, tetrachloroethylene (PCE), benzene, phenol, n-propylbenzene, isopropyl benzene in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil is being managed under a Site

365 BOND STREET (Continued) **S106720972**

	Management Plan. Groundwater contamination is nominal and will improve since the removal of contaminated soil is completed. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-02-13 09:37:00
Record Upd:	2017-09-29 14:13:00
Updated By:	JCGRATHW
Own Op:	1
Sub Type:	NNN
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. John Leighton
Owner Company:	Brooklyn Public Library
Owner Address:	Carroll Gardens Branch
Owner Addr2:	396 Clinton Street
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Mark Green c/o The Lightstone Group
Owner Company:	LSG 365 Bond Street LLC
Owner Address:	1985 Cedar Bridge Avenue, Suite 1
Owner Addr2:	Not reported
Owner City,St,Zip:	Lakewood, NJ 08701
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mr. Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201-6401
Owner Country:	United States of America
HW Code:	C224174
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

365 BOND STREET (Continued) **S106720972**

HW Code:	C224174
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224174
Waste Type:	PHENOL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224174-05-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-02 11:17:00
Record Updated:	2015-10-02 11:17:00

365 BOND STREET (Continued) **S106720972**

Updated By: JCGRATHW
Crossref ID: 2015000236154
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-07-30 10:44:00
Record Updated: 2015-07-30 10:44:00
Updated By: JCGRATHW
Crossref ID: 06/05/13
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2015-10-02 11:18:00
Record Updated: 2015-10-02 11:18:00
Updated By: JCGRATHW

SPILLS:
Name: 365 BOND STREET
Address: 365 BOND STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0407393 / 2015-11-06
Facility ID: 0407393
Facility Type: ER
DER Facility ID: 266802
Site ID: 331823
DEC Region: 2
Spill Cause: Other
Spill Class: C3
SWIS: 2401
Spill Date: 2004-10-04
Investigator: JCGRATHW
Referred To: BCP SITE - JOHN GRATHWOL IS PM
Reported to Dept: 2004-10-04
CID: 444
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-10-04
Spill Record Last Update: 2015-12-18
Spiller Name: MIMI SOTIRIIOU
Spiller Company: Not reported
Spiller Address: 365 BOND STREET
Spiller Company: 001
Contact Name: MIMI SOTIRIIOU
DEC Memo: "CSL has been sent to: Joseph Fillips P.O.Box 451 New York, NY 10028-0018 YK. 10/18/04. Paul Casowitz (212-421-2150)an attorney for Mr. J. Fillips called and informed that he is a contact person for this case. And a formal letter in response to our CSL will be sent soon. Y.K. 08/30/05: I attempted to return Paul Casowitz's phone call. His message stated that his client would be filing a brownfields application to handle all the environmental concerns. I will check on this. Steve Scharf Pcasowitz@sprlaw.com Paul Casowitz Sive Paget & Riesel, P.C. 460 Park Avenue New York, NY 10022 AKRF

365 BOND STREET (Continued) **S106720972**

Inc. (Ally, King, Rosen and Fleming) will be consultant submitting application. Toll Brothers Inc., is buying the property. description: Phillips Bros is a trust, the purchase money is going mostly into escrow until the environmetnal issues are resolved. site is on the erie basin of the Gowonus canal. There was some free product identivied in the due diligance environmental sampling. Sampling was done by Petroleum Tank cleaners (718)624-4842. S. Scharf 09/07/05 Sent the following e-mail to Paul Casowitz 2/28/06- I am following up on 365 Bond Street. You were going to get back to me with regard to the open spill, spill No. 0407393, on the property and whether your client was going to file a Brownfields application. thanks Steven M. Scharf, P.E. Reply: Steven, My client is the owner--Toll Bros is the contract vendee, they may have closed on title, I am not sure. Toll Brothers filed the BCP application for the site. I am away on vacation from 3/1-8--let me know if you have an application from Toll Bros. Of course in real estate, one never knows the name---special purpose entities being the rule. The BCP group should be able to advise you by the site location.- Paul Casowitz-Sive Paget & Riesel, P.C., 460 Park Avenue New York, NY 10022 03/02/06: Copy of E-mail to Paul Casowitz: Paul, What I'm being told is that, under the NYS Navigation Law (Article 12), the owner at the time (your client) of the reported spill is responsible for remediation of the discharge. thanks, Steven M. Scharf, P.E. greater than greater than greater than Paul Casowitz 3/2/2006 9:44:11 AM greater than greater than greater than Steve, Good---I assume any issues re the spill will be addressed to the applicant. Paul: pcasowitz@sprlaw.com From: Steven Scharf [mailto:sxscharf@gw.dec.state.ny.us] Sent: Thu 3/2/2006 9:33 AM To: Paul Casowitz Subject: RE: 365 Bond Street, Brooklyn, Spill no 0407393 Paul, FYI, A BCP application, App. No. C224116, was processed on 6/7/05. Thanks: Steven Scharf, P.E. NYSDEC refer to John Grathwol. Working on brownfield. S. scharf Previously assigned to S. Scharf and J. Grathwol in Albany office. 10/11/06 - Austin - Reassigned from Central Office staff to Piper, for follow up and closure - end Due to rezoning issues. the applicant withdrew the BCP application in December 2006. 12/08/2008: This spill case was transferred to A. Doronova. AD From now on the progress on this case should be tracked under spill case No.0400876. Toll Brothers is potential buyer who will redevelop the site. AD 04/2010: This site was listed as a part of Gowanus Cannal to EPA's Superfund Program. AD 04/29/2010: Received an e-mail from Mr. Yudelson (attorney for Toll Brothers) saying: Ainura This email is to confirm that I have met with EPA and EPA indicated they will not be in a position to determine what, if any, remedial activities they will require at the Bond Street properties regarding the Superfund Site until the fall. I expect to meet with them again and will inform you if anything changes. Dave (917)295-6449 06/2010: Called and spoke with Mr. Yudelson. He told me that Toll Brothers is no longer interested in buying the site, after it was listed as a Superfund site. Mr. Yudelson gave me a contact info in EPA: Mr. Brian Carr, phone: (212)637-3170. AD 07/26/2010: Called and left a message to D. Yudelson. AD 07/28/2010: Called and left a message to Mr. P. Casowitz - attorney for Mr. Joseph Phillips. Later received a call from D. Yudelson. He told me that the site is owned by Mr. Phillips and Citibank. The site is currently for sale, and Mr. Yudelson is representing a potential buyer. He is going to meet with Mr. Phillips regarding the site cleanup and will contact us later with the results. AD 08/04/2010: Called and spoke with Mr. Yudelson. He gave me a contact info of Mr. Niel Dorman (212)753-7500

365 BOND STREET (Continued) **S106720972**

- attorney for Mr. Phillips. Will call him. AD 12/2/11 - Austin - Received call from Craig (917-952-8216), an independent consultatnt, who wished to know who the DEC project manager was for this spill report. I provided him DEC Doronova's name and phone #. He indicated that he was working with Dave Yudelson on this site, onbehalf of a new buyer (who, according to Craig, was a different buyer than was prevously involved with Mr. Yudelson). - end 12/02/2011: Received a messade from Craig Puerta, phone: 917-952-8216. Called and spoke with him regarding site remediation. Mr. Puerta said that they plan to do remedial excavation instead of soil stabilization as per old approved work plan. Requested him to submit revised work plan for review. AD 01/06/2012: Called and spoke with Mr. Puerta. He told me that his company did not signed the contract yet with the potential buyer, so they are waiting for buyer's decision. Called and spoke with D. Yudelson. He informed me that he is working for the potential buyer, who wants to buy all three properties, previously known as Tall Brooklyn Project and included three spill sites: # 0407393, # 0501697 and # 0400876. Mr. Yudelson said that the contract will be probably singed within next weeks. Mr. Graig Puerta is working with Mr. Yudelson and will be performing environmnetal services to the buyer. Mr. Yudelson will contact me, when contract will be finalazied. AD 08/22/2012: Received the following e-mail from D. Yudelson: Ainura - This project is under consideration and I represent the prospective purchaser, Lightstone Group. The attached is proposed additional delineation sampling with an objective of amending the RAP s for excavation like at 400 Carroll. I believe if this is a go work will start this winter. We are coordinating with EPA and NYC as well. I will keep you posted on the progress and let me know if you have questions. Dave From: David Yudelson Sent: Monday, July 23, 2012 10:19 AM To: Cole, Daniel (DanielCo@dep.nyc.gov) Cc: Steve Ciambruschini (sciambruschini@Langan.com); Christopher McMahon (cmcmahon@Langan.com) Subject: Need to schedule a meeting asap Dan Attached are compilations of all existing data and proposed sampling locations. Soil gas has been added on each site and additional delineation is proposed. There is also an approved DEC work plan for 400 which provides for excavation. I need to know if the additional sampling is adequate as we are doing it asap during due diligence. Dave DL documents into eDocs. AD 10/22/2012: Called and spoke with D. Yudelson. He said that they planning to start additional investigation soon, and that a work plan for such investigation will be submitted in one week. AD This site entered into BCP agreement and is managed by Albany. Site's PM is John Grathwol. 12/5/13: Under BCP site code C224174, IRM Work Plan is approved to be release for public comment. Citizen Participation Plan is under Department review. A public availability session will be held during the public comment period. It is anticipated that the spill contamination will be removed during this IRM. The 2014 Decision Document will address the remaining, if any, contamination. (Grathwol) 11/6/15: Department approved Final Engineering Report and executed the Certificate of Completion for the site owner. Spill closed."

Remarks: "WHILE DOING SOIL BORINGS, FOUND CONTAMNATED SOIL:"

All Materials:
Site ID: 331823
Operable Unit ID: 1094113
Operable Unit: 01
Material ID: 574232
Material Code: 0066A

365 BOND STREET (Continued) **S106720972**

Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

E DESIGNATION:
Name: LOT 1,TAXBLOCK 458
Address: 365 BOND STREET
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 1
Tax Block: 458
Borough Code: Not reported
E-No: E-322
Effective Date: 3/18/2013
Satisfaction Date: Not reported
Ceqr Number: 08DCP033K
Ulurp Number: 130226CMK
Zoning Map No: 16c

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

COOLING TOWERS:
Name: Not reported
Address: 365 BOND ST
City,State,Zip: BROOKLYN, NY 11231
Equipment Unique ID: 13196
Equipment Borough: Manhattan
Intended Use: Air Conditioning
Manufacturer: B.A.C
Model: 53E-1020-070-3
Cooling Capacity: 1500
Cooling Capacity Unit: Tonnage
Commissioned Date: 07/01/2016
Inspection Date: 10/31/2018
Date of Bacteriological Collection: 10/26/2018
Date of Legionella Collection: 11/06/2018
Last Legionella Result > 1,000 CFU/mL: no
Latitude: 40.677832
Longitude: -73.991126

VCP NYC:

358
NE
1/4-1/2
0.307 mi.
1619 ft.

79-97 4TH AVENUE
85 4TH AVENUE
NEW YORK CITY, NY

NY VCP **S125317226**
N/A

Relative:
Higher

Actual:
29 ft.

VCP NYC:

Project ID:	13TMP0188K,13EHAZ188K,13CVCP133K
Name:	79-97 4TH AVENUE
Address:	85 4TH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0093400053009301E+89
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Approved Remedial Plan
Latitude:	40.681608
Longitude:	-73.980192
Postcode:	6
Community Board:	39
Council District:	12901
Census Tract:	3018646
BIN:	3009340007
NTA:	Park Slope-Gowanus

AY359
North
1/4-1/2
0.308 mi.
1624 ft.

WYCKOFF GARDENS -NYCHA
272 WYCKOFF STREET
BROOKLYN, NY

Site 1 of 3 in cluster AY

NY LTANKS **S100781767**
NY Spills **N/A**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Name:	WYCKOFF GARDENS -NYCHA
Address:	272 WYCKOFF STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9307448 / 2004-01-08
Facility ID:	9307448
Site ID:	145839
Spill Date:	1993-09-20
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1993-09-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-09-21
Spill Record Last Update:	2009-01-12
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001

WYCKOFF GARDENS -NYCHA (Continued) **S100781767**

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 118683
DEC Memo: ""
Remarks: "VISUAL LEAKS AT TOP OF TANK. EMPTY TANK - PRESSURE TEST, GAS LEAK & ULTRA SOUND TESTED."

All TTF:
Facility ID: 9307448
Spill Number: 9307448
Spill Tank Test: 1542005
Site ID: 145839
Tank Number: 001
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 145839
Operable Unit ID: 988530
Operable Unit: 01
Material ID: 393709
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: WYCKOFF GARDENS
Address: 272 WYCKOFF ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2003758 / 2020-08-07
Facility ID: 2003758
Facility Type: ER
DER Facility ID: 557783
Site ID: 609493
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 2401
Spill Date: 2020-08-05

WYCKOFF GARDENS -NYCHA (Continued) **S100781767**

Investigator:	RJFENG
Referred To:	Not reported
Reported to Dept:	2020-08-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-08-05
Spill Record Last Update:	2020-08-07
Spiller Name:	NELSON DIAZ
Spiller Company:	WYCKOFF GARDENS
Spiller Address:	272 WYCKOFF ST
Spiller Company:	999
Contact Name:	NELSON DIAZ
DEC Memo:	"8/5/2020 - Feng - Desk Duty in office. spoke to Nelson Diaz. The mobile boiler strainer failure and leaked about 6 gallons fuel oil. Provide him email for him to forward the photos over. received email Good afternoon all, Today a spill was called in today at 3:30 PM that occurred at 2PM. This spill was called in to dispatcher #51 and approximately 6 gallons was spilled. DETAILS: Today at 2PM the heating department found a spill because of a leaking fuel oil strainer (mechanical failure). Heating replaced the strainer. FORU is currently on site for spill clean up. We will degrease and hot pressure wash all affected areas and vacuum all water/oil mix. Will provide an update upon completion and send after photos. Thank you. Nelson Diaz Assistant Superintendent Technical Services Department 24 02 49th Ave, LIC, NY 11101 Tel. +1 (718) 707-8688 Cel. +1 (917) 841-6552 Nelson.Diaz1@nycha.nyc.gov New York City Housing Authority - nyc.gov/nycha The Before Photos show spill on the pavement and water in the catch basin. POST SPILL CLEAN UP: Good evening all, Attached you will find photos after clean up. And a total of 120 gallons of contaminated water was recovered for disposal at clean water. Post cleanup photos show the spill has been cleaned up and the water in the catch basin has been vacuumed out. Spill has been cleaned up. Spill is closed. "
Remarks:	"C/U IN PROGRESS"

All Materials:

Site ID:	609493
Operable Unit ID:	1356645
Operable Unit:	01
Material ID:	2367964
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

WYCKOFF GARDENS -NYCHA (Continued) **S100781767**

Name:	WYCKOFF HOUSING -NYCHA
Address:	272 WYCKOFF STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9909440 / 2019-01-14
Facility ID:	9909440
Facility Type:	ER
DER Facility ID:	118683
Site ID:	138815
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-11-03
Investigator:	AAOBLIGA
Referred To:	NYCHA TO PREPARE WP
Reported to Dept:	1999-11-03
CID:	382
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-11-03
Spill Record Last Update:	2019-01-14
Spiller Name:	CALLER
Spiller Company:	NYC HOUSING
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	ED MALONE
DEC Memo:	"11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. 07/17/06: NYCHA update summary states that two 25K tanks installed in December 1966 were replaced by one 15K tank installed in December 1999. Contaminated soil was encountered during the tank replacement. A.L. Eastmond performed GW sampling that show no exceedances but the soil conditions remain unknown. NYCHA recommends a round of soil borings in the tank farm area. - SK 02/08/07 : J.kann - DEC lead changed from S. Kraszewski to J. Kann. 06/05/17: J.Kann - GSIP for investigation at this site was approved in an email 5/31/17. Contractor must provide sampling location diagram prior to work starting. SIR due 12/31/17. Spill reassigned to Andre Obligado. 1/14/19 - Obligado - I reviewed the investigation report. 11 soil borings were advanced. Only one soil boring at the remote fill location at 6-8 ft bgs had VOCs above SCOs - 6 ppm 1,2,4 trimethylbenzene, 3.1 pm xylenes. All other samples were below SCOs. Most borings had elevated SVOCs which the report attributes to urban fill. Soil borings do not show any evidence of petroleum impact (elevated PIDs or staining) at the groundwater which supports the assertion that the SVOCs are due to fill. The minor exceedence at the fillport is not likely to have significantly impacted groundwater. This spill does not appear to be a threat to human health or the environment. Spill closed. "
Remarks:	"contaminated soil found during the removal of 1 25,000 gal tank. excavation and replacement of tank "

WYCKOFF GARDENS -NYCHA (Continued) **S100781767**

All Materials:
Site ID: 138815
Operable Unit ID: 1084044
Operable Unit: 01
Material ID: 298527
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AW360 **TOLL BROOKLYN, LP** **NY BROWNFIELDS** **S113916457**
West **64-98 1ST ST; 82-107 1ST ST; 119-145 2ND ST;** **N/A**
1/4-1/2 **BROOKLYN, NY 11231**
0.309 mi.
1629 ft. **Site 2 of 2 in cluster AW**

Relative: **Higher**
Actual: **19 ft.**

BROWNFIELDS:
Name: TOLL BROOKLYN, LP
Address: 64-98 1ST ST; 82-107 1ST ST; 119-145 2ND ST;
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 348572
Acres: 3.570
HW Code: C224116
SWIS: 2401
Town: New York City
Record Added Date: 06/30/2005
Record Updated Date: 09/04/2008
Update By: DMMOLOUG
Site Description: "Remediation of the site is proposed under the Brownfield Cleanup Program. The Toll Brooklyn, LP site is located in Kings County, NY and is comprised of three separate parcels, which were investigated separately between 1997 and 2005. The parcels include 363 Bond Street (Tax Block 452, Lot 1), 365 Bond Street (Tax Block 458, Lot 1) and 400 Carroll Street (Tax Block 452, Lot 15). The specific addresses listed in the BCP Application are: 64-98 1st Street; 82-107 1st Street; 119-145 2nd Street; 357-379 Bond Street; and 400-402 Carroll Street. Residential use is proposed for the Toll Brooklyn, LP site. Due to rezoning issues, the applicant withdrew their BCP application without prejudice in December 2006."
Env Problem: "Despite the termination of this project, there is an ongoing spill investigation at this site. Spill #04-07393 was referred to the DEC Region 2 spills office in Long Island City, Queens County."
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported

TOLL BROOKLYN, LP (Continued) **S113916457**

Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	NNN
Owner Name:	DAVID VON SPRECKELSEN
Owner Company:	TOLL BROTHERS, INC.
Owner Address:	16 COURT STREET
Owner Addr2:	SUITE 1009
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	C/O HARTMAN & CRAVEN, LLP
Owner Company:	CITIBANK, NA AND JOSEPH PHILLIPS
Owner Address:	488 MADISON AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10022
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	JOHN ROMEO
Owner Company:	FIBERWAVE TECHNOLOGIES
Owner Address:	125 2ND STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11231
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	ANDREW MARTORELLI
Owner Company:	ALL-BRITE CLEANERS
Owner Address:	123 2ND STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	FOR 363 BOND ST PROPERTY (TAX #452-1)
Owner Company:	363 BOND STREET CORPORATION
Owner Address:	363 BOND STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11231
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	FOR 363 BOND ST PROPERTY (TAX #452-1)
Owner Company:	FRIEDKNIT CREATIONS
Owner Address:	363 BOND STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	DAVID LEFKOWITZ
Owner Company:	WOODEN BRIDGE, LLC
Owner Address:	136 HICKS STREET

TOLL BROOKLYN, LP (Continued) **S113916457**

Owner Addr2:	SUITE 1C
Owner City,St,Zip:	BROOKLYN, NY 1
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	DAVID LEFKOWITZ
Owner Company:	WOODEN BRIDGE, LLC
Owner Address:	136 HICKS STREET
Owner Addr2:	SUITE 1C
Owner City,St,Zip:	BROOKLYN, NY 1
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AY361 **WYCKOFF GARDENS -NYCHA** **NY LTANKS** **S100146694**
North **272 WYCKOFF STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.314 mi.
1657 ft. **Site 2 of 3 in cluster AY**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Name:	WYCKOFF GARDENS -NYCHA
Address:	272 WYCKOFF STREET
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9010808 / 2004-01-08
Facility ID:	9010808
Site ID:	145838
Spill Date:	1991-01-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1991-01-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-01-16
Spill Record Last Update:	2005-03-04
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller County:	001

WYCKOFF GARDENS -NYCHA (Continued) **S100146694**

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 124226
DEC Memo: ""
Remarks: "(2) 25K TANKS FAILED HORNER EZY CHECK WITH A VISUAL LEAK AT TOP OF TANK,TO REPAIR & RETEST. See 9307448."

All TTF:
Facility ID: 9010808
Spill Number: 9010808
Spill Tank Test: 1538140
Site ID: 145838
Tank Number: 001
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

Facility ID: 9010808
Spill Number: 9010808
Spill Tank Test: 1538141
Site ID: 145838
Tank Number: 002
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 145838
Operable Unit ID: 951021
Operable Unit: 01
Material ID: 430923
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L

WYCKOFF GARDENS -NYCHA (Continued) **S100146694**

Recovered: .00
Oxygenate: Not reported

AX362 **105 3RD AVE** **NY Spills** **S102672023**
NNE **105 3RD AVENUE** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.318 mi.
1677 ft. **Site 2 of 2 in cluster AX**

Relative: **Higher**
Actual: **25 ft.**

LTANKS:
Name: 105 3RD AVE
Address: 105 3RD AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9210549 / 1998-11-12
Facility ID: 9210549
Site ID: 327377
Spill Date: 1992-12-12
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: D3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1992-12-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-12-15
Spill Record Last Update: 1998-11-12
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 101565
DEC Memo: ""
Remarks: "BAERENKLAU OIL APPLIED SPEEDY-DRY"

All Materials:
Site ID: 327377
Operable Unit ID: 977180
Operable Unit: 01
Material ID: 404007
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00

105 3RD AVE (Continued) **S102672023**

Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: 105 3RD AVE/BROOKLYN
Address: 105 3RD AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9009533 / 1990-12-03
Facility ID: 9009533
Facility Type: ER
DER Facility ID: 101565
Site ID: 116745
DEC Region: 2
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 2401
Spill Date: 1990-12-03
Investigator: FINGER
Referred To: Not reported
Reported to Dept: 1990-12-03
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: 1990-12-03
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1990-12-11
Spill Record Last Update: 2003-03-20
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "BAERENKLAU SPILL TEAM ENROUTE TO CLEAN UP SPILL."

All Materials:
Site ID: 116745
Operable Unit ID: 949952
Operable Unit: 01
Material ID: 429745
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

AU363 **141 3RD STREET** **NY BROWNFIELDS** **S127990284**
WSW **141 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11231**
0.324 mi.
1711 ft. **Site 2 of 2 in cluster AU**

Relative: **Lower**
Actual: **6 ft.**

BROWNFIELDS:

Name:	141 3RD STREET
Address:	141 3RD STREET
City,State,Zip:	BROOKLYN, NY 11231
Program:	BCP
Site Code:	624862
Acres:	1.030
HW Code:	C224336
SWIS:	2401
Town:	New York City
Record Added Date:	09/23/2021
Record Updated Date:	02/01/2022
Update By:	HMDUDEK

Site Description: "Location: The about 45,500-square-foot (about 1.03 acre) site is located in the Gowanus neighborhood of Brooklyn, New York and is identified as Block 462, Lot 14 on the Brooklyn Borough Tax Map. The site is bound by 2nd Street to the north; the Gowanus Canal to the east; 3rd Street to the south; and parking facilities and commercial and residential buildings followed by Bond Street to the west. Site Features: The site is currently used as an office space, parking lot and construction materials storage for Monadnock Construction. A June 28, 2021 boundary & topographic survey, prepared by Control Point Associates Inc., indicates that the site ground surface slopes down from west (elevation [el]1 9.5) to east (el 5.5), toward the Gowanus Canal. A new steel sheet pile bulkhead was installed along the eastern boundary of the site and completed in August 2017. As part of the construction, dead man piles were installed about 50 feet inland of the canal, connected to the bulkhead with double channel wales. Sheet piles were installed to approximately el -34. Current Zoning and Land Use: The site is zoned for industrial/manufacturing use. The entire site is located in the M2-1 manufacturing district. The surrounding area includes commercial, industrial, residential, and transportation/utility buildings, as well as vacant lots, construction sites, and open space. Past Use of the Site: The site historically operated as a grain and feed mill and woodworking facility from as early as 1886 until at least 1928, a coal company from as early as 1928 until at least 1950, and an automobile salvage yard from as early as 1977 until at least 1986. During the 2011 Site Characterization performed by the ELM Group, droplets of light non-aqueous phase liquids (LNAPL) were observed in one soil boring at the soil/water table interface. Based upon the findings, the New York State Department of Environmental Conservation (NYSDEC) was notified and Spill No. 11-11444 was assigned to the site. A remedial investigation (RI) was performed in March 2012 to further investigate and delineate the extents of the spill impacts. The RI included the installation of delineation borings from the boring location where LNAPL was previously identified, installation of a groundwater monitoring well, and the collection of a groundwater sample. Soil and groundwater analytical results identified that the LNAPL appeared to be bound in the soil and was not impacting the groundwater at the site. LNAPL impacts were limited to an about 20-foot-long, 10-foot-wide, and 6-foot-deep area, which was excavated and removed from site between March and June 2012. A review of groundwater

141 3RD STREET (Continued) **S127990284**

analytical results from samples collected from the remedial excavation indicated target compound list (TCL) volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) were not detected, indicating successful LNAPL removal. The excavated area was backfilled and capped to match surrounding grade. The NYSDEC closed the spill on 6 August 2012. A new bulkhead along the eastern boundary of the site was constructed and completed in August 2017. Site Geology and Hydrogeology: Langan s June 2021 limited subsurface investigation at the site identified an about 4-inch-thick asphalt cover in the parking lot area, and an about 7-inch-thick concrete cover near the existing office building. The cover was underlain by contaminated fill predominantly consisting of fine- to medium-grained sand with varying amounts of silt, gravel, concrete, brick, wood, glass, organics and shell fragments. The contaminated fill was observed from surface grade to about 11.5 to 16 feet below grade surface (bgs). Fine-grained silty sand with varying amounts of clay, shells fragments, organics, and gravel was observed below the fill. An approximately 3-foot layer of dark grey silt was observed from approximately 27 to 30 feet bgs. Beneath the silt layer, the soil consisted of reddish brown to brown, fine- to medium-grained sands with varying amounts of silt, fine gravel and clay. Bedrock was not encountered during the June 2021 limited subsurface investigation; however, based on Langan s experience in the surrounding area, bedrock is expected at approximately 150 feet bgs. A 2011 investigation performed by The ELM Group identified a layer of fine- to coarse-grained sands containing varying amounts of silt and gravel from immediately below the asphalt/concrete pavement to an approximate depth of about 6 feet bgs across the site was identified. Isolated lenses of contaminated fill containing varying amounts of brick, wood, concrete and glass were observed from immediately below the asphalt/concrete pavement to approximately 2 to 4 feet bgs across the site. The groundwater flow direction for the area surrounding the site is tidally influenced. Shallow, intermediate, and deep groundwater flow east towards Gowanus Canal. Groundwater underlying the site was observed at about 6 to 9 feet bgs. "

Env Problem: "Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 4
Sub Type: NNN
Owner Name: monadnock Development, LLC
Owner Company: monadnock Development, LLC

141 3RD STREET (Continued) **S127990284**

Owner Address:	155 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Matthew Albert
Owner Company:	155 Third St., LLC
Owner Address:	155 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Matthew Albert
Owner Company:	155 Third St., LLC
Owner Address:	155 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Michael Racioppo
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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364 **SINSI RESIDENCE** **NY LTANKS** **S102673358**
ENE **112 ST MARKS PL** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.341 mi.
1800 ft.

Relative: LTANKS:
Higher

Name:	SINSI RESIDENCE
Address:	112 ST MARKS PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9600499 / 1996-04-11

Actual:
34 ft.

SINSI RESIDENCE (Continued) **S102673358**

Facility ID:	9600499
Site ID:	208826
Spill Date:	1996-04-10
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1996-04-11
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-11
Spill Record Last Update:	2004-04-19
Spiller Name:	PETER LEPORE
Spiller Company:	WHALECO FUEL
Spiller Address:	1 COFFEE ST
Spiller County:	001
Spiller Contact:	SINSI
Spiller Phone:	(718) 789-1728
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	173238
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"DRIVER OVERFILLED THE FUEL TANK AND IT SPILLED OUTSIDE ONTO THE SIDEWALK - SPILL CLEANED UP WITH ABSORBANTS"

All Materials:

Site ID:	208826
Operable Unit ID:	1028179
Operable Unit:	01
Material ID:	353894
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

365
WSW
1/4-1/2
0.344 mi.
1814 ft.

THIRD STREET GOWANUS
125 3RD STREET
BROOKLYN, NY 11231

NY BROWNFIELDS **S128529086**
N/A

Relative:
Lower

Actual:
10 ft.

BROWNFIELDS:

Name:	THIRD STREET GOWANUS
Address:	125 3RD STREET
City,State,Zip:	BROOKLYN, NY 11231
Program:	BCP
Site Code:	628534
Acres:	0.470
HW Code:	C224346
SWIS:	2401
Town:	New York City
Record Added Date:	11/17/2021
Record Updated Date:	02/02/2022
Update By:	HMDUDEK

Site Description: "Location: The site is located at 125 3rd Street (latitude 40 40 37.5 , longitude -73 59 28.6) in the Gowanus neighborhood of Brooklyn, New York. The site encompasses the following tax lot: Block 462, Lot 6 and occupies a total area of about 20,300 square feet (0.47 acres). The site is bound to the north by 2nd Street: to the northeast by a 2-story industrial building (140 2nd Street/Lot 9); to the east by an open-air asphalt parking lot (155 3rd Street/Lot 14); to the south by 3rd Street; and to the west by a vacant lot (123 3rd Street/Lot 50) and a 3-story residential building (128 2nd Street/Lot 5). According to the United States Geology Survey (USGS) 7.5-Minute Quadrangle Map, the site elevation is about 10 feet above mean sea level (msl). Site Features/Current Zoning and Land Use: The current uses of each former tax lot on the site are as follows: (Former Lot 6) one-story warehouse occupied by a freight trucking company with open air parking to the north and south; (Former Lot 8) Vacant warehouse; (Former Lot 44) Warehouse occupied by a moving company; (Former Lot 42 and p/o Lot 9) Warehouse occupied by a van rental company According to the New York City Department of City Planning (NYCDCP) Zoning Map 16c, dated May 27, 2021, the site is currently located in a M2-1 manufacturing district and is proposed to be rezoned to a mixed M1(3)/R7-2 manufacturing and residential district, pursuant to a Uniform Land Use Review Procedure (ULURP) and the ongoing Gowanus Neighborhood Rezoning City Environmental Quality Review (CEQR) No. 19DCP157K. The adjoining parcels are used for residential, commercial, and industrial purposes, with the surrounding area generally consisting of residential, commercial, and light industrial use. Past Uses of the Site: According to historical records, the site was occupied by commercial and industrial facilities since the late 1800s. The historical uses are listed below: Painting company (1886), Stone cutting facility and carpenter (1886), Mattress and quilt manufacturing facility (1904), Brewing and bottling company (1915 to 1938), Garage (1938 to 1950, 1977 to 2007), Waste paper and rag bailing company (1950), Freight depot (1969 to 2007), Unknown manufacturing (1977 to 2007). The site is currently improved with a one-story warehouse with open air parking to the north and south occupied by a freight depo (former Lot 6), a vacant one-story warehouse (former Lot 8), a one-story warehouse occupied by a moving company (former Lot 44), and a one-story warehouse occupied by a van rental company (former Lot 42 and p/o Lot 9). Site Geology and Hydrogeology: Historic fill was encountered from surface grade to

THIRD STREET GOWANUS (Continued) **S128529086**

depths ranging from about 3 to 12 feet below grade surface (bgs). Fill material consisting of various amounts of sand, silt, gravel, coal, coal ash, slag, and wood. A layer of brown/grey medium to fine grained sand with varying amounts of silt and gravel was encountered below the fill layer. A layer of dark grey organic clay with varying amounts of organics was encountered below the upper sand layer. The top of the organic clay layer was found between about 10.5 and 20 feet bgs and was about 7 to 18.5 feet thick. A layer of sand with varying amounts of silt and gravel was encountered below the clay layer. Bedrock was not encountered. Groundwater was encountered at about 2.5 to 7 feet bgs and presumably flows east towards the Gowanus Canal. "

Env Problem:	"Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	P03
Owner Name:	Andrew Bradfield
Owner Company:	Third Street Gowanus Owner LLC
Owner Address:	c/o Orange Management Inc.
Owner Addr2:	22 Carroll Street, Ground Floor
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	n/a
Owner Company:	Kirus Reliable Inc.
Owner Address:	135 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	n/a
Owner Company:	Carroll Gardens Branch Library
Owner Address:	396 Clinton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	n/a

THIRD STREET GOWANUS (Continued) **S128529086**

Owner Company:	Third Street Holdings, LLC
Owner Address:	137 Third Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	n/a
Owner Company:	VTI Van Rental
Owner Address:	137 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Michael Racioppo
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	n/a
Owner Company:	Movers, Not Shakers!
Owner Address:	131 3rd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AY366 **ULANO CORP-280 BERGEN ST** **NY AIRS** **S106534421**
NNE **280 BERGEN ST** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11217**
0.345 mi.
1824 ft. **Site 3 of 3 in cluster AY**

Relative:
Higher

Actual:
24 ft.

LTANKS:

Name:	ULAMO CORP
Address:	280 BERGEN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9713764 / 1999-05-18
Facility ID:	9713764
Site ID:	247275
Spill Date:	1998-03-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported

ULANO CORP-280 BERGEN ST (Continued) **S106534421**

SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1998-03-12
CID: 370
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-03-12
Spill Record Last Update: 2002-04-11
Spiller Name: ABOVE CALLER
Spiller Company: ULAMO CORP
Spiller Address: 280 BERGEN ST
Spiller County: 001
Spiller Contact: ABOVE CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 203043
DEC Memo: ""
Remarks: "tank test failure - will isolate and retest"

All TTF:
Facility ID: 9713764
Spill Number: 9713764
Spill Tank Test: 1545668
Site ID: 247275
Tank Number: Not reported
Tank Size: 10000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 14
Test Method 2: VacuTest
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 247275
Operable Unit ID: 1056630
Operable Unit: 01
Material ID: 553358
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00

ULANO CORP-280 BERGEN ST (Continued) **S106534421**

Oxygenate: Not reported

AIRS:
Name: ULANO CORP-280 BERGEN ST
Address: 280 BERGEN ST
City,State,Zip: BROOKLYN, NY 11217
DECID: 2610300077
Process ID: Not reported
Latitude: Not reported
Longitude: Not reported
FIPS Code: Not reported
Auth Type Code: AFR

Permit Status: Issued
Auth Status Code: 2
Emissions: Not reported
Issue date: 04/05/2006
Expired Date: Not reported
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 04/05/2006
Expired Date: Not reported
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 10/22/2001
Expired Date: 04/03/2006
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.00045691
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: PM25-PRI
EPA Control Code: Not reported
Control Eff: Not reported
Unit: TON

ULANO CORP-280 BERGEN ST (Continued) **S106534421**

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.00067163
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: PM25-PRI
EPA Control Code: Not reported
Control Eff: Not reported
Unit: TON

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.0002
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: 7440439
EPA Control Code: Not reported
Control Eff: Not reported
Unit: LB

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.0004
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: 7440020
EPA Control Code: Not reported
Control Eff: Not reported
Unit: LB

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.006
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: NOX
EPA Control Code: Not reported
Control Eff: Not reported
Unit: TON

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: 206440
EPA Control Code: Not reported
Control Eff: Not reported
Unit: LB

Permit Status: Not reported
Auth Status Code: Not reported

ULANO CORP-280 BERGEN ST (Continued) **S106534421**

Emissions:	70
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	I00001
Contamination:	78933
EPA Control Code:	112
Control Eff:	95
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	65
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	I00001
Contamination:	78933
EPA Control Code:	112
Control Eff:	95
Unit:	LB

367
NE
1/4-1/2
0.366 mi.
1930 ft.

341 BERGEN ST
341 BERGEN ST
BROOKLYN, NY

NY LTANKS **S102663561**
N/A

Relative:
Higher

Actual:
29 ft.

LTANKS:

Name:	341 BERGEN ST
Address:	341 BERGEN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9706573 / 1998-04-30
Facility ID:	9706573
Site ID:	66262
Spill Date:	1997-09-02
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-09-02
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-02
Spill Record Last Update:	1998-05-14
Spiller Name:	LEON SZUSTERMAN
Spiller Company:	LEONETTE TRUCKING
Spiller Address:	389 MELROSE ST
Spiller County:	001
Spiller Contact:	LEON SZUSTERMAN
Spiller Phone:	(718) 417-7741

341 BERGEN ST (Continued) **S102663561**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 63476
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG CALLED LEON SZUSTERMAN, BEEPER# 917 949-1781. HE CALLED BACK, SAID THAT IT WAS A FEW GALLONS (2-3 GAL.) SPILL FROM THE STICKLINE WHEN TANK WAS OVERFILLED HAS BEEN CONTAINED AND CLEANED UP W/SPEEDY DRY. REFER TO DEP. IWCS FOR POSSIBLE ENFORCEMENT."
Remarks: "DRIVER WAS FILLING AN OUTSIDE TANK TO A TAXI SERVICE AND OVERFILLED THE TANK - FDNY ON SCENE AND SPILL HAS BEEN CONTAINED"

All Materials:
Site ID: 66262
Operable Unit ID: 1052802
Operable Unit: 01
Material ID: 332162
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: .00
Oxygenate: Not reported

AZ368 **GOWANUS CANAL CONSERVANCY; INC.** **NY SWF/LF** **S128178173**
WSW **2 SECOND AVE.** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.382 mi.
2019 ft. **Site 1 of 2 in cluster AZ**

Relative: **Lower**

Actual: **2 ft.**

SWF/LF:
Name: GOWANUS CANAL CONSERVANCY; INC.
Address: 2 SECOND AVE.
City,State,Zip: BROOKLYN, NY 11215
Flag: INACTIVE
Region Code: 2
Phone Number: 7185414378
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Composting - source separated organic waste - registration
Activity Number: [24CG3]
Active: No
East Coordinate: 585201
North Coordinate: 4503235
Accuracy Code: Not reported

GOWANUS CANAL CONSERVANCY; INC. (Continued) **S128178173**

Regulatory Status:	Registration
Waste Type:	Yard Waste
Authorization #:	24CG3
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Andrew Simons
Operator Type:	Private
Laste Date:	Not reported

AZ369 **BK6 SALT LOT COMMUNITY COMPOST SITE** **NY SWF/LF** **S128177808**
WSW **2 SECOND AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.382 mi.
2019 ft. **Site 2 of 2 in cluster AZ**

Relative: SWF/LF:
Lower

Actual:
2 ft.

Name:	BK6 SALT LOT COMMUNITY COMPOST SITE
Address:	2 SECOND AVENUE
City,State,Zip:	BROOKLYN, NY 11215
Flag:	ACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Big Initiatives Incorporated
Owner Type:	Not reported
Owner Address:	1 12th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11215
Owner Email:	xander@bigreuse.org
Owner Phone:	2072154654
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Composting - SSO - registration
Activity Number:	[24P20012]
Active:	Yes
East Coordinate:	585186
North Coordinate:	4503231
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Source Separated Organic Waste (SSOW);Leaves;Wood/Brush;Yard Waste
Authorization #:	24P20012
Authorization Date:	4/22/2021
Expiration Date:	4/21/2026
Operator Name:	Big Initiatives Incorporated
Operator Type:	Not reported
Laste Date:	Not reported

BA370 **PATTERSON CHEMICAL CO INC** **ECHO** **1000403436**
WSW **102 3RD ST** **FINDS** **N/A**
1/4-1/2 **BROOKLYN, NY 11231** **RCRA NonGen / NLR**
0.397 mi. **CORRACTS**
2095 ft. **Site 1 of 2 in cluster BA**

Relative:
Lower

Actual:
17 ft.

CORRACTS:

Name: PATTERSON CHEMICAL CO INC
Address: 102 3RD ST
Address 2: Not reported
EPA ID: NYD980592471
Area Name: SITEWIDE
Corrective Action: RFA INITIATION
Actual Date: 19931119
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: PATTERSON CHEMICAL CO INC
Address: 102 3RD ST
Address 2: Not reported
EPA ID: NYD980592471
Area Name: SITEWIDE
Corrective Action: RFA COMPLETED
Actual Date: 19940920
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: PATTERSON CHEMICAL CO INC
Address: 102 3RD ST
Address 2: Not reported
EPA ID: NYD980592471
Area Name: SITEWIDE
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19940527
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA NonGen / NLR:

Date Form Received by Agency: 20070101
Handler Name: PATTERSON CHEMICAL CO INC
Handler Address: 102 3RD ST
Handler City,State,Zip: BROOKLYN, NY 11231
EPA ID: NYD980592471
Contact Name: MOE STONE
Contact Address: 3RD ST
Contact City,State,Zip: BROOKLYN, NY 11231
Contact Telephone: 718-855-7676
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 3RD ST
Mailing City,State,Zip: BROOKLYN, NY 11231
Owner Name: ACE TERMINALS
Owner Type: Private
Operator Name: PATTERSON CHEMICAL CO INC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Storage
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Storage
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: Yes
Corrective Action Priority Ranking: Low
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F010
Waste Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F012
Waste Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F017
Waste Description: Not Defined

Waste Code: F018
Waste Description: Not Defined

Waste Code: K086
Waste Description: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: U101
Waste Description: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

Handler - Owner Operator:
Owner/Operator Indicator: Owner

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Owner/Operator Name: ACE TERMINALS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 102 3RD ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11231
Owner/Operator Telephone: 212-855-7676
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATTERSON CHEMICAL CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 102 THIRD STREET
Owner/Operator City,State,Zip: OPERCITY, NY 99999
Owner/Operator Telephone: 212-855-7676
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ACE TERMINALS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 102 3RD ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11231
Owner/Operator Telephone: 212-855-7676
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATTERSON CHEMICAL CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 102 THIRD STREET
Owner/Operator City,State,Zip: OPERCITY, NY 99999
Owner/Operator Telephone: 212-855-7676
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19801119
Handler Name: PATTERSON CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801231
Handler Name: PATTERSON CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: PATTERSON CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: PATTERSON CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800725
Handler Name: PATTERSON CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

NAICS Code: 49311
NAICS Description: GENERAL WAREHOUSING AND STORAGE

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19860722
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850322
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19860610
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19860326
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19840726
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850513
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

FINDS:
Registry ID: 110004387814

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000403436
Registry ID: 110004387814
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004387814
Name: PATTERSON CHEMICAL CO INC
Address: 102 3RD ST
City,State,Zip: BROOKLYN, NY 11231

BB371 **US RECYCLING INC** **NY SWRCY** **S103560390**
SW **141 6TH STREET** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.400 mi.
2110 ft. **Site 1 of 5 in cluster BB**

Relative:
Lower

Actual:
8 ft.

SWRCY:
Name: US RECYCLING INC
Address: 141 6TH STREET
City,State,Zip: BROOKLYN, NY 11215
Region: 2
Facility Address 2: Not reported
Phone Number: 7184887576
Owner Type: Private
Owner Name: U.S. Recycling; Inc.
Owner Address: 141 6th Street
Owner Address 2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Email: Not reported
Owner Phone: 7184887576
Contact Name: Not reported
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: RHRF - greater than 5 tpd - registration
Activity Number: [24R20088]
Active: Yes
East Coordinate: 585234
North Coordinate: 4503097
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Registration
Permit #: 24R20088
Auth. Date: 3/16/2018
Expiration Date: 3/15/2023
Waste Types: Commingled Paper;Commingled Containers

US RECYCLING INC (Continued) **S103560390**

Operator Name: Anthony P. Sindone
Operator Type: Private
Last Date: 1/20/2017

SPILLS:
Name: 141 6TH ST BET 1 & 2 AVES
Address: 141 6TH ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9204442 / 1992-07-31
Facility ID: 9204442
Facility Type: ER
DER Facility ID: 168471
Site ID: 202525
DEC Region: 2
Spill Cause: Other
Spill Class: C2
SWIS: 2401
Spill Date: 1992-07-15
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1992-07-17
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Local Agency
Cleanup Ceased: 1992-07-31
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-07-22
Spill Record Last Update: 1993-04-26
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "NYCDEP SAMPLED. SANITATION POLICE INVESTIGATING."

All Materials:
Site ID: 202525
Operable Unit ID: 968172
Operable Unit: 01
Material ID: 412167
Material Code: 0945A
Material Name: fabric shards
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Site ID: 202525
Operable Unit ID: 968172

US RECYCLING INC (Continued) **S103560390**

Operable Unit:	01
Material ID:	412166
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BC372 **80 3RD AVE.** **NY LTANKS** **S102671969**
NNE **80 3RD AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.407 mi.
2149 ft. **Site 1 of 2 in cluster BC**

Relative: **Higher**

Actual: **29 ft.**

LTANKS:

Name:	80 3RD AVE.
Address:	80 3RD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9208644 / 1992-10-27
Facility ID:	9208644
Site ID:	76952
Spill Date:	1992-10-27
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	1992-10-27
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1992-10-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-27
Spill Record Last Update:	1992-10-27
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	71861
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER "
Remarks:	"SPILL INTO BASEMENT & SMALL AMOUNT INTO SANITARY SEWER VIA SUMP PUMP- F.D. APPLYING SORBENT AND SPILLER TO FOLLOW UP ,NYCDEP ALSO RESPONDINGTO-718-595-4646 NYCDEP RESPONDED ON SCENE WILL CALL IF

80 3RD AVE. (Continued) **S102671969**

NEEDH"

All Materials:
Site ID: 76952
Operable Unit ID: 972186
Operable Unit: 01
Material ID: 405732
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2000.00
Units: G
Recovered: .00
Oxygenate: Not reported

BD373 **74-76 SOUTH SECOND STREET** **NY VCP** **S125317197**
West **74-76 SECOND STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.409 mi.
2161 ft. **Site 1 of 2 in cluster BD**

Relative:
Higher

Actual:
32 ft.

VCP NYC:
Project ID: 19TMP0264K,19EH-N099K,19CVCP072K
Name: 74-76 SOUTH SECOND STREET
Address: 74-76 SECOND STREET
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3024160008
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Construction
Latitude: 40.678241
Longitude: -73.992818
Postcode: 6
Community Board: 39
Council District: 77
Census Tract: 3007873
BIN: 3004610012
NTA: Carroll Gardens-Columbia Street-Red Hook

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374 **P.S. # 51- 350 5TH AVE** **NY LTANKS** **S105053994**
South **P.S. #51 - 350 5TH AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.410 mi.
2164 ft.

Relative:
Higher

Actual:
34 ft.

LTANKS:
Name: P.S. # 51- 350 5TH AVE
Address: P.S. #51 - 350 5TH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9409320 / 1995-02-06
Facility ID: 9409320
Site ID: 105617
Spill Date: 1994-10-12
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other

P.S. # 51- 350 5TH AVE (Continued) **S105053994**

Spill Class:	B3
Cleanup Ceased:	1995-02-06
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1994-10-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-11-07
Spill Record Last Update:	1999-11-16
Spiller Name:	Not reported
Spiller Company:	NYC BOARD OF EDUCATION
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	93158
DEC Memo:	""
Remarks:	"PUMPING TANK OUT - EXCAVATED TO TOP OF TANK, REPLACED FILL LINE NO SOIL CONT. RETESTED AND PASSED 12/8/95"

All TTF:

Facility ID:	9409320
Spill Number:	9409320
Spill Tank Test:	1543242
Site ID:	105617
Tank Number:	Not reported
Tank Size:	0
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	105617
Operable Unit ID:	1003278
Operable Unit:	01
Material ID:	378742
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

P.S. # 51- 350 5TH AVE (Continued) **S105053994**

Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

BB375 **163 6TH STREET LLC** **NY MANIFEST** **S117392702**
SW **163 6TH ST** **NY SPDES** **N/A**
1/4-1/2 **BROOKLYN, NY 11215** **NY SWRCY**
0.413 mi.
2183 ft. **Site 2 of 5 in cluster BB**

Relative: **Lower**
Actual: **11 ft.**

SWRCY:
Name: SIXTH STREET IRON AND METAL
Address: 163 6TH STREET
City,State,Zip: BROOKLYN, NY 11215
Region: 2
Facility Address 2: Not reported
Phone Number: 7182223133
Owner Type: Not reported
Owner Name: Sixth Street Iron and Metal
Owner Address: 163 6th Street
Owner Address 2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Anthony DeConcillis
Contact Address: same
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: anthony@dorannresources.com
Contact Phone: 7182223133
Activity Desc: RHRF - exempt (non-VDF)
Activity Number: [24M00]
Active: No
East Coordinate: 585300
North Coordinate: 4503057
Accuracy Code: Not reported
Regulatory Status: Not reported
Permit #: Not reported
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

NY MANIFEST:
Name: 163 6TH STREET LLC
Address: 163 6TH ST
City,State,Zip: BROOKLYN, NY 11215
Country: USA
EPA ID: NYR000232280
Facility Status: Not reported
Location Address 1: 163 6TH STREET
Code: BP
Location Address 2: Not reported

163 6TH STREET LLC (Continued) **S117392702**

Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11215
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000232280
Mailing Name: 163 6TH STREET LLC
Mailing Contact: 163 6TH STREET LLC
Mailing Address 1: 163 6TH ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJR986653780
Trans2 State ID: Not reported
Generator Ship Date: 10/04/2017
Trans1 Recv Date: 10/04/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/04/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000232280
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: PAD085690592
TSDF ID 2: Not reported
Manifest Tracking Number: 010962571FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: Y
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 51540
Units: P - Pounds

163 6TH STREET LLC (Continued) **S117392702**

Number of Containers: 1
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

SPDES:

Name: SIXTH STREET IRON AND METAL
Address: 163 6TH ST
City,State,Zip: BROOKLYN, NY 11215
Permit Number: NYR00F428
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 5093
State Water Body Name: GOWANUS CANAL
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: SC
Lat/Long: +40.674 / -73.990
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: SIXTH STREET IRON AND METAL
Non-Gov Permit Street Address: SIXTH STREET IRON AND METAL
Non-Gov Permit Supplemental Location: 163 6TH ST
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11215
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: SIXTH STREET IRON AND METAL
Non-Gov Facility Street Address: SIXTH STREET IRON AND METAL
Non-Gov Facility Supplemental Location: 163 6TH ST
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11215
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

163 6TH STREET LLC (Continued) **S117392702**

Name: SIXTH STREET IRON AND METAL
Address: 163 6TH ST
City,State,Zip: BROOKLYN, NY 11215
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: SIXTH STREET IRON AND METAL
Non-Gov Permit Street Address: 163 6TH ST
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11215
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: SIXTH STREET IRON AND METAL
Non-Gov Facility Street Address: SIXTH STREET IRON AND METAL
Non-Gov Facility Supplemental Location: 163 6TH ST
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11215
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: SIXTH STREET IRON AND METAL
Address: 163 6TH ST
City,State,Zip: BROOKLYN, NY 11215
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: SIXTH STREET IRON AND METAL
Non-Gov Facility Street Address: SIXTH STREET IRON AND METAL
Non-Gov Facility Supplemental Location: 163 6TH ST
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11215
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported

163 6TH STREET LLC (Continued) **S117392702**

Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

BA376 **99 NORTH 4TH STREET** **NY VCP** **S125317258**
WSW **99 4TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.414 mi.
2186 ft. **Site 2 of 2 in cluster BA**

Relative: **Lower**
Actual: **13 ft.**

VCP NYC:
Project ID: 17TMP0113K,17EHAZ084K,17CVCP050K
Name: 99 NORTH 4TH STREET
Address: 99 4TH STREET
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3023420026
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Site Management
Latitude: 40.676608
Longitude: -73.992891
Postcode: 6
Community Board: 39
Council District: 77
Census Tract: 3008008
BIN: 3004650047
NTA: Carroll Gardens-Columbia Street-Red Hook

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377 **225 6TH AVE.** **NY LTANKS** **S106703145**
SE **225 6TH AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.415 mi.
2190 ft.

Relative: **Higher**
Actual: **78 ft.**

LTANKS:
Name: 225 6TH AVE.
Address: 225 6TH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8705973 / 1992-11-19
Facility ID: 8705973
Site ID: 163112
Spill Date: 1987-10-15
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: 1992-11-19
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1987-10-15
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False

225 6TH AVE. (Continued) **S106703145**

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1987-10-16
Spill Record Last Update: 2004-04-20
Spiller Name: Not reported
Spiller Company: ST. FRANCIS XAVIER
Spiller Address: 225 6TH AVE.
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 137569
DEC Memo: ""
Remarks: "2K TANK FAILED, WILL REPAIR AND RETEST."

All TTF:
Facility ID: 8705973
Spill Number: 8705973
Spill Tank Test: 1531932
Site ID: 163112
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 163112
Operable Unit ID: 912012
Operable Unit: 01
Material ID: 565234
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

BE378 **KAM SERVICE CENTER INC** **FINDS** **1000556241**
SSW **363 4TH AVE** **RCRA NonGen / NLR** **N/A**
1/4-1/2 **BROOKLYN, NY 11234** **ECHO**
0.418 mi. **NY LTANKS**
2207 ft. **Site 1 of 3 in cluster BE** **NY Spills**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	BP AMOCO STATION #13397
Address:	363 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8901904 / 2016-02-04
Facility ID:	8901904
Site ID:	90896
Spill Date:	1989-05-24
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	A3
Cleanup Ceased:	2005-04-28
SWIS:	2401
Investigator:	RJFENG
Referred To:	080613 CASE TRANSFERRED TO SPILLS UNIT
Reported to Dept:	1989-05-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	2008-02-28
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-05-25
Spill Record Last Update:	2016-03-29
Spiller Name:	Not reported
Spiller Company:	AMOCO
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	82010
DEC Memo:	"3/14/03 REASSIGNED FROM SULLIVAN TO VOUGHT. 10/27/03 Also see spill # 0307900. 11/25/03 Reassigned from Vought to Foley. 11/25/03 Received Delta Dispenser Upgrade Report dated 11/10/03 on 11/17/03. Lab analysis of post-ex soil samples collected from beneath four dispensers identified VOC concentrations in excess of TAGM 4046 soil cleanup objectives in three dispenser locations (D-1, D-2, D-3). Delta will delineate the soil impacts beneath the product dispensers. 4/19/04 Received SHAR. On 3/17/04, four borings were advanced by Geoprobe in the vicinity of the dispensers. DTW 13-20'bgs. Nine soil samples were collected at the depth interval exhibiting the highest PID reading or immediately above the water table. SB-1 (3.5-4.5'), SB-1 (17-18'), SB-2(19-20'), SB-3(2.5-3.5'), SB-3 (12-13'), SB-4(2.5-3.5'), SB-4(7-8'), SB-4(12-13'). Analysis by 8260 showed hits for VOCs above cleanup levels in five of nine soil samples in all four borings. Total BTEX conc ranged from ND (SB-1, 3.5-4.5' and SB-2, 3.5-4.5') to 1,076,900ppb in SB-4(12-13'). The four borings were converted to 1 temporary wells. Four groundwater samples were collected and analyzed for VOCs. DTW 18-24'bgs. MWs were advanced to

KAM SERVICE CENTER INC (Continued) **1000556241**

23-26'bgs. Temporary wells were removed. No LNAPL was detected. Total BTEX ranged from 3,732ppb (MW-1) to 45,380ppb(MW-4). Total VOC range from 17,061ppb(MW-2) to 69,062ppb(MW-1). MTBE ranged from 9,050ppb(MW-4) to 64,600ppb(MW-1). 12/21/04 4Q04 report received(samples collected 11/23/04). BTEX ranged from 38ppb(MW-5) to 38810ppb(MW-4). MTBE ranged from 33ppb(MW-5) to 174000ppb(MW-1). DTW approx 12-15'bgs. 6/28/04 Investigation report received. On 4/23/04, one 1 well(MW-3) was installed through existing soil boring SB-3 and one 2 well(MW-4) was installed through previously advanced soil boring SB-4. Wells were advanced to 25.5 and 26.5' respectively. GW was encountered at 17.15'bgs in MW-3 and 17'bgs in MW-4. No soil samples collected due to previous investigation. On 5/24/04, three 2 wells (MW-1, MW-2, MW-5) were installed to 24', 20', and 20' respectively. GW encountered at 11.7' and 16.8'bgs. Four soil samples were collected. Hits for VOCs in SB-5/MW-2(10-11'), SB-5/MW-2(12-13'). On 5/28/04, five GW samples were collected. GW was identified at 11'-14.5'bgs. Flow was interpreted as NW. BTEX ranged from 74ppb(MW-5) to 45550ppb(MW-4). MTBE from 19ppb(MW-5) to 192000ppb(MW-1). 9/30/04 3Q04 monitoring report received. BTEX from 57ppb(MW-5) to 39150ppb(MW-4). MTBE from 17ppb(MW-5) to 164000ppb(MW-1). DTW 11-14'bgs. Need to delineate downgradient and sidegradient. 3/10/05 Received 1Q05 monitoring report. BTEX ranged from 65ppb(MW-5) to 38730ppb(MW-4). MTBE from 12ppb(MW-5) to 204000ppb(MW-1). 3/15/05 Issued sidewalk permit letter to install three MWs along the west sidewalk of 4th Ave. 3/15/05 Stip issued. Due 4/29/05. 4/21/05 Received stip signed by C. Wein on 4/19/05. 4/27/05 Portfolio meeting- Vadose and saturated soil impacts at northern border and SW portion of property. PS #51 300' NW. Impacts across street(total BTEX 100ppb). Service station and taxi stand on Sanborns for property across street. 4/28/05 Stip executed by T. Kunkel. An Investigation Summary report is due 6/27/05. RAP due 8/26/05. 6/13/05 Received subsurface hydrocarbon assessment report dated 6/7/05. MW-6,7,8 installed off-site. Soil results show impacts at MW-7(11-12'bgs & 15-16'bgs). Adjacent to U-Haul and Taxi Stand with garage. Total BTEX in GW was 1ppb(MW-6), 272ppb(MW-7) and ND(MW-8). MTBE concentrations were 2ppb(MW-6), 3ppb(MW-7) and 13ppb(MW-8). 6/24/05 Received Investigation summary report dated 6/22/05. On-site vadose zone soil impacts in and around dispensers are from historical release. Elevated MTBE concentrations in MW-1 and MW-2 may be related to more recent release. This is also supported by analysis of BTEX ratios. Off-site soil and GW impacts were detected across 4th Ave at MW-7 and MW-8, which appear to be from U-Haul or taxi stand(impacts as shallow as 11'bgs). 9/6/05 Received well installation report documenting installation of EW-1, MW-9 and MW-10. MPE pilot conducted 8/16/05. Pilot test feasibility report to be submitted. 12/30/05 Received 3Q05 monitoring report. DTW 11.37-14.90'bgs. BTEX ranged from ND(MW-8) to 50320ppb(MW-4). MTBE ranged from 5.1ppb(MW-6) to 170000ppb(MW-1). 2/23/06 Received letter from Delta requesting extension to stip and summarizing MPE pilot test results which was conducted in 8/05. Since 8/05, Delta has tried to identify an appropriate remedial alternative to address site impacts within the vadose, smear and saturated zones on-site. On 11/4/05, Delta sampled on and off-site wells for geochemical parameters and stable carbon isotope ratio analysis. Delta is currently reviewing the results as they relate to the potential use of aerobic stimulation(sparging). Request extension to submit RAP by 5/14/06. 3/9/06 4Q05- DTW 11.96-14.63'bgs. BTEX ranged from ND(MW-8)

KAM SERVICE CENTER INC (Continued) **1000556241**

to 44200ppb(MW-4). MTBE ranged from 1ppb(MW-8) to 81900ppb(MW-10). 3/16/06 Met with BP and Delta. MW-6,7,8 installed in 4/05. Pilot for MPE completed in 8/05 which determined it is not an option. Geochemical sampling completed 10/05 which showed no degradation. DTW 11.5-14.5'bgs. Very high MTBE concentrations. Sensitive receptors include utility vaults along 4th Ave. Delta was planning to submit biosparge proposal. Vic Kremesec, BP, requested Delta look into something more agressive. 5/9/06 Received feasibility pilot testing and analysis report for Multi-Phase Extraction and a Remedial Action Plan. 6/8/2006 - Feng - project reassigned to RJFeng. (RJF) 7/28/2006 - Feng - Quarterly Monitoring Report, 1Q2006, 6/6/2006, submitted by Delta. As of sampling on 3/6/2006, groundwater flows to northwest at the depth of 10.89' to 15.17' bg. 11 monitoring wells. W-1, 9,350 ppb BTEX (3,410 ppb B, 1,050 ppb T, 1,480 ppb E, 3,410 ppb X), 21,100 ppb MTBE. W-2, 2,840 ppb BTEX (1,170 ppb B, 163 ppb T, 811 ppb E, 696 ppb X), 3,330 ppb MTBE. W-3, 20,990 ppb BTEX (3,070 ppb B, 6,800 ppb T, 2,120 ppb E, 9,000 ppb X), 10,400 ppb MTBE. W-4, 38,920 ppb BTEX (4,400 ppb B, 17,300 ppb T, 3,220 ppb E, 14,000 ppb X), 33,500 ppb MTBE. W-5, 35.4 ppb BTEX, 4.6 ppb MTBE. W-6, 1.42 ppb BTEX, 4.6 ppb MTBE. W-7, 677 ppb BTEX (22.8 ppb B, 8.9 ppb T, 304 ppb E, 341 ppb X), 8.1 ppb MTBE. W-8, ND. W-9, 16,780 ppb BTEX (2,180 ppb B, 1,890 ppb T, 2,210 ppb E, 10,500 ppb X), 14,200 ppb MTBE. W-10, 17,760 ppb BTEX (3,810 ppb B, 3,180 ppb T, 2,890 ppb E, 7,880 ppb X), 44,900 ppb MTBE. EW-1, 12,180 ppb BTEX (2,110 ppb B, 1,780 ppb T, 1,940 ppb E, 6,350 ppb X), 8,260 ppb MTBE. (RJF) 8/1/2006 - Feng - Remedial Action Plan, 5/8/2006, submitted by Delta Environmental. Delta proposed MultiPhase Extraction System to be installed to address FP, soil vapor and gw contamination. Delta conducted pilot test twice. The 1st time it was concluded that The results of this MPE pilot event conflicted with the expected response from the site's lithology . During the 2nd pilot test, 5 air samples collected at specific intervals to quantify specific vapor VOC concentration being removed. The recovery rates are 0.19 lb/hr BTEX, 0.091 lbs/hr MTBE, 4.89 lbs/hr TPH. For the groundwater drawdown reading, W-9 at 0.28' which located 5 feet away from EW-1. Delta explained that The limited groundwater drawdown ROI from extraction well EW-1 is likely due to the more transmissive subsurface soils which allow more significant groundwater recharge into the cone of depression generated by MPE operation at the extraction well EW-1 . The system components included 4 extraction wells, phase separator, liquid ring pump, system control panel, for vapor and liquid treatment are being designed. System flow chart is provided. By running the MPE, there is better hydraulic control and source removal. RAP is approved conditionally: 1) add the air exhaust in the system flow chart. 2) reinstall the MW-1, MW-3 and MW-4 due to their screen interval starts at the water table or below the water table. 3) Investigate the impact to the subway tunnel right next to the station (N, R and F trains run along 4th Ave). (RJF) 8/2/2006 - Feng - Approval of MPE letter sent to BP and cc to Delta. (RJF) 9/26/2006 - Feng - Quarterly Monitoring Report, 2Q2006, 9/7/2006, by Delta. Sampled and monitored on 6/19/2006. DTW 10.60' to 14.42' bg, flows to northwest. 10 of 11 monitoring wells were sampled. MW-2 was not accessible. MW-1, 8,012 ppb BTEX, 28,200 ppb MTBE. MW-3, 16,430 ppb BTEX, 8,540 ppb MTBE. MW-4, 37,250 ppb BTEX, 32,400 ppb MTBE. MW-5, 59.1 ppb BTEX, 5.4 ppb MTBE. MW-6, 0.25 ppb BTEX, 2.8 ppb MTBE. MW-7, 569 ppb BTEX, 6.1 ppb MTBE. MW-8, BTEX ND, 0.71 ppb MTBE. MW-9, 10,688 ppb BTEX, 4,620 ppb MTBE. MW-10, 21,300 ppb BTEX, 63,500 ppb MTBE. EW-1, 8,055 ppb BTEX,

KAM SERVICE CENTER INC (Continued) **1000556241**

5,250 ppb MTBE. (RJF) 9/28/2006 - Feng - Portfolio meeting with BP and Delta. Plan changed for this site. On 8/2006, Delta had the plan in place for redevelopment and construction of high rise building. There will be multi-story basement, USTs will be pulled and additional soil will be removed. Construction schedule will be confirmed and remedial plan will start from the groundwater quality after tanks removal. (RJF) 3/6/3007 - Feng - 3Q2006, 12/21/2006. Groundwater sampled and gauged 9/13/2006. 11 monitoring wells were sampled. DTW 10.68' to 14.36' bg. Flows northwest. LNAPL in MW-9 (0.12'). MW-1, 9,350 ppb BTEX, 21,100 ppb MTBE. MW-2, 2,840 ppb BTEX, 3,330 ppb MTBE. MW-3, 20,990 ppb BTEX, 10,400 ppb MTBE. MW-4, 38,920 ppb BTEX, 33,500 ppb MTBE. MW-5, 35.4 ppb BTEX, 4.6 ppb MTBE. MW-6, 1.42 ppb BTEX, 4.6 ppb MTBE. MW-7, 677 ppb BTEX, 8.1 ppb MTBE. MW-8, ND. MW-9, 16,780 ppb BTEX, 14,200 ppb MTBE. MW-10, 17,760 ppb BTEX, 44,900 ppb MTBE. EW-1, 12,180 ppb BTEX, 8,260 ppb MTBE. Email Delta for status on tank pull, site development and RAP. (RJF) 3/6/3007 - Feng - Updates from D. Greffenius (Delta), the USTs, piping, and dispenser removals will begin on Monday, March 12, 2007. Alvin Petroleum is the contractor. 3/6/2007 - Feng - email from D. Taylor (Delta), USTs will be removed and endpoint samples will be taken and Closure report will be submitted. Delta are currently in touch with the site owner who hasn t yet provided the development schedule. (RJF) 7/24/2007 - Feng - 4Q2006, 4/30/2007. Groundwater sampled 12/7/2006. All 11 monitoring wells were sampled. DTW 10.42' to 14.17' bg. Flows to northwest. No LNAPL. MW-1, 7,750 ppb BTEX, 9,800 ppb MTBE. MW-2, 2,754 ppb BTEX, 1,340 ppb MTBE. MW-3, 10,370 ppb BTEX, 5,350 ppb MTBE. MW-4, 31,030 ppb BTEX, 14,300 ppb MTBE. MW-5, 47.7 ppb BTEX, 4.4 ppb MTBE. MW-6, 1.94 ppb BTEX, 4 ppb MTBE. MW-7, 650 ppb BTEX, 4.7 ppb MTBE. MW-8, BTEX ND, less than 1 ppb MTBE. MW-9, 9,510 ppb BTEX, 3,630 ppb MTBE. MW-10, 17,180 ppb BTEX, 15,900 ppb MTBE. EW-1, 9,850 ppb BTEX, 3,640 ppb MTBE. (RJF) 7/27/2007 - Feng - 1Q2007, 5/7/2007. Groundwater sampled 3/7/2007. 9/11 monitoring wells were sampled. DTW 11.51' to 14.6' bg. Flows to north-northwest. No LNAPL. MW-1, 6,936 ppb BTEX, 4,930 ppb MTBE. MW-2, 2,820 ppb BTEX, 632 ppb MTBE. MW-3, not accessible. MW-4, 40,800 ppb BTEX, 34,800 ppb MTBE. MW-5, well not located. MW-6, ND. MW-7, 468 ppb BTEX, 3.1 ppb MTBE. MW-8, ND. MW-9, 9,160 ppb BTEX, 2,230 ppb MTBE. MW-10, 24,490 ppb BTEX, 7,960 ppb MTBE. EW-1, 10,430 ppb BTEX, 2,460 ppb MTBE. (RJF) 7/31/2007 - Feng - Underground Storage Tank Excavation Assessment Report, 4/26/2007, by Delta. Between 3/12/2007 and 3/15/2007, 4 (4,000-gallon) double-walled steel gasoline USTs and 1 (4,000-gallon) double walled steel abandoned UST from a single tank cavity on the central portion of the site were excavated. The abandoned UST was filled with concrete slurry. Upon excavation, the tanks were observed to be in good condition with no visible holes or areas of pitting. Between 3/16/2007 to 3/20/2007, 4 pump island dispensers and the associated product piping were excavated and removed. On 3/12/2007, 1 hydraulic lift was removed. 25 over-excavation soil samples were collected. High contamination detected in soil samples. For USTs excavation, the total BTEX range from ND (SW-17) to 1,796,700 ug/kg in SW-5 (9'), the total VOCs ranged from 205 ug/kg in SW-14 (9') to 2,828,170 ug/kg in SW-5 (9'). For the pump islands and piping excavation, total BTEX concentration ranged from ND in B-13 (12-12.5') to 327,700 ug/kg in B-2 (12-12.5'), the total VOCs concentration ranged from ND in B-3 to 659,890 ug/kg in B2 (12-12.5'). For the hydraulic lift excavation, no SVOCs exceedance. Groundwater encountered at a depth of 13' bg. 1

KAM SERVICE CENTER INC (Continued) **1000556241**

groundwater sample was taken from MW-4, 40,800 ppb ug/L BTEX, 34,800 ug/L MTBE. On 3/28-29/2007, 795.24 tons of soil was generated during the over excavation activities. The soil was transported an disposed at the Clean Earth of Philadelphia (CEP). The excavations were backfilled with the Certified Clean Fill. 8/1/2007 - Feng - Letter to Kevin Endriss (BP) requiring RAP and the construction details. Due 10/1/2007. (RJF) 10/10/2007 - Feng - Portfolio meeting with BP and Delta. Potentially developing the site. Tanks closure done and soil over-excavated. Drill at the side near the subway to inspect for impact on the subway tunnel. The new development may need to excavate down to 30 feet bg. Development schedule is unknown at this point. Delta will submit a work plan for proposing MPE events on 2 wells for short term remediation. (RJF) 12/10/2007 - Feng - Call from potential buyer and inquired about the site status. DEC stated the requirement of gw and soil remediation, plus the soil vapor mitigation. Buying is in process. (RJF) 1/11/2008 - Feng - Reviewed various documents submitted by HydroTech. 1) Phase I Environmental Site Assessment Report, dated 10/12/2007. Some Recognized Environmental Concerns were identified: the E Designation listing of the site for HAZMAT; historical utilization of the site as an auto repair facility and a gasoline station; presence of an open NYSDEC spill at the site; presence of elevated levels of VOCs in the soil and groundwater at the site at concentrations exceeding regulatory standards; inconsistent PBS information. 2) Investigation Work Plan, dated 11/27/2007. Investigation were proposed to be conducted in addressing the E Designation. HydroTech proposed GPR Survey to scan for any subsurface anomalies such as unknown tanks; to install 12 soil borings and 2 soil samples will be taken from each soil boring; and 3 groundwater probes will be installed for groundwater sampling. Site plan with proposed soil boring location is provided. 3) Site Investigation Report, dated 12/20/2007. The GPR Survey did not identify any significant anomalies. Gasoline contaminated soil is present in the shallow soil in the northern and northwestern portions of the site. The gasoline contamination extends vertically to the deeper depths of the soil and horizontally to the northwestern boundary and western portion of the site. Soil samples collected from HTE-SP-2, 662,600 ppb VOCs at 2'-4', 934,900 ppb VOCs at 10'-12'. Groundwater was encountered at 12 feet bg and flows to northwest. The compounds detected in the groundwater plume are mainly gasoline compounds, range ND to 79,300 ug/L. 4) Remedial Action Plan, 12/14/2007. HydroTech proposed to have 1) soil excavation, down to 12'; 2) installation vapor barrier and sub-slab venting system; 3) RAP for groundwater will be submitted to NYSDEC. 5) Floor Plans for the new building. The new building will be occupied the whole site. Called Yash Saha (HydroTech). The excavation will cover the whole site and down to 12'-14', no dewatering is planned. DEC required the vapor barrier and sub-slab venting system design, groundwater remediation. HydorTech will submit a RAP including the soil excavation, groundwater remediation, and soil vapor mitigation shortly. (RJF) 2/7/2008 - Feng - Reviewed the Revised RAP, 1/31/2008, by HydroTech. HydroTech proposed: 1) soil excavation; 2) installation of vapor barrier and sub-slab venting system; 3) RegenOx and ORC injections for groundwater remediation. Reveiwed also the 3Q2007 quarterly report. During the tank excavation activities in 3/2007, monitoring wells MW-1, MW-5, MW-9 and EW-1 were destroyed. 7/11 wells were sampled. BTEX range 73 ppb (MW-6) to 15,260 ppb (MW-4). MTBE range 18 ppb (MW-6) to 47,200 ppb (MW-4). Emailed HydroTech the

KAM SERVICE CENTER INC (Continued) **1000556241**

comments and questions. (RJF) 2/15/2008 - Feng - Stipulation Agreement to Katan Group. Due back 3/7/2008. (RJF) 2/27/2008 - Feng - Received signed Stipulation Agreement. Sent for RD's signature. (RJF) 3/3/2008 - Feng - Reviewed the Revised RAP, 2/13/2008, by HydroTech. Addressed the comments provided on 2/7/2008. Approval letter to Katan Group and cc to HydroTech. DEC require the vapor barrier to be extended vertically to the surface grade through the foundation walls and more RegenOx injection points to be installed. Revised the vapor barrier design and the injection diagram will be submitted within 10 days. (RJF) 3/7/2008 - Feng - Spoke to D. Greffenius (Delta). BP will also oversee the remediation progress occuring onsite. An addendum letter/plan will be submitted for post-excavation sampling, dewatering plan in case dewatering is needed, and monitoring plan after the construction. BP will still continue to comply with the Stipulation between BP and DEC. (RJF) 3/13/2008 - Feng - Stipulation Agreement executed 2/28/2008. (RJF) 4/17/2008 - Feng - Email to HydroTech regarding the notification of chemox injection to EPA UIC program. HydroTech contacted EPA and it may take 30 days to have EPA review the details of the injections. Letter for offsite soil vapor point to HydroTech. 4/18/2008 - Feng - Call from HydroTech (Yash). HydroTech will inject the ORC while installing the soil vapor points. ORC will be injected at the sidewalk across the 4th Ave and some onsite injection points. (RJF) 4/24/2008 - Feng - email from Yash Saha (HydroTech). HydroTech has finished the onsite ORC injection and the soil gas implants offsite. (RJF) 5/1/2008 - Feng - Site visit. Met with Carlos Quinonez from HydroTech. The tech team was late. The work will be rescheduled. 5/2/2008 - Feng - Site visit and met with Yash Saha. Started RegenOx injection using GeoProbe. The intended injection points were marked. It will be drilled down to 25 feet and the RegenOx will be injected into the 25 feet to 16 feet. Planned to finish 10 point today. Offsite soil vapor sampling also ongoing. According to Yash, there will be some dewatering activities along with the development. Dewatering water will need to be treated. Met with D. Greffenius (Delta) in DEC office. Received the IRAP. (RJF) 5/9/2008 - Feng - cc-d the EPA Underground Injection Control section's letter to Katan group for authorization to inject RegenOx and ORC. (RJF) 6/12/2008 - Feng - Called from Yash (HydroTech). All the RegenOx injections are completed at this time. They started the site excavation on 6/4/2008, so far at 8 feet bg, and had some foundation pillars installed. The elevator shaft part has not worked on yet. At this time, no work on site, but may excavate deeper later on. DEC still requires groundwater samples to confirm the effectiveness of the RegenOx, taken gw samples from the previous baseline sampling points. 6/16/2008 - Feng - 4Q2008, 3/18/2008, by Delta. The monitoring well network was gauged and sampled on 1/17/2008. 7 wells. DTW 11.01' to 14.88' bg. Flows to northwest. BTEX range ND to 18,500 ppb (MW-10). MTBE range ND to 21,000 ppb (MW-4). 6/18/2008 - Feng - Portfolio meeting with BP and Delta. In 6/2008, soil removal is about 4,600 tons. Delta is submitting the final version of IRAP. The exhaust blowers planned for building's lower parking levels will control vapors. No sub slab venting system might be installed since the basement is so close to water table. Conference call with BP/Delta, Katan/HydroTech will be scheduled. (RJF) 7/28/2008 - Conference call with Delta (D. Greffenius and G. Hinshalwood) and HydroTech (Rachel). Delta and HydroTech will be sending the brief summary of the site status. (RJF) 9/17/2008 - Vapor complaint from the resident across the street. DEC has contacted and

KAM SERVICE CENTER INC (Continued) **1000556241**

required the developer (Perry Soskin from Katan Group) and the RP (BP) to immediately mitigate the vapor by today. Mr. Soskin from Katan Group and David Greffenius from Delta called back. Delta and EnviroTrac will be onsite and lay the plastic sheeting on the area today. They will there around 4:30pm. Tomorrow they will cover with a few loads of fills and more plastic sheeting on top of the fills if necessary. Called the resident David Simonoff and informed him that the responsible party will be onsite start taking of the odor today and DEC will continue to monitor the situation. (RJF) 9/17/2008 - Site visit and met with Delta and EnviroTrac. The north portion of property near the 5th Street is filled with water, half foot to one foot deep. Delta and EnviroTrac lay the plastic sheeting on the waterly area with some product, next to 4th Ave and east portion. A vac truck will be mobilized tomorrow morning and remove the water before the backfills. (RJF) 10/16/2008 - Letter to Katan Group and BP requiring the developer/RP to submit a Revised RAP which include monitoring wells installation around the property to access the current and during construction groundwater condition, dewatering plan, post construction remediation plan if necessary, and post construction groundwater monitoring plan. Revised RAP due 11/17/2008. The Department notifies the city agencies, DOB, DEP, and DOH on the site status and its intended development. (RJF) 10/29/2008 - 1Q2008, 7/25/2008, by Delta. Vacant. The monitoring well network was gauged and sampled on 3/6/2008. During tank excavation activities in 3/2007, MW-1, MW-5, MW-9, and EW-1 were destroyed. Due to construction onsite during first quarter 2008, all onsite wells are covered with soil and gravel and are suspected to be destroyed. 3 were were gauged (offsite wells). No LNAPL. DTW 14.04' to 14.78' bg. Flows to northwest. 3 were sampled. BTEX range ND to 407 ug/L (MW-7). MTBE range ND to 2.8 ug/L (MW-6). 2Q2008, 9/29/2008, by Delta. Vacant. The monitoring wells were gauged and sampled 6/30/2008. 3 offsite wells were gauged. No LNApL. DTW 13.48' to 14.12' bg. flows to northwest. 3 wells were sampled. BTEX range ND to 486 ug/L (MW-7). MTBE range ND to 1.9 ug/L (MW-6). (RJF) 11/10/2008 - Vapor complaint received from resident adjacent to the site. Visited the site, no access because the site was locked. Walked around the site and did not observe odor. No PID reading. Water retained in the open excavation again. (RJF) 11/10/2008 - Email to Bill Bogdon approving the 60 days extension for RAP. (RJF) 11/12/2008 - Delta and EnviroTrac were onsite to mitigate the vapor. A vac truck was mobilized and vac out the product in the property line area and water. Delta and EnviroTrac will then cover the area with product and rest of the water. They will come back tomorrow to see if water level rise again. Soil backfill may be done if necessary. (RJF) 12/10/2008 - Email from David Greffenius (Delta) Please note that Delta and EnviroTrac, on behalf of Atlantic Richfield, will be transporting additional backfill to the 363 4th Avenue, Brooklyn site this Friday, December 12, 2008, in order to fill-in the remaining standing (ground) water at this site for the purpose of preventing another vapor complaint by the residents in this neighborhood. Our plan will be identical to our last effort: we will cover the standing water with plastic (where it is safe to do so), and then cover the plastic/water with between 4 and 6 loads of recycled concrete aggregate (RCA) backfill. 12/17/2008 - Spoke with David Greffenius (Delta). The excavation where been with water is backfilled. The product seems coming back again. Might need to investigate the adjacent parking lot. (RJF) 12/18/2008 - Visited the site and met with David Greffenius. The site is backfilled in most of

KAM SERVICE CENTER INC (Continued) **1000556241**

the area with water. Some water is still retained near the back apartment building. No product was seen this time. David will stop by regularly to check if there is any recharge of the product. SanBorn maps may be reviewed for the parking lot next door. (RJF) 1/20/2009 - Met with Domenick Tonacchia (Tona Development), Bill Bogdon (Tona Development), Kevin Kleaka (Impact Environmental), and phone conference with David Greffenius (Delta). There will no dewatering. The building will be covered the entire site with cellar, no subcellar. There will be changes for the new building since they are trying to avoid dewatering process. DEC required an investigation work plan for both onsite and offsite by 2/2009. (RJF) 3/20/2009 - Reviewed Investigation Work Plan, dated 3/3/2009, by Delta. Delta proposes to install 7 monitoring wells at the sidewalks around the perimeter of the site. Work to be scheduled and RI report to be due within 90 days, 6/19/2009. Work Plan is approved. Letter to BP and cc to Delta. (RJF) 3/23/2009 - Reviewed the Investigation Work Plan, dated 2/2009, by Leggette, Brashears & Graham, Inc (LBG). LBG proposes to install 4 monitoring wells onsite within the perimeter. Comments to LBG and Tona Development via email. see comments in eDoc. (RJF) 3/24/2009 - Reviewed LBG's responses to the comments on the IWP, uploaded in eDocs. Additional comments on the responses were sent to LBG and Tona Development, in eDocs. (RJF) 4/3/2009 - Reviewed the Updated IWP, via email on 3/25/2009, by LBG. Previous comments are addressed. Work plan to be approved. Letter to Tona Development and LBG. 4/3/2009 - Conference call with BP, Delta, Tona Development and LBG. The offsite wells installation will be started within 2 weeks. The onstie will be within 1 week. Tona Development will advance some test pits to verify the real water table and will notify BP 2 days in advace so BP could send a field technician to the site. Changes to the development plan will be made, the basement slab will be above water table. DEC require the RAP should include the vapor barrier and SSDS. Stipulation agreement will be sent to Tona Development. (RJF) 4/6/2009 - Stipulation Agreement to 267 Sixth Street, LLC. eDocs. (RJF) 4/28/2009 - Conference call with Tona Development and Delta. The onsite wells are installed and the report will be sent to DEC and Delta. Sewer line is identified beneath the sidewalk. A Con Ed oil line is also identified between the sidewalk and the site and might be extented into the site. Hand clearance will be made during the installation of the offsite wells. The test pits were advanced down to 9-10 feet below current grade, and found groundwater at 5 feet in one of them. Construction excavation will be above/at water table. Tona will be moving the soil around this week to make the ramp for the machines entrance. A plan to suppress the possible odor shall be in place before the excavation. And soil shall be tested for disposal and this enable the soil to be disposed immediated when being generated. Delta will review the Tona's recent investigation report to come up the IRAP, remedy to be proposed depend on the current site condition, soil and groundwater residual. Next updates call will be held upon the submission of IRAP. (RJF) 7/7/2009 - Reviewed Subsurface Investigation Report, dated 5/13/2009, by Leggette, Brashears & Graham, Inc. On April 9, 2009, the groundwater monitoring wells were installed onsite. Soil samples were collected continuously through the boring from the excavation grade to approximately 15 feet below the excavation grade. The final boring depth is approximately 20 feet below the historical grade of the site. The wells were surveyed. DTW 4.54' to 10.55'. no product was encountered, but film was observed. Soil samples run for VOCs and

KAM SERVICE CENTER INC (Continued) **1000556241**

SVOCs. VOCs and SVOCs exceedances were detected, unit in ug/kg. MW-21, 10-15 feet, 920 benzene, 770 toluene, 30,000 ethylbenzene, 22,700 xylenes. MW-22, 5-10 feet, 6,200 benzene, 100,000 toluene,, 120,000 ethylbenzene, 400,000 xylene, 1,100 MTBE. MW-25, 10-15 feet, 1,500 benzene, 11,000 toluene, 43,000 ethylbenzene, 183,000 xylene. Groundwater samples were run for VOCs and SVOCs. Exceedances were detected, unit in ug/L. MW-21, 360 benzene, 300 toluene, 1,300 ethylbenzene, 1,480 xylene, 610 MTBE. MW-22, 230 benzene, 3,700 toluene, 2,300 ethylbenzene, 7,900 xylene, 28 MTBE. MW-25, 1,200 benzene, 620 toluene, 3,500 ethylbenzene, 6,200 xylene, 1,100 MTBE. And SVOCs were also detected in these wells. Compared to the historical soil and groundwater concentration levels, data show down trend for most of the wells. The data gained from this investigation will be used in preparing of the IRAP. Email BP and Delta for the status of the IRAP. (RJF) 7/14/2009 - Conference call with Tona Development, BP and Delta. Delta is putting together the LBG's report data and the new building plan, the IRAP will be submitted next week. Delta is also going through the MTA permitting process to have the wells installed at the sidewalk along 4th Ave. There are probably 3-4 feet of soil to be removed, no dewatering. Film = sheet in LBG's report. DEC required there are shall be wells being able to monitor the effectiveness of Delta's proposed remedy. BP will gauge and sample the onsite wells after the perimeter wells are in. (RJF) 1/4/2010 - Reviewed Work Plan for Offsite Monitoring Wells Abandonment, dated October 12, 2009, by Delta. Delta will abandon the three monitoring wells across 4th Ave, MW-6, MW-7 and MW-8. (RJF) 1/12/2010 - Reviewed Subsurface Hydrocarbon Assessment Report Addendum, dated October 29, 2009, by Delta. On June 19, 2009, EnviroTrac, on behalf of Atlantic Richfield and under the direction of Delta, installed one permanent two-inch monitoring well (MW-13) at the northeast sidewalk of 6th Street using Geoprobe 6610 hollow-stem auger drill rig with direct push, macro-core sampling capability. MW-13 was drilled to 18 feet and groundwater was encountered at 12 feet. 2 soil samples were collected. MW-13 (11.5-12'), VOCs ND. MW-13 (19.5-20'), VOCs ND. On September 21, 2009, MW-13 as well as the monitoring wells onsite MW-20, MW-21, MW-22, MW-23, MW-24 and MW-15 were gauged and sampled. DTW 6.31' to 12.63' bg. NO LNAPL. unit in ug/L. MW-13, ND. MW-20, 7.6 benzene, 26 MTBE, 6 isopropylbenzene, 9.4 n-propylbenzene, 61 total VOCs. MW-21, 350 benzene, 290 toluene, 1,250 ethylbenzene, 860 xylene, 2,750 BTEX, 430 MTBE, 34 n-butylbenzene, 18 sec-butylbenzene, 87 isopropylbenzene, 10 p-isopropylbenzene, 520 naphthalene, 240 n-propylbenzene, 590 1,2,4-trimethylbenzene, 140 1,3,5-trimethylbenzene, 4,819 total VOCs. MW-22, 140 benzene, 810 toluene, 1,450 ethylbenzene, 420 xylene, 2,820 BTEX, 76 MTBE, 11 n-butylbenzene, 32 isopropylbenzene, 7.1 p-isopropylbenzene, 260 naphthalene, 60 n-propylbenzene, 250 1,2,4-trimethylbenzene, 100 1,3,5-trimethylbenzene, 3,621 total VOCs. MW-23, ND. MW-24, 21 MTBE, 27 total VOCs. MW-25, 1,100 benzene, 440 toluene, 2,790 ethylbenzene, 2,600 xylene, 6,930 BTEX, 390 MTBE, 25 n-butylbenzene, 15J sec-butylbenzene, 170 isopropylbenzene, 14J p-isopropylbenzene, 280 naphthalene, 300 n-propylbenzene, 830 1,2,4-trimethylbenzene, 400 1,3,5-trimethylbenzene, 9,354 total VOCs. Off-site Monitoring Well Abandonment Report, dated December 30, 2009, by Delta. On October 21, 2009, EnviroTrac, on behalf of Atlantic Richfield, abandoned offsite wells MW-6, MW-7 and MW-8 by 1) removing the bolt-down cover and riser cap from each well; 2) tremmie-filling each well screen and riser pipe with Portland cement/bentonite slurry

KAM SERVICE CENTER INC (Continued) **1000556241**

from the bottom of the well to 5 feet bg using a grout pump; and 3) filling the top 5 feet of riser pipe and the flush-mount cover of the each well with Portland cement to the groundwater surface. (RJF) 3/10/2010 - Neil Steven (646-542-4312) from Law Enforcement Region 2 called. Odor complaint from the residents. He went to the site yesterday, there was strong odor and dark product. Email to Nick Onufrak (BP), Bill Bogdon (Tona Development) and David Greffenius (Delta). Bill and Nick, DEC received a odor complaint from the nearby residents for this site. Our ECO went to the site yesterday and he said there was strong odor and dark product was witnessed. You MUST send someone out there TODAY, to take pictures, sample the product, remove the product and mitigate the odor. If nobody is there today, we will send contractor out tomorrow and bill everybody. Called and spoke with Nick Onufrak. He will call EnviroTrac and see what they can do, and give us an update by the end of today. Call Domenick (Tona Construction), he will send out someone to check out. Forwarded him the email since Bill is no longer with Tona. (RJF) 3/10/2010 - email from Gordon Hinshalwood (Delta). We investigated SS 13397 today in response to your email below. Some soil staining was identified in the rear area of the site, but free-phase NAPL was not identified on the standing water in the excavation, nor were hydrocarbon odors identified. We plan on delivering a frac tank to the property tomorrow afternoon and pumping the standing water out of the excavation (the volume of water is reportedly too large for a vac truck to handle). We will store the water in the tank on-site until we can arrange for it's proper disposal. We also intend to backfill the excavation to prevent further water accumulation on-site, which will likely happen on Friday, or early on next week. 3/11/2010 - closed the spill 09-12838 opened for receiving the odor complain from Cynthia Simonoff and refer to spill 89-01904. Called Ms. Simonoff and told her that BP will be there this afternoon to vac the water out and will do some backfill by Friday. (RJF) 3/11/2010 - NYCDEP called and claimed there was odor and product onsite. DEC Tibbe visited the site and met Dave Greffenius (Delta) and EnviroTrac. There was a petroleum odor but it was not significant. There was some floating product and sheen on the water in the excavation, and there was stained soil most of the way around the excavation, at water level. Delta was directed to sample the oil and excavate the stained soil. DEC also required addressing any floating product, if there is any, during the monthly gauging event. DEC emailed to Delta and required the submital of RAP to address the soil and groundwater, regardless of the potential development, because the schedule is unknown. Draft prposal or a review of alternatives by 3/2010. (RJF) 3/17/2010 - email from Nick Onufrak (BP). They will be onsite to pump out more water and backfill some of the excavation Wednesday and Thursday. Domenick (Tona Development) is aware of the work. DEC responded to the Yvonne Schmitz's inquiry. (RJF) 4/7/2010 - received complaint and spill 1000269 was opened. DEC Spill staff visited the site. The responder did not detect any petroleum odors and from his vantage point outside the fence, could not see floating product, but he did see standing water in the excavation. DEC email to BP and Tona Development requiring that the issue of standing water in the excavation must be rectified in order to prevent future impacts to the area residents as well as reduce and/or eliminate future complaints. The only way could be pumping out the water and completely fill the excavation to grade. DEC requires arrangements to complete this task immediately. Email from David Greffenius and

KAM SERVICE CENTER INC (Continued) **1000556241**

attached with LNAPL Forensic Analysis Letter Report. Based on the fingerprinting forensic analysis of the sample collected from the top of the standing water, the floating oil was determined to be a relatively fresh diesel/fuel oil product probably released within the last two years. Based on BP's underground storage tank (UST) registration records, no diesel or fuel oil USTs were registered at the subject site from 1990 forward. 4/8/2010 - email from David Greffenius. EnviroTrac will begin water pumping opeartion tomorrow and site backfilling is scheduled for next week. 4/9/2010 - Letter from BP committing to address the odor complaint issue in a timely fashion and the spill remediation. 4/12/2010 - letter to NYC DOB, DOH, DEP notifying the open excavation issue at the site. 4/13/2010 - email from David Greffenius. Additional water pumping and removal, and site backfilling activities are scheduled to begin on Thursday, April 15. They are planning to bring in 1,000-1,500 yards of additional backfill material to the site (1,500-2,500 tons) over a 2-3 days period. checked spill 97-05330 at 278 6th Street. No investigation has been done at this site. PBS record 2-603857 at 383-393 4th Ave 278 6th Street show one 550-gallon kerosene (#1 fuel oil), one 275-gallon #2 fuel oil, one 4,000-gallon diesel, and one 4,000-gallon gasoline were removed in 3/2008. But no tanks closure report in file. 4/14/2010 - DEC Zhune called the owner of 278 6th Street. The property is sold already and he will call the consultant who did the closure to send the report in. 6/8/2010 - DEC responds to the Dailey News inquiry. Documentation of the backfill of the excavation including 3 photos taken after the backfill on 4/19/2010 were received from Delta. As seen from the photos, the backfill is up to the street level, and the monitoring wells are still in place. 6/9/2010 - DEC inspected the site around 9am and took some photos. No petroleum odors noticed. NO sign of contaminated soil was found. 4Q2009, 3/2/2010, by EnviroTrac. Currently a vacant lot. The monitoring well network was gauged and sampled on 12/28/2009. Due to site flooding several wells were inaccessible during the 12/2009 event (MW-21, MW-22, MW-23, MW-24 were under water) and were subsequently gauged and sampled on 1/22/2010. 6 wells were gauged. No LNAPL. DTW 3.76 - 12.82 (below existing grade?). Flows to northwest. historic flows to south. 6 wells were sampled. MW-24 was under water, not sampled. Max benzene 490 ug/L (MW-25). Max BTEX 2,820 ug/L (MW-25). Max MTBE 120 ug/L (MW-25). 1Q2010, 5/17/2010, by EnviroTrac. The monitoring well newtork was gauged and monitored on 3/25/2010. 7 wells were gauged. NO LNAPL. DTW 2.19 - 10.23' (below existing grade?). Flows to northwest. 7 wells were sampled. Max benzene 9.1 ug/L (MW-22). Max BTEX 248.6 ug/L (MW-21). Max MTBE 10 ug/L (MW-24). 7/20/2010 - Reviewed Remediation Work Plan for Chemical Oxidation Solution Pilot Application, dated July 12, 2010, by Delta. During the week of June 21, 2010, Delta installed 6 soil borings in the portion near the 4th Ave. SB-8 (12-13'), 1,302,600 ug/kg total VOCs. SB-8 (20-21'), 12,568 total VOCs. SB-9 (8-10'), 1,884 total VOCs. SB-9 (19-20'), 525 VOCs. SB-10 (7.5-10'), 828,240 VOCs. SB-10 (15-16'), 217 total VOCs. MW-14 (11-12'), 167,549 total VOCs. MW-14 (17-18'), 15,788 total VOCs. MW-15 (7.5-10'), 318,470 total VOCs. MW-15 (14-15'), 15,908 total VOCs. 3 soil borings turned into MW-14, MW-15 and MW-16. soil sample was not recovered and therefore no sample was collected for MW-16. Delta proposes to inject iron activated sodium persulfate and a pilot will be conducted first. 2 application wells AW-1 and AW-2 will be installed in the northwest portion of the site. The application wells will be installed to 15 feet bg with 10 feet

KAM SERVICE CENTER INC (Continued) **1000556241**

4-inch diameter screen. 500 gallon of sodium persulfate/EDTA-chelated Fe(II) solution (0.50 kg/gal/0.01 kg/gal EDTA-Fe(II) as Fe) will be added into the two application wells. Surrounding wells MW-15, MW-16 and MW-22 will be monitored. Pre-application sampling will be included BTEX/MTBE, sulfate, DO, pH, ORP, and alkalinity. Sampling will be also conducted the day of the application, following day, and weekly for 2 weeks. Anticipated the pilot to be conducted the final week of 7/2010. ChemOx pilot work plan is approved. Report due 8/2010. 10/26/10 The site is temporarily reassigned to Alex Zhitomirsky as per V. Brevdo and M. Tibbe. I went to the site today. There is some standing water and some residential garbage at the site. I could not smell any odor. An e-mail with my findings was sent to V. Brevdo and M. Tibbe. AZ 4/11/2011 - Spill transferred back to JFeng. 6/24/2011 - On June 24, 2011, DEC reviewed the work plan proposing full scale ChemOx injection. Then DEC was also notified by the developer that they have financing coming into place and plan again to develop the site. A conference call was held on June 28th with BP, its consultant, and the property developer. The developer is planning to construct a building with a full basement that will cover the entire footprint of the property; with the basement onl depth at which dewatering will not be needed. As such, BP will need to change plans the developer agreed to provide us with their construction drawings, and BP agreed to provide a work plan for a focused investigation to determine whether they could over-excavate to remove remaining impacts; we also spoke about the need for continued gw monitoring which would likely need to include wells in the basement. 8/1/2011 - Reviewed Soil Investigation Work Plan, dated 7/14/2011, by Antea Group. 8 soil borings were proposed in order to identify remaining soil contamination. Comments: the drilling should be beyond the historical contamination depth until hitting clean soil; sewer information in the sidewalk of 4th Ave; the 1997 misfiled oil burner replacement Block 987 Lot 11, but address 363 4th Ave; and if this site is a e-designated site under NYC DEP. 8/9/2011 - meeting with BP and Antea Group. Discussed the submitted IWP. DEC required the drilling down to the clean depth in order to vertically profile of the soil and identify remaining soil contamination. Revised IWP will be submitted. 9/9/2011 - reviewed additional revision of the IWP submitted via email by Antea Group on 9/5/2011. reduced PID reading is defined as immeasurable reading. So soil samples from the water table interface, highest PID reading, reduced PID reading, and 3 feet below reduced PID reading will be taken. 9/9/2011 - approved IWP for installing 8 soil borings to assess the current soil condition. Report due 12/2011. 10/27/2011 - 2Q2011, 9/7/2011, by Antea Group. The groundwater samples were collected on June 6, 2011. 10 wells were sampled. NO LNAPL. BTEX concentration increased from the last quarterly sampling results. MW-14, 36,320 ug/L BTEX, less than 25 ug/L MTBE. MW-15, 8,230 ug/L BTEX, less than 5.0 ug/L MTBE. MW-21, 1,060 ug/L BTEX, 97 ug/L MTBE. MW-25, 195 ug/L BTEX, 21 ug/L MTBE. 11/22/11 - Raphael Ketani. Arnie Fleming of Fleming-Lee-Shue (212) 675-3225 called me today about the case. He said that FLS is the consultant for the new developer. The site has an E designation. He said that BP is moving slowly on remediating the site. However, the site was excavated and oil flowed out from the east wall. Mr. Fleming stated that there is a yard area that belongs to the condominium building next door and that this would be a good place to do the investigation. However, the condominium has not been cooperative about letting BP's crew on the neighboring property. I told Mr.

KAM SERVICE CENTER INC (Continued) **1000556241**

Fleming to send DEC the contact information for the condominium and we will pursue aquiring access for an investigation on their property. He said that he will. 11/22/2011 - As per Ketani, spill 11-10410 was generated for the offsite issue. 11/23/2011 - sent via email to Naftali Group LLC the stipulation agreement along with corrective action plan. As per DEC Ketani, sent letter notifying petroleum contamination at 270 Fifth Street and required investigation. Response is required within 15 days in receipt of the letter. Letter was sent to: 270 Fifth Street Corp. 270 Fifth Street Brooklyn, NY 11215 BPC Management 84 Livingston Street Brooklyn, NY 11201 11/29/2011 - Reviewed Investigation Summary Report, dated October 28, 2011, by Antea Group. 6 soil borings were installed in the central portion and western portion along 4th Ave of the site. The borings were advanced to 20 to 30 feet bgs where a peat layer was encountered. Very high total VOCs and SVOCs were detected in various location. For total VOCs in soil samples ug/kg, SB-26 (7.5-9) 54,300, (15-16) dark NAPL stain 17,801, (20-21), 30.2. SB-29 (10-11) 155,380, (13.75-14.25) odd staining 236,111, (27-28) 26.19. SB-30 (7.25-8.25) staining 251,429, (22.33-22.66) stain with product 18,287, (25-26.33) 23,781. SB-31 (3.5-4) 108,609, (9-10) odor sheen on acetate 1,017,620, (29-30) 8,217. SB-32 (3.5-4) 2,990, (10-15)17,024, (20-22) 334.7. For SVOCs, SB-26 (15-16) 1,907,400. SB-30 (22.33-22.66) 1,653,800. Antea concluded that soil contamination were identifed in the central area of the site and along western border by 4th Ave. Varied depth 3.5 to greater than 20' and soil staining showed visible evidence of a heavier than gasoline grade of hydrocarbon in some location. Excavation alone may not be possible to remediate. Will propose vapor barrier and SSDS and development of a post construction remediation strategy to address the impacts. 11/30/2011 - letter to BP and requiring a RAWP to be submitted by 1/2012. DEC require the contaminated soil to be excavated, install hydraulic barrier to prevent site recontamination by the seeping oil, and vapor barrier + SSDS for the future building. The letter which was sent to the apartment building was attached as per DEC Paul John's request. 12/9/11 - Raphael Ketani. Today there was a conference call with Arnie Fleming of Fleming Lee Shue, Hassan Hussein, head of the Hazardous Materials Unit, June Feng, project manager, and myself. Mr. Fleming commented about the oil seep that was coming in from the east side of the property. I told him that the DEC wanted BP to excavate down about 16 feet at each location that showed excessive contamination (above CP-51 standards). Mr. Fleming said that BP had made a determination that these locations were too deep to excavate. Wells would be put in the sidewalk. Mr. Fleming also stated that he had bad experiences with installing wells through a vapor barrier. Once you open the wells to sample them, then the vapors come out and the VOCs are suddenly high in the building. He added that his client, the latest developer, was willing to install a 150 foot long curtain to prevent the oil from seeping onto the property. They would excavate to 10 feet below grade, the foundation level, and drive sheeting along the east border. He suggested ordering a STIP for his client to hold him as responsible for installing the 150 foot long curtain wall. He said that he believed that chemical oxidation can work. The soil is sandy. He can use pressure pulse technology to treat the contamination. Mr. Fleming went on to describe how this technology works and the benefits. After this, the conference ended. 12/15/11 - Raphael Ketani. Today I received a response letter from Mr. Onufrak of Atlantic Richfield Company (ARCO). In the letter, Mr.

KAM SERVICE CENTER INC (Continued) **1000556241**

Onufrak states that he is responding to DEC's 11/30/11 letter requesting a RAWP describing the excavation of the contaminated soil and the construction of a barrier in order to prevent the oil from the neighboring condo building from migrating onto the subject former BP property. Mr. Onufrak writes that ARCO disagrees with taking any responsibility for any off site oil that is migrating onto the property. However, he also wrote that the site owner, 267 Sixth Street LLC, is willing to pay for the barrier. ARCO will submit a RAWP for only excavating the contaminated soil at the site. 12/16/11 - Raphael Ketani. I sent a response letter stating that ARCO should submit a RAWP just for the excavation. However, I added that the containment and cleanup of the off site oil should be worked out between 267 Sixth Street LLC, 267 Development LLC and the owners of the neighboring condo building (270 5th Street). responsible party: ARCO (BP #13397) owner of site: 267 Sixth Street LLC developer: 267 Development LLC neighbor: 270 5th Street (condo) 12/27/11 - Raphael Ketani. Kevin McGuinness (developer's consultant) (212) 675-3225 called. He said that the developer and BP have reached an agreement regarding the retaining wall for holding back the oil on the east side of the property. BP will submit a work plan for only the west side excavation and the developer will submit a work plan for only the retaining wall construction. This was being done because the developer is under a short time constraint whereby he has to start work by a certain date. I told Mr. McGuinness that the submission of two work plans was fine. Mr. McGuiness responded that the DEC should receive the wall work plan by January 9, 2012. I asked him who was the owner of the site. He said that it was still BP. 1/5/12 - Raphael Ketani. I received the 1/4/12 Hydraulic Barrier RAP from Flemng Lee Shue for preventing the seepage of oil onto the site from the property to the east. I found the RAP to be acceptable for installing the steel sheet piling wall. I sent a letter to Mr. McGuinness stating this and an e-mail. I also had received the 1/3/12 Remedial Action Plan - Chemical Oxidation from the Antea Group. The basis of the plan was to use chemical oxidation and soil vapor intrusion to remove the contamination from the soil and the groundwater. Within the plan, there were diagrams showing the installation of piping for accessing the wells remotely after the site is developed and a building is constructed. The idea was that remediation would continue after site development. This I did not believe was a good plan. The reason being that if the treatment methods didn't perform as expected, then there would be no other options for the remediation, except natural attenuation. From the 9/28/-29/11 sample data in the work plan, the locations of concern for the soil contamination were SB-26 and SB-29 to SB-32. SB-26 = 7.5'-9' 54,300 ppb total VOCs; 15'-16' 17,801 ppb total VOCs and 1,907,400 ppb total SVOCs SB-29 = 10'-11' 155,380 ppb total VOCs; 13.75'-14.25' 236,111 ppb total VOCs SB-30 = 7.25'-8.25' 251,429 ppb total VOCs; 22.33'-22.56' 18,287 ppb total VOCs and 1,653,800 ppb total SVOCs; 25'-26.33' 23,781 ppb total VOCs SB-31 = 1.5'-4' 108,609 ppb total VOCs; 9'-10' 1,017,620 ppb total VOCs; 29.65'-30' 8,217 ppb total VOCs SB-32 = 10'15' 17,024 ppb total VOCs The locations of concern for the groundwater contamination were MW-14 (3/10/11 NAPL; 9/6/11 34,880 ppb total VOCs) and MW-15 (9/6/11 3,022 ppb total VOCs). I sent a letter approving the 1/3/12 RAP - Chemical Oxidation for conducting the work before the property construction. I disapproved the installation of the remote conduit piping before the building construction. In the letter, I also let the Antea Group know that they have to come up with an alternative

KAM SERVICE CENTER INC (Continued) **1000556241**

method of remediation in the event that the treatment methods fail to achieve a level of remediation that is at or below the standards.

1/10/12 - Raphael Ketani. I sent an addendum letter to my 1/9/12 letter regarding the Chemical Oxidation RAP. In this letter, I stated that Atlantic Richfield has to delineate the off site groundwater contamination, as depicted in the last diagram in the 1/3/12 Chemical Oxidation RAP. The diagram shows a hot spot of 16,385 ppb of total BTEX that abuts the fencing on the northwest side (4th Avenue). In the letter, I added that if the chemical treatments don't reduce the soil and groundwater contamination to or below the CP-51 standards, then they should consider excavation. Mr. Fleming (212) 675-3225 called in the morning. He tried to convince me to let the building be constructed first and have the piping for the solution treatment wells installed at the same time before the remediation takes place. I told him that my experience has shown me that this method doesn't usually work. I added that if the treatment solutions don't work, then everyone is stuck with high contamination below the new building. Mr. Fleming said that the developer is under a deadline to start the construction or else he will loose the money. I told Mr. Fleming that the idea of treating the soil and groundwater after the construction was unacceptable. Later in the morning Mr. Fleming called again. He said that the sheet piles could be made to go down more than 10 feet. He also stated that they could excavate the site generally down to 14 feet with no problems, excavate some small hot spots to 16 feet, and, if necessary, then drive the piling deeper and excavate further down. I told him this sounded alright. Mr. Fleming closed the conversation by stating that he will have a conference call with his client and Atlantic Richfield in a few minutes to discuss the plan. 1/19/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called today. We had a 30 minute phone conversation regarding the site. He argued for having DEC give a verbal approval to allow the construction company to put in piles and excavate generally to 10 feet down. He said that, at that point, they would dig out the contaminated soil in places down to 13 feet (this was 3 feet shallower than he had told me before). Then BP would inject lots of treatment solution into the soil in order to break down the contamination. After this, access piping would be installed for possible future injections and groundwater monitoring. Then the building would be built. I told Mr. Fleming that with the building constructed, you can't take confirmatory soil samples in order to see whether the treatment solutions did the job of reducing the contamination. Mr. Fleming stated that we would know whether the contamination has been sufficiently reduced by monitoring the groundwater. If the groundwater concentrations are low, then the treatments are being successful. He added that more treatments would be able to take place if needed. I told Mr. Fleming that all of the hot spots should be dug out. That's the best way to deal with this. Mr. Fleming said that the edge of the property is right up against an 8 foot NYC sewer main and this main is between the site and the subway. I told Mr. Fleming that he had never stated this before. He said that he found this out yesterday when the owner sent him the building drawings. I asked him how deep this sewer was. He said that being 8 feet, it's one of Brooklyn's main sewers. So it must be at least 15 below grade. Mr. Fleming added that he had spoken to the NYC OER and had asked them what would satisfy their requirements for remediation of the site. He said that they told him Whatever DEC wants. I told Mr. Fleming that this was not an answer and that we

KAM SERVICE CENTER INC (Continued) **1000556241**

always want the contamination cleaned up first. Mr. Fleming said that his client was willing to wait several months for the injected solutions to do their work and then build. However, if this is going to drag on for a year or two, then his client will just walk away from the project. I told Mr. Fleming to send the DEC a letter describing what he is proposing with lots of pictures, diagrams and drawings showing the sewer and I will take a look at his proposal. However, I stated, I will not promise him anything over the phone. He said that this didn't sound good, but he will send me the plan. 1/20/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me today. He said that he had spoken to his client and had worked out a plan whereby treatment solution injection and confirmatory soil sampling would be possible even with the foundation in place. I asked him how he would accomplish this. He said that 12 inch access ports would be built into the foundation so that drilling can take place in order to inject treatment solutions and take confirmatory samples. Then I asked him how additional treatment solution injections would take place. Mr. Fleming stated that special wells would be installed into the sidewalk that would have very long risers which would curve under the foundation and go into the water table. I told him to send me plans showing the access ports, the 8 foot sewer and the groundwater sampling wells. Mr. Fleming said that he will. Later in the day, Mr. Fleming sent me the plans (4/2/09 foundation plan and 1/29/12 groundwater well sampling plan). 1/23/12 - Raphael Ketani. I reviewed the plans and my notes from my conversations with Mr. Fleming on 1/19/12 and 1/20/12 and before. I sent Mr. Onufrak of ARCO, Mr. Hinshalwood of Antea and Mr. McGuinness of Fleming Lee Shue a letter approving the plan to construct the 12 inch diameter access ports and the groundwater monitoring wells with the very long risers. I stated in the letter that they should try to dig out as much of the contamination as is possible before embarking on the foundation construction. I included copies of the boring and well locations for every boring and well that had elevated VOCs and SVOCs since the project had begun. I also included copies of the DEC 1/9/12 letter warning of possible damage to the subway tunnel walls if the they use sodium persulfate, and that they should include a work schedule for each step of the access port and well construction, and foundation construction. 1/30/12 - Raphael Ketani. Dan Cole of the NYC Office of Environmental Remediation (212) 341-0964 called regarding the site. He said that he wanted to have the owner install a much thicker vapor barrier that would be impervious to product, also. I asked him how thick a barrier. He said 20 MILS. I told him to send a letter to the owners with a c-c to me (after the owners agree to this) stating that the barrier will be 20 MILS. Mr. Cole said that he will. I received an e-mail from Mr. Cole as a c-c. The e-mail was sent to Toni Finger of Kramer Levin (presumeably the developer's lawyer). It stated that the OER needed several things in order to close out its review for the site: notarized affidavit from the buyer stating that the previously issued DOB job number will be used for development of the project; information about how the 20 MIL vapor barrier will be installed; a signed and stamped letter from Karl Fischer summarizing the full project description. Upon receipt of the above information, the OER will issue a Notice of No Objection. 2/1/12 - Raphael Ketani. On 1/31/12 and 2/1/12, the Naftali 1/31/12 OER Notice to Proceed, the Witek 1/30/12 Affidavit, the KFA Architects 1/30/12 Affidavit and the 1/1/12 Grace Letter were sent to Mr. Cole. On 1/31/12, Mr. Cole sent a Notice of No Objection to Mr. Finger for DOB Job No. NB-310071294.

KAM SERVICE CENTER INC (Continued) **1000556241**

2/21/12 - Raphael Ketani. Peter Helseth of Fleming-Lee Shue sent an e-mail containing a document describing the use of steel sheet piling in combination with a sealant. This barrier system would be used to prevent oil from seeping onto the site. I responded back by stating that it was the responsibility of the consultant and the developer to make sure that the barrier is appropriate and efficaceous. 2/24/12 - Raphael Ketani. Today, I received a letter from Gordon Hinshalwood, PhD. of Antea Group. In the letter Dr. Hinshalwood stated that the 1/3/12 Remedial Action Plan - Chemical Oxidation was being implemented. Excavation will take place generally to 13 feet below grade, and deeper where it is feasible to remove more contaminated soil. The additional soil impacts and the historical groundwater impacts were expected to be addressed by the actions described in the Remedial Action Plan. In addition, redevelopment is scheduled for 2/20/12. Once the basement level excavation is complete, then the ISCO application wells, associated piping and monitoring wells will be installed within 30 days. Also, during this time, the SSDS, vapor barrier and soil sampling access ports will be installed. Redevelopment will be completed in 12 to 24 months. After this time, the soil sampling ports will be sealed and the ability to evaluate the treatments will be very limited. The remedial activities schedule was included in the letter. The first round of solution applications will take place within 14 days of installing the wells. Three additional rounds of solution application are indicated (if this many will be necessary to treat the contamination). Post application soil and groundwater sampling will take place one month after each application. So Dr. Hinshalwood expects the entire remediation process to take no more than 12 months following the initial phase of construction. 2/27/12 - Raphael Ketani. I sent an e-mail to Dr. Hinshalwood again warning him about the use of sodium persulfate near a subway structure and to contact the NYCT about its use at the site. I also again asked for the soil descriptions and calculations that were used to determine how much treatment solution would be necessary to remediate the contamination. I contacted the NYCT about the intended use of sodium persulfate by Antea Group, but I could only leave a message. Later, Dr. Hinshalwood called me in response to my e-mail. He said that Antea had contacted the NYCT regarding the proposed treatment solution injections and they are in the process for getting a permit to do the injections. Also, we discussed what type of information the DEC wanted in order to understand whether the solution injections will proceed as planned. Dr. Hinshalwood will send an addendum letter with the information. 3/1/12 - Raphael Ketani. Peter Helseth, P.E. of Fleming-Lee Shue sent me an e-mail with an attachment showing an alternative product for use as a hydraulic barrier. 3/2/12 - Raphael Ketani. Dr. Hinshalwood sent me an e-mail today. He stated that Clean Earth of Carteret, NJ will be the destination for the contaminated soil that will be excavated. No soil will leave the site until he has an acceptance letter from Clean Earth. 3/12/12 - Raphael Ketani. Dr. Hinshalwood sent me the Addendum to Proposed Schedule for Implementation of Remedial Action Plan dated 3/12/12 and produced by Antea Group. In the RAP, Dr. Hinshalwood explained that a a permit application to use sodium persulfate was submitted to the NYCT on 2/22/12. Boring logs and Rockware software were used to create cross sections of the site. The soils are predominantly sand and silty sand with peat in the central portion of the site. Soil porosity varies from 25% to 30%. Permeability is from 10-2 to 10-4 darcys, but is highly variable. Cross sectional diagrams

KAM SERVICE CENTER INC (Continued) **1000556241**

were provided which depicted the lateral distribution of the sand, silty sand and peat in the subsurface. He also explained that a pilot test was conducted in the northwest corner of the property in the vicinity of MW-15 and MW-16. The treatment solution was injected into the 4' to 14' interval. It was found that AW-2 would only accept 150 gals. of solution over the course of a day. While AW-1 would accpet up to 280 gals. of solution per day. Dr. Hinshalwood stated that, given the limited reagent volume to be used, it will not affect the subway. The volumes to be used per injection well will likely be 150 to 300 gals. per day. The solution density will be no more than 0.5 kg/gal. The total mass to be injected will be 2500 gals. for this round. This means that each injection well will receive about 75 gals. I responded back to Dr. Hinshalwood by e-mail that the DEC had accepted the RAP without comment, but that no work should proceed until the NYCT sends the permit for using the solution. Also, I stated in the e-mail that the DEC should receive a copy of this permit. 3/23/12 - Raphael Ketani. I called up Mr. Fleming (212) 675-3225 today. He said that the removal of the fill material will start April 1. The contaminated fill has been delineated. It will be disposed of. Test piles have been done for the foundation. The foundation plan calls for 14 or 16 soil sampling ports in the foundation floor. The barrier sheeting has been ordered. Fleming-Lee Shue will have someone on site everyday for air monitoring and construction - it is an OER requirement. 4/10/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called today. He said that they had wanted to drive the steel sheet piling between the neighboring condo building and the site. However, they found out that the building had already been damaged from vibrations caused by the previous demolition and excavation work to remove the old gas station. The condo building was built in 1911 and can't take any vibrations. The NYC Dept of Buildings has required that seismometers be placed next to the building in order to measure the vibrations. If there are significant vibrations, then all work will have to stop. Mr. Fleming said that this would make it impossible to install the steel sheeting as originally planned. However, he had an alternative method in mind.

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have removed the cover soil down to 10 feet below grade, the construction company can dig a trench that extends 10 feet deeper along the property boundary with the condo property. Once this trench is constructed they will hand install, not drive, steel sheeting such that they will have a wall that is 20 feet high. The base of the steel wall will be below the water table and will be keyed into the future building foundation. The wall will be deep enough to stop the migration of the oil from the condo property which is appearing at 10 to 13 feet below grade. I told Mr. Fleming that this would be fine and to send me a new work plan. Mr. Fleming said that they are anxious to start the work and the DEC will receive the plan very soon. 4/25/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called to say that a UST was discovered below the neighboring condo property (spill #1110410 and #1200737). The contractors for Mr. Fleming were installing the required sheeting when they found free product running into the site from the neighbor's soil. They also saw that the neighbor's parking lot was sinking a couple of inches. They looked at the parking lot east of the building and found an old fill pipe. They stuck a rebar down the pipe and came up with 2 feet of oil. The condo was contacted and they hired YU Associates to do a GPR survey. One 550 gal. tank was found. The tank was emptied and cleaned out and the

KAM SERVICE CENTER INC (Continued) **1000556241**

oil stopped seeping onto the site. The tank will be removed. Mr. Fleming asked whether DEC would allow 267 Sixth Street LLC (alternate address for 363 4th Avenue) to not put in the steel sheeting - as it was intended to prevent oil from seeping onto the site. I told him that since the oil is not moving onto the site, there is no need for the sheeting and it can be left out of the development of the site. I asked Mr. Fleming whether the condo was going to dig out the contamination. Mr. Fleming said that they were talking about it, but they weren't moving. I told Mr. Fleming to suggest to Mr. Naftali that he let his contractor do the excavation and back bill the condo. Mr. Fleming said that this was presently being discussed as he already has his equipment and trucks on site. After this, the conversation ended. 5/2/12 - Raphael Ketani. Arnie Fleming of Fleming Lee Shue called. He is the consultant for the developer of the neighboring site to the west (363 4th Avenue; #8901904). He said that he was at the co-op site yesterday and the contractors had emptied and cleaned out the tank. Because of this, the oil seepage onto 363 4th Avenue had stopped. The tank on the co-op property was a 1,000 gals. and was 2 feet away from the border between the two properties. No piping was found associated with the tank. Mr. Fleming said that he was dewatering his client's property and no oil was flowing in. However, he told Mr. Yu of Yu & Associates that he should start digging out the contaminated soil around the tank as he will stop dewatering and then Yu & Associates will have do their own dewatering in order to remove the contaminated soil. Mr. Yu said that he was waiting for the co-op board to meet in order to give him a decision regarding whether he can proceed with the remediation work. Mr. Yu also state that an oil sample was sent off for fingerprinting. So everyone is waiting for the results. Mr. Fleming said that he emphasized to Mr. Yu that he should take advantage of the present dewatering because it will save him some money. Also, I sent an e-mail to Mr. Fleming stating that the steel sheeting didn't need to be installed as no oil was seeping onto the property and because the only purpose for installing the sheeting was to prevent the seepage. Later today, Rodney Rivera from the Regional Direction office of Region 2 came to the DER floor. He said that there had been a dust and petroleum odor complaint by someone from the co-op next door to Channel 11 News. Mr. Rivera was trying to find out what was happening at the site. I spoke to him and told him that this was the first time that I had been told there were dust and odor problems at the site. I also explained that excavation work was supposed to take place as part of the remediation of the site. However, I also told Mr. Rivera that the UST under the co-op property had just been cleaned out and had leaked oil into the ground. So this may also be a source of odors. Next, I spoke to one of the supervisors in the Spills Unit and he ordered a person in his unit to go and investigate the complaint. Next, I contacted Mr. Fleming (212) 675-3225. He said that he is aware that there are odors, but there isn't a significant problem with the dust. However, they are usually mild. However, there are instances of strong odors when they dig in the site to put the pile caps for the foundation. These odors usually affect a resident in the first floor of the co-op as his apartment is right next to the digging. Mr. Fleming also stated that this person's apartment is 5 feet from the newly discovered UST which was just cleaned out. So there will be odors when the soil is dug out in this location. A consultant from PAL Environmental is walking around the site with a PID meter and checking the odor levels. The first floor apartment was

KAM SERVICE CENTER INC (Continued) **1000556241**

investigated for odors, but they are mild. I told Mr. Fleming that he will have to come up with a solution to the odor problem in order to alleviate the issue for this resident. Mr. Fleming said that he will send the DEC a plan in writing, but they will first try sealing the person's windows with plastic and caulk so that there are no air leaks. Maybe this will solve the problem. I asked Mr. Fleming what he and his crew are doing about the odors. Mr. Fleming said that the odors only happen with the initial dig into a location and then they quickly dissipate. However, he is using biosolve (a masking agent). Also, Fleming Lee Shue is now starting to dig out the hot spots. I asked Mr. Fleming to keep me informed. He said that he will. The Spill investigator contacted DER from the site and reported back that presently there were no odors. 5/7/12 - Raphael Ketani. Vanessa Meer of Yu & Associates (201) 791-0075, 116 called today and left a message. I tried to return her call, but could only leave a responding message. 5/8/12 - Raphael Ketani. I spoke to Mr. Fleming (212) 675-3225 today. I told him that there had been another odor complaint and the EPA was now involved. He said that the neighbor who had been complaining was moved into a hotel across the street from his apartment building. I told him that was fine and I asked who had arranged this. He said that it was the contractor. I asked Mr. Fleming to find out the name of the person who was affected by the odors. Mr. Fleming said that he will. Mr. Fleming added that the odors are of gasoline, not fuel oil. So everytime they dig, some odors appear. He said that he has a guy walking around the site with a PID meter and checking that there are no exceedences of the 10 ppm standard. However, if there are, then the work stops to let the odors disipate. An odor suppressing material was put down, but it's not very effective. Mr. Fleming added that the NYC DOB came by and stopped the work. There's a stop work order. He doesn't know why this happened, but they usually don't get involved in odor complaints. On another note, Mr. Fleming said that they are presently dewatering the site and the water table has been depressed 3 feet. So, if the contractors from Yu & Associates want to, now is the time to dig out the soil contamination. I told Mr. Fleming that the co-op may not be ready to remediate the spill. 5/9/12 - Raphael Ketani. I spoke to Ryan Piper, EG I of the Region Spills Unit, about the latest odor incident. He said that the odor incident was called into the Spills Hotline by the NYC DEP. The incident was assigned spill number 1200916. Mr. Piper told me that he went to the site, but didn't find any odors. I told him that the citizen who had been complaining about odors in his apartment had been moved to a hotel. I asked him whether he knew the name of the citizen. Mr. Piper said that he didn't. However, he said that the spill case had been closed and referred back to this one. Tona Construction and Management, 615 Baltic Street, Brooklyn, 11217 is the construction company. The contact is Michael Izzo, General Superintendent, at (718) 399-3800/cell (718) 825-9309. 5/11/12 - Raphael Ketani. Steve Sangesland, Duty Desk Officer for the Region 2 Spills Unit, gave me a note that Matt Law (718) 593-9028 had tried to contact someone at the DEC regarding odors from the former BP station. I spoke to Mr. Law at length about the site, about the nature of the contamination (that is was just gasoline) and about the procedures for monitoring and managing the vapors and odors. He said that he was concerned that something else had contaminated the site, other than gasoline. I asked him whether he was the resident who had been moved to the hotel. Mr. Law said that he was not and that he lives on the other side of the building

KAM SERVICE CENTER INC (Continued) **1000556241**

from the site. He stated that he was glad that the DEC was aware of the situation and that the contractors were managing the odors. I explained that they are working to get rid of the contamination as fast as possible in order to alleviate the odors and that the building that will be built will have a vapor barrier and a passive vapor venting system. So this building will be safe to live in. With that, Mr. Law thanked me for all of the information and the conversation ended. 5/18/12 - Raphael Ketani. I received a copy of a letter today by e-mail from Antea Group. The letter was dated 5/16/12 and was sent by Antea Group in response to comments by the NYCT regarding the use of sodium persulfate to treat the contamination and the extent of the contamination. I reviewed the letter. From its contents, I determined that Antea Group had adequately responded to the NYCT's comments and concerns. 5/30/12 - Raphael Ketani. I received an e-mail today from Peter Helseth of Fleming Lee Shue. He stated that most of the foundation elements have been constructed on the site and the area for the foundation walls has been capped with clean stone. There is no more exposed soil, nor excavating taking place. So air monitoring has been stopped. 6/7/12 - Raphael Ketani. I received a call from Jay Solomon (212) 661-9400, the attorney for the Shepherd family that had been moved out of apartment 1G at 270 5th Street. He said that when the foundation was laid at the construction site next door, lots of oil vapors entered the apartment and the parents and two kids had to be moved into a hotel temporarily. However, he added that the foundation work has been finished. I told Mr. Solomon to contact the company responsible for the air monitoring and have them do a followup indoor air inspection just to be sure everything is alright. He said that the vapors had come from the construction site. I told him that the vapors would more likely come from the 1,080 gal. UST site because there is lots of contaminated soil there and this location is much closer to apartment 1G. Mr. Solomon didn't comment on this. I added that once the tank is removed, the contamination in the soil is exposed and the oil will vaporize. In any event, I said, it would be good to have a followup indoor air survey done of the apartment. I told him that Fleming Lee Shue was the consultant in charge of setting up the air monitoring and he should contact them. With that, the conversation ended. I tried to contact Mr. Fleming (212) 675-3225 regarding the attorney's request for another indoor air inspection, but I could only leave a message. Mr. Helseth from Fleming Lee Shue called in response to my message. He said that Mr. Fleming was out today, but he will take care of anything that's an issue. I explained that Mr. Solomon had called and wanted a vapor survey performed in his client's apartment. Mr. Helseth said that this will be done. I added that a vapor survey should also be done in the hallway outside the apartment, outside the building itself and next to the excavation area for the 1,080 UST. Mr. Helseth said that this will be done. Later, Mr. Fleming called. We discussed the issue of doing a PID survey in the Shepherd's apartment. I told him that the DEC also wanted a survey inside the building's hallway, just outside the apartment, just outside the apartment in order to get the ambient air concentrations, then next to the UST removal site and finally next to the border of the two concerned properties (condo and excavation site). Mr. Fleming said that he will talk to his client about this. Some time later, Mr. Fleming left a phone message that all parties had agreed to do the vapor surveying. The co-op board was being contacted and it was hoped that the surveying will take place tomorrow, 6/8/12. Mr. Fleming

KAM SERVICE CENTER INC (Continued) **1000556241**

stated that he will keep me posted. 6/8/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me regarding doing the vapor testing inside apartment 1G at the co-op and outside at the UST excavation location. Mr. Fleming told me that the lawyer told him not to enter the property and that Yu & Associates will do the work. I told Mr. Fleming that it didn't matter who was going to do the testing, just that the DEC gets the data. Later, I contacted Mr. Leung (201) 791-0075/cell (201) 310-2501 and explained that I wanted Yu & Associates to do the vapor survey. Mr. Leung said that more than one resident had been complaining about vapors from the BP site a while ago. I asked him whether they still were complaining. He said No. Mr. Leung added that nothing is happening right now as he was told the DEC wanted to take a look at the soil delineation results first before more excavating takes place. I told him that was not true. I told him that the DEC wants Yu & Associates to move as quickly as possible to excavate the contaminated soil, then submit the end point results once all of the soil is removed, and then go forward with installing groundwater wells. Mr. Leung said that he thought this was what the DEC wanted. So he will mobilize his crew. 6/14/12 - Raphael Ketani. Mr. Fleming left me a message today. He said that one of his workers did a PID survey of the neighborhood. The only vapor detections were about 8 ppm just across the property fence with 270 5th Street. The detections were at the location of the open tank grave. Mr. Fleming added that the tank is sitting on the ground and hasn't been removed and the tank grave is uncovered. His worker was not able to do a PID survey of the Shepherd's apartment as he was not allowed access. 6/18/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called me regarding doing the neighborhood vapor survey. He said that the only detections were at the location of the tank removal next door. However, there is another construction site to the south across the street and they are doing dewatering. There is a 20,000 gal. Baker Tank for storing the recovered water on site before disposal. Mr. Fleming didn't know what the site used to be. He did state that the groundwater level always was a little lower than expected on the southern side of the site. Now he understands why. Lastly, he said that the developer is going to pour the concrete floor very soon. However, BP and Antea Group have not done the first round of treatment solution injections. By way of the timing for letting the treatment solutions do their work, they will miss the opportunity to do a second round of treatment (if necessary) if BP and Antea don't move quickly. Mr. Fleming said that he will keep me informed. I tried to conact Mr. Onufrak (410) 825-8213 regarding having the first round of treatment injections performed. However, I could only leave a message. Next, I contacted Dr. Hinshalwood at Antea (914) 495-9950. I told him that the developer was going to install the floor for the new building very soon and that BP and Antea should do the solution injections very soon. Otherwise, they may not have the opportunity to do them. Dr. Hinshalwood said that Antea has been in touch with the developer on a daily basis in order to know when there is a pause in the construction and they can do the injections. He said that the injections will take place in wells that will be installed at two depths throughout the site - as had been agreed upon. I told Dr. Hinshalwood that was correct, but Mr. Fleming had lead me to believe that doing the injections wood not be possible as the floor would be completed. Dr. Hinshalwood said that they would bore through the floor to install the needed wells. He added that he was not the project manager anymore. He said that the new project manager is Tim

KAM SERVICE CENTER INC (Continued) **1000556241**

Fisher (914) 495-9935. He said that he will have Mr. Fisher call me regarding the project and the solution injecting. I told him that would be fine. As an alternate, Dr. Hinshalwood said, I could also talk to Chris Meyer (914) 495-9937, the portfolio manager, about the project. With this, the conversation ended. 6/19/12 - Raphael Ketani. Chris Meyer of Antea Group sent me the following e-mail: As a follow-up to the conversation you had yesterday with Gordon Hinshalwood, I thought this update was appropriate. I realize it s been a little while since we discussed this project. In accordance with the RAP that was approved by the NYSDEC on March 15th, last Friday (June 15), we completed the installation of the ISCO application wells and ground water monitoring wells along the western property boundary. Installation of the sub slab depressurization piping and soil vapor barrier was also completed last Friday by the developer. Per the email approval you provided to the developer on May 2, the steel sheeting was not installed by the developer. Yesterday (June 18), the developer poured the concrete slab for the building. Today, we are collecting baseline readings from the newly installed monitoring wells present along the western property boundary, as requested by the Transit Authority (TA). At this time we are in the process of coordinating the first ISCO application. We do not have a definitive schedule of when the first application will occur, but we expect it will be in July. 6/25/12 - Raphael Ketani. Mr. Meyer sent me an e-mail stating that the first ISCO is scheduled for thursday, 6/28/12. 7/9/12 - Raphael Ketani. Mr. Fleming (212) 675-3225 called to say that the first injections took place about a week ago. 8/16/12 - Raphael Ketani. Mr. Fleming sent me an e-mail stating that BP installed the groundwater treatment injection pipes and performed the first injection about two weeks ago. However, they were not keeping him in the loop. The building is progressing and is well above grade. 8/22/12 - Raphael Ketani. I responded to Mr. Fleming's last e-mail and stated that there was a meeting with staff from BP yesterday. They had indicated that the building construction is moving forward and that 3 rounds of injections had already taken place. They were concerned that groundwater injection and confirmatory soil sampling access could be lost as the construction was moving so quickly that the access portals will be closed soon. I added that the groundwater samples to be taken after the treatment injections must be at or close to GA standards. If they are not, then more treatment will have to take place. If the foundation portals are closed up before the groundwater is sufficiently remediated, then the DEC will contact the NYC DOB and the NYC OER and tell them to hold off on issuing the Certificate of Occupancy. Mr. Fleming called me. He said that the soil confirmation access ports will remain open until next summer. The holes will be closed only just before the owner goes for his Certificate of Occupancy. 10/15/12 - Raphael Ketani. I tried to contact Tim Fisher (914) 495-9935 and Chris Meyer (914) 495-9937 of Antea Group, and Nick Onufrak (410) 825-8213 of BP regarding progress at the site and whether confirmatory soil borings had been taken and whether groundwater samples had been taken. However, I could only leave voice messages. Mr. Meyer called me back. The last injection was completed. All 8 applications have been completed. The sodium persulfate solutions and EDTA chelated iron are in the ground. On October 22, Antea is going out to do groundwater and soil confirmatory sampling. 10/18/12 - Raphael Ketani. Mr. Meyer called. He said that due to the crane still being in place for constructing the building, the sampling date has been pushed back to

KAM SERVICE CENTER INC (Continued) **1000556241**

October 24. 10/22/12 - Raphael Ketani. Mr. Meyer (914) 495-9937 called. He said that the soil and groundwater confirmatory sampling has been pushed back to November 5, 2012. The sampling will take 5 to 6 days. 11/12/12 - Raphael Ketani. Mr. Fisher left me the following e-mail message today: Today we are beginning the process of collecting confirmation soil and grab ground water samples from below the building slab at former BP station 13397 to determine if impacts remain following the completion of ISCO applications. We expect site activities to last through this Thursday. 1/9/2013 - Raphael Ketani.

A conference call took place today between Nick Onufrak of BP-ARCO(410) 825-8213, Chris Meyer (914) 495-9937 and Gordon Hinshalwood (914) 495-9950 of Antea Group and myself. The subjects of the call were the groundwater and soil sample results and the Certificate of Occupancy for the building. Mr. Onufrak stated that they had received the soil and groundwater results after 8 rounds of solution injections had taken place. The results were not good. There wasn't much improvement. They wanted to know whether this would affect the ability of the building's owner to get the Certificate of Occupancy. I told him that the poor results will. I added that you can't have a building sitting over a pool of oil. The vapors will travel up the footings and into the concrete walls of the basement - bypassing the vapor barrier - and then into the building. Mr. Meyer stated that the building will have a vapor barrier and a passive venting system. I told everyone that another way to reduce the contamination has to be found. I added that I had another case with the same problem and they can't get a permanent C of O as they have oil seeping under the property. Their contamination was known, but the owner built his building anyway. I also said that the DEC would have to contact the NYC OER and they would let the NYC DOB know that someone has built on top of contamination that still exists. I asked whether the groundwater could be extracted. Mr. Meyer said that the wells can't pass a pump down the pipe. I asked whether just pushing a hose down each well would suffice. Mr. Onufrak and Mr. Meyer said that they will have to consider what can be done. They will send the DEC the report with the analytical results. Later, I talked to Dan Cole of the NYC OER and passed the above case notes to him via e-mail. He responded back by e-mail. 1/10/13 - Raphael Ketani. I responded to Mr. Cole's 1/9/13 e-mail (see the e-docs). I stated in the e-mail that a meeting needed to be held with all parties in order to make everyone aware of the continuing existence of the oil and contamination below the site. We would also have to discuss what can be done to resolve this problem. 1/24/13 - Raphael Ketani. The meeting took place as planned. In attendance were representatives from the owner's consulting company, the lawyer for the owner, BP, BP's consultants, BP's lawyer, Dan Cole from the NYC OER and myself. I brought up the issue that despite the numerous rounds of solution injections, the Department was informed that the contamination was still about as concentrated as before. I stated that an alternative means of remediation needed to be found and employed. Mr. Hinshalwood stated that only a 5% solution was used for the rounds of injections.

As the site is next to the subway tunnel, this was the strength limit of the solution that the MTA would approve. I told Mr. Hinshalwood that this explained why the contamination hadn't been broken down. I again insisted that a remediation method be found to reduce or remove the soil contamination. I also stated that there was product on the water table. Mr. Onufrak and Mr. Meyer stated that they will start using a vacuum truck to collect the product from one well where they

KAM SERVICE CENTER INC (Continued) **1000556241**

have seen free oil. I told them to submit a work plan and I gave them 30 days from today to do so. Mr. Onufrak said that this was enough time. Mr. Onufrak stated that two wells were destroyed during the building construction. I told him that the re-installation of the wells must be part of the work plan. I asked them when I will receive the soil confirmatory sampling data report. Mr. Meyer said that it was still going through internal review, but the DEC should receive it soon. The meeting ended with an agreement to present an alternative means of remediation. 2/1/13 - Raphael Ketani. Mr. Meyer (914) 495-9937 sent me an e-mail stating that a site visit was made on January 30 to see whether it was possible to position a vacuum truck near some of the wells in order to collect the groundwater. A location was found where the vacuum truck could park. So the first vacuum event will take place the week of February 11. Stingers will be used to collect groundwater from the observation wells. 2/7/13 - Raphael Ketani. Mr. Meyer sent me the following e-mail: The first VEFR event is scheduled to take place on Wednesday, February 13th. Six consecutive weekly VEFR events are planned. 2/15/13 - Raphael Ketani. I received the following e-mail from Mr. Meyer: The first VEFR event took place this past Wednesday, February 13th. The next VEFR event is scheduled for Wednesday, February 20th to gain additional information. We will also be submitting a VEFR work plan to you next week. I ve also attached the report we ve prepared to summarize a number of activities that were implemented as proposed in the Remedial Action Plan Chemical Oxidation, dated January 3, 2012, the Proposed Schedule for Implementation of Remedial Action Plan addendum, dated February 22, 2012, and the Addendum to Proposed Schedule for Implementation of Remedial Action Plan, dated March 12, 2012. As such, the post-application sampling results we discussed during our meeting in January, are also presented. 2/19/13 - Raphael Ketani. I finished my review of the Antea Group 2/13/13 Remedial Action Summary Report. From 4/11/12 to 5/25/12, 7386 tons of contaminated soil were excavated and taken to Clean Earth of Carteret, NJ. Between 4/26/12 and 6/19/12, 75,297 gals. of groundwater accumulated on site and this was taken to Lorco Petroleum Services in Elizabeth, NJ as non-hazardous waste. The SSDS system was installed prior to construction of the foundation. It consisted of 4 inch schedule 40 PVC piping with 0.020 slots benaeath the concrete basement slab. The piping was laid down in a layer of 3/4 inch crushed stone that is 4 feet thick with 3 risers extending through the slab, which will be extended to the roof. A Grace Preprufe 300R and 160R/Bithuthene 4000 vapor barrier was installed. Eight (8) soil borings were performed from 5/24/12 to 6/12/12. These borings were turned into wells OW-1A to OW-4A and OW-1B to OW-4B. The borings were started at the excavation floor, which was 10 feet bgs. OW-1A to OW-4A were drilled to 30 feet bgs. OW-1B to OW-4B were drilled to 20 feet bgs. The wells were installed along the western boundary of the property which is along 4th Avenue in order to monitor the sodium persulfate concentrations and the groundwater. During the same time interval, 16 soil borings were performed and were turned into wells for the purpose of injecting the treatment solutions. These wells were AW-1A to AW-8A and AW-1B to AW-8B. The borings started at the excavation floor. AW-1A were finished at 16 to 19 feet bgs and AW-1B to AW-8B were finished at 24 to 28 feet bgs. Each well was connected with a 2 inch diameter PVC hose. AW-1 (A,B) to AW-4 (A,B) and AW-7(A,B) were used to treat the soil and the groundwater under the western portion of the site. AW-3 (A,B), AW-6 (A,B) and AW-8 (A,B)

KAM SERVICE CENTER INC (Continued) **1000556241**

were installed to treat the soil and groundwater under the central portion of the site. AW-5 (A,B) were installed in order to treat the soil and groundwater under the southwestern portion of the site. Soil samples were only taken from the deep B series of borings due to the proximity to the shallow A series of borings. No soil samples were taken from AW-1B or AW-7B. The analytical results showed exceedences at AW-2B to AW-4B, AW-6B, AW-8B, OW-1B to OW-4B. On 2/21/12 (dated as 2/21/13 in the report), groundwater samples were collected from MW-13, MW-15, MW-16, MW-20, MW-22 and MW-24. The VOC results for MW-13 were all non-detect. Those for MW-15 were extremely high. MW-16 had VOC results from just a little above the TOGS standards to below the standards. The results for MW-20 were all a little above the standards. MW-22 had 2 high VOC hits with the rest being low to moderate hits. MW-24 had hits from below to 3 a little above the standards. Pre-injection groundwater samples were taken on 6/19/12 from OW-1A to OW-4A and OW-1B to OW-4B. Each of the samples had exceedences for almost all of the TOGS 1.1.1 standards. All of the samples, except for OW-4B, had very high exceedences for total xylenes and ethylbenzene. OW-1A, OW-2A, OW-1B and OW-2B had very high exceedences for 1,2,4-trimethylbenzene. OW-2A, OW-2B, OW-3A and OW-3B had very high benzene exceedences. OW-1A, OW-2A, OW-2B, OW-3A and OW-3B had very high toluene exceedences. OW-1A, OW-1B, OW-2A and OW-2B had very high naphthalene and 1,3,5-trimethylbenzene exceedences. OW-1A, OW-1B and OW-2A had very high n-propylbenzene exceedences. Eight applications were performed from 6/28/12 to 9/20/12. The sodium persulfate solutions were applied over several rounds at a concentration of 50,000 mg/l for each individual injection. This concentration was required by the NYCT as they were concerned that stronger concentrations would affect the subway tunnel bordering the property under 4th Avenue. About 12,800 gals. of 50,000 mg/l solution was injected with ferrous iron as an activation chemical. Staff at Antea Group calculated that an injected concentration of 130,000 mg/l would degrade to 5,000 mg/l at the property boundary, which would further degrade to 15 mg/l at the tunnel. Post injection, 6 borings were performed from 11/12/12 to 11/14/12 to 26.5 to 38.5 feet bgs. These were SB-33 to SB-38. A seventh boring, SB-39, hit refusal at 17 feet bgs and SB-40 hit a void below ground and could not be completed. The analytical results for the soil samples from the 6 borings all had exceedences. SB-33 had extremely high VOC exceedences and many SVOC exceedences. SB-34 was tested only for VOCs and had high hits. The SB-35 results were a little above standards to non-detect. SB-36 had low to high VOCs and SVOCs exceedences. SB-37 had low VOC hits, but extremely high SVOC exceedences. SB-38 had extremely high VOC hits and low to moderate SVOC exceedences. The median soil contamination total concentrations increased after the injections from 12,330 ppb total VOCs to 22,869 ppb. The mean total soil SVOC concentrations decreased from 14,691 ppb to 3914 ppb. Groundwater samples were taken from 11/12/12 to 11/14/12. SB-33 had many very high VOCs, and SVOC exceedences. SB-34 and SB-35 had high to very high VOCs. The water sample from SB-36 had 5 high VOCs and many high SVOC hits. SB-37 had high to very high VOC hits and low to high SVOC hits. SB-38 had many very high VOCs and also SVOC exceedences. Later, groundwater was sampled on 1/8/13 from OW-1A, OW-1B to OW-4A, OW-4B. The groundwater samples from OW-1B, OW-2A, OW-2B and OW-3B had many very high VOC hits and SVOCs which were mostly non-detect to low hits below TOGS with a few low exceedences. The sample from OW-4A had VOC hits from below the

KAM SERVICE CENTER INC (Continued) **1000556241**

standards to 4 very high exceedences. OW-4B had VOC hits from below the standards to several moderate exceedences. I approved the data in the report as it gave a reasonable picture of the degree of soil and groundwater contamination below the site. However, it will remain to be seen how effective the VEFR events are in reducing the groundwater contamination. 2/21/13 - Raphael Ketani. I sent Mr. Hinshalwood (914) 495-9950, Mr. Meyer (914) 495-9937 and Mr. Onufrak (410) 825-8213 an e-mail stating that the DEC wanted groundwater to be sampled from the MW, AW and OW series of wells. Mr. Hinshalwood (914) 495-9950 responded back by e-mail stating that the MW series of wells were destroyed by the foundation construction, except for MW-13 which will be used to monitor the groundwater when the construction ends. Also, he stated that the AW series of wells were not accessible and wells OW-1A and OW-1B had been destroyed, but will be reinstalled. So only 9 wells will be available for monitoring. The OW series are all along 4th Avenue. MW-13 is along 6th Street along the southern border of the property. 2/25/13 - Raphael Ketani. I received the 2/22/13 Antea Group Vacuum Enhanced Fluid Recovery Work Plan. The purpose of the plan is to extract NAPL and contaminated groundwater. VEFR events will take place weekly. Wells OW-1A to OW-3A will be used for VEFRing. Stinger devices will be used in the wells to collect the total liquids. Vacuuming using a vacuum truck will be undertaken for a single well. During the vacuuming event, the radius of influence (ROI) will be determined. Vacuuming will be conducted for 2 hours at each observation well. At the end of each VEFR event, product and groundwater levels will be gauged. The volume of NAPL and groundwater collected will be measured and recorded. The vacuum will be measured every 30 minutes. Vapor concentrations will be measured every 15 minutes using a PID meter. Before any future solution injection applications are performed, it will be determined whether the ROI extends under the western border of the property. Data from the ROI and the VEFR events will be used to determine whether more extraction wells are needed. 2/26/13 - Raphael Ketani. I found the Vacuum Enhanced Fluid Recovery Work Plan to be acceptable with the comment that the product and groundwater gauging must take place before the VEFR or vacuum events take place. I added that monthly progress update reports must be submitted to the DEC by the third week of the month following the VEFR and vacuum events and gauging. The progress reports must include the NAPL and groundwater elevations, the amount of product recovered and the groundwater flow map. I also added that quarterly groundwater analytical reports must be submitted no later than 30 days following the date of sample collection. The sampling must be for the expanded lists of VOCs and SVOCs. I drafted a letter for the review of Mr. Hussein with the above approval and requirements. Mr. Hussein approved the letter and it was sent out. 3/1/13 - Raphael Ketani. Mr. Meyer (914) 495-9937 sent me the below e-mail today: Three vacuum enhanced fluid recovery events were conducted at former service station 13397 on February 13th, February 20th, and February 27th, 2013. The objective of these events was to recover any NAPL that may have been present (as was evident from a sampling event in one of the observation wells along Fourth Avenue in January), and to explore the potential for ground water recovery using this technology on the existing wells (OW-1 through 3), which are located under the newly-constructed building with remote access ports for sampling located in the sidewalk as proposed in the approved Vacuum Enhanced Fluid Recovery Work Plan dated February 22, 2013. Ground water samples were collected from Observation Wells

KAM SERVICE CENTER INC (Continued) **1000556241**

OW-1A, OW-1B, OW-2B and OW-3B on February 27th and will be compared to the baseline ground water samples collected from the observation wells in January 2013 (before the VEFR events) to see if there is any significant change in VOC concentrations. Monitoring well MW-13 is located beneath some temporary infrastructure that is being used as part of the building construction. As such, it could not be sampled. To date, minimal water (115 gallons) and no measurable NAPL was recovered during the three extraction events, indicating that the practical application of this technology for hydraulic control is limited. Additionally, no significant vacuum influence was observed in surrounding wells during any of the extraction events, and vapor recovery was minimal as well, indicating that insufficient air flow was induced to mobilize significant vapor mass. Given these results, it is unlikely that this remedial approach will recover significant contaminant mass from the subsurface. At this point, no additional extraction events are planned, pending a review of the results of the ground water samples that were collected. Per your approval letter, we will be providing a more formal summary of these results in the third week of March. As I mentioned in my email on 2/21/13, efforts are also underway for Naftali to replace the two sidewalk wells that were destroyed during their construction activities (OW-1 and OW-3A).

---------- I responded by e-mail stating that the Atlantic Richfield Company and Antea Group had to find a way of recovering the contaminated groundwater, even if this meant installing larger diameter wells or more wells. 3/6/13 - Raphael Ketani. Mr. Meyer sent me the contact information for the person at the MTA who approved the sodium persulfate treatment plan. This person is Rajen Udeshi (646) 252-3673. 3/7/13 - Raphael Ketani. I spoke Mr. Udeshi. He said that he didn't do the analysis to determine that a 5% solution was required. He added that he is a Principal Engineer and a structural engineer. However, he is only involved in coordinating the treatment solution application process. Mr. Udeshi told me that Emil Dul (dool), Principal Engineer, MTA Environmental Group, at (646) 252-2405 is the person who calculated what the treatment solution concentration should be. I spoke to Mr. Dul. Mr. Dul said that whenever a treatment project is proposed within 200 feet of an MTA tunnel or such, then the Six Agency rule comes into play. He said that the six agencies include the Fire Department, the NYC DOB and a few others. The rule is administered by the NYC DOB. The engineer or architectural drawings need the approval of the six agencies. He said that some time ago, a meeting took place between the consultants from Antea Group and staff from the MTA to discuss the proposed sodium persulfate treatment plan. Mr. Dul added that the MTA was concerned that the treatment solution not leave the site - in other words, be completely used up - so that the subway tunnel would not be affected. Mr. Dul said that once they had all of the information, then they considered the treatment plan, which included drawings showing the locations of the injections points. Staff from the MTA went over the calculations for obtaining the solution mixture that Antea Group wanted to use and what the expected concentration would be at the property boundary. However, Mr. Dul said, he was not sure of all of the details regarding what had transpired. So he wanted to call me back with the rest of his staff to discuss the matter. I told him that would be fine, but that I still wanted to know who in MTA had decided that a 5% solution was the correct concentration. Mr. Dul responded that Antea Group had proposed this

KAM SERVICE CENTER INC (Continued) **1000556241**

in order to make sure the solution would be used up and to prevent its escape from the site. With that, the conversation ended. Later, Mr. Dul called me back and started a conference call with Derrick Braithwaite and Mary Kong, engineers from the MTA. Mr. Dul lead the conversation. He said that the MTA met with Antea Group on 3/27/12. They discussed the proposed treatment plan. On 5/16/12, the MTA sent Antea Group a letter with many questions regarding the injection plan. Antea Group later responded back. Mr. Dul was emphatic that the MTA never asked Antea Group why they were going to use a 5% solution. He added that they never challenged what Antea Group was proposing. The MTA's only concern was that the treatment solutions not contact the subway tunnel. Ms. Kong stated that they wanted sentinel wells installed (which Antea Group did). Antea Group told them that they modeled the injections and had confidence in the model. Mr. Braithwaite said that he went to the site twice to witness the injections. Mr. Dul stated that the MTA simply doesn't want anything getting near the concrete. As long as the groundwater is non-detect for persulfate, then they are happy. He added that the MTA doesn't approve the outside consultant's plans. They only accept them. With that, the conversation ended. 3/12/13 - Raphael Ketani. Mr. Meyer (consultant to BP) sent me an e-mail stating that wells OW-4A and OW-4B will be replaced today. 3/29/13 - Raphael Ketani. Mr. Meyer sent me the 3/22/13 Antea Group Progress Update Report. VEFR events took place on 2/13, 2/20 and 2/27. The wells used were OW-1A, OW-2A and OW-3A. OW-4A was not used as it had been destroyed. No NAPL was recovered during any of the events. Vapor concentrations in the wells were typically less than 100 ppm during each of the VEFR events. Groundwater was sampled on 2/27 and 3/7 from OW-1A, OW-1B, OW-2B and OW-3B. BTEX was very high in all of the samples and was up to 9840 ppb. Total VOCs ranged up to 11,321 ppb. The SVOCs were only slightly elevated. On 3/12/13, OW-4A-R and OW-4B-R were installed. 5/9/13 - Raphael Ketani. I spoke to Mr. Meyer (914) 495-9937 today regarding progress at the site. He said that Mr. Naftali, the owner, had replaced two wells that his construction crew had damaged. Presently, Antea is working on a work plan to install 6 new wells for groundwater monitoring and product/groundwater recovery. He said that these new wells will be straight instead of curved and so they will be able to do VEFRing. All of the wells will be installed along 4th Avenue. From the excavation along the sidewalk which took place in the past, Antea now knows where the utilities are. So they will be able to hand clear past the utilities and install the wells. Mr. Meyer said that he had the draft work plan on his desk. The final plan will be sent to the DEC soon. 6/24/13 - Raphael Ketani. I reviewed the 6/20/13 Well Installation Work Plan Notification. Antea Group plans to install up to 11 wells. Five of the wells will be installed in the existing 12 inch diameter sampling ports in the basement, SB-33 to SB-37. Three additional dual nested well clusters are also proposed along 4th Avenue. Each cluster will have a shallow screen from 5 to 20 bgs and a deep screen from 20 to 30 feet bgs. The wells will be 4 inches in diameter. The work is scheduled to start in late July. I approved the work plan with one comment. Th the nested pairs of wells that will be installed along 4th Avenue. The figure enclosed in this document shows that the wells in each pair will be closely spaced laterally. The Department is concerned that this arrangement will allow for groundwater cross communication between each well. The construction must be modified in order to prevent this from happening. 8/6/13 - Raphael Ketani. As per the

KAM SERVICE CENTER INC (Continued) **1000556241**

order of Paul John, Environmental Engineer IV/Regional Re/mediation Engineer, this BP spill case is being transferred to Jeff Vought in Region 2 Spills. Mr. Vought will be the new case manager effective today. 1/11/16-Vought-Spill being managed by DEC Feng for approximately past three years. Vought as her supervisor sent email to Chris Meyer that Chris, I hope your holidays were good. As you know we had discussed having a teleconference with DEC Central Office Bureau of Technical Services (BTS) to discuss the possible closure of the two above referenced BP sites. As noted in the email chain below to Arcadis, we are waiting for additional data on their site which will take about two weeks and this data is crucial in the closure discussion of their Site with Central Office. I would respectfully request that we hold on the scheduling the 363 4th Avenue site discussion with BTS until we receive the data on 1303 Webster so that we may discuss both sites at once. This would not only be easier from a scheduling perspective, but also in that it would enable both Arcadis and Antea to learn from each other s sites in the possible closure of their own respective portfolios while ensuring consistency across all BP sites. Let us know your thoughts. 1/29/16-Vought-After further consideration, spill at 1303 Webster closed as product no longer present and plume is contained. Vought called and spoke with DEC Central Office BTS Kevin Hale and discussed this site. Vought noted that the site was characterized by: product that appeared occasionally in one monitoring well; dissolved groundwater concentrations up to 25,00ppb that were contained to one well; presence of a NYCT subway tunnel immediately adjacent to the dissolved contamination resulting in plume containment due to constant dewatering associated with the tunnel; no reports in past 15-20 years of impacts to the tunnel from the spill, development of former BP gas station with a building that encompasses entire site; installation of a SSDS and vapor barrier in new development preventing any possible impact to building occupants; repeated performance of sulfate injections and VEFR by BP and demonstration of infeasibility as per CP-51 to further reduce groundwater concentrations; and inability to further remediate possible source soils under development due to inability to penetrate vapor barrier as part of occupant protection. Feng to close spill as per Vought and Hale with standard soil contamination clause in spill closure letter approved by RSE. 2/4/2016 - As per J. Vought K. Hale on 1/29/2016, the spill is closed based on J. Vought's notes on 1/29/2016 in DEC Remark. Spill is closed. Spill closure letter to BP/Antea. "

Remarks: "TWO 4K TANKS FAILED PETRO. (1) LR = -0.448 GPH, (2) LR = GROSS."

All TTF:

Facility ID:	8901904
Spill Number:	8901904
Spill Tank Test:	1535513
Site ID:	90896
Tank Number:	Not reported
Tank Size:	0
Material:	1213A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00

KAM SERVICE CENTER INC (Continued) **1000556241**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 90896
Operable Unit ID: 929176
Operable Unit: 01
Material ID: 449628
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: True

Site ID: 90896
Operable Unit ID: 929176
Operable Unit: 01
Material ID: 2106611
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: True

SPILLS:
Name: BP SERVICE STATION 13397
Address: 363 4TH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0307900 / 2003-10-27
Facility ID: 0307900
Facility Type: ER
DER Facility ID: 82010
Site ID: 90895
DEC Region: 2
Spill Cause: Unknown
Spill Class: B3
SWIS: 2401
Spill Date: 2003-10-27
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2003-10-27
CID: 204
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported

KAM SERVICE CENTER INC (Continued) **1000556241**

Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-27
Spill Record Last Update: 2004-07-26
Spiller Name: BRAD FISHER
Spiller Company: BP SERVICE STATION 13397
Spiller Address: 363 4TH AVENUE
Spiller Company: 001
Contact Name: BRAD FISHER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 10/27/03. Ref. to spill # 8901904. YK."
Remarks: "STILL UNDER INVESTIGATION"

All Materials:
Site ID: 90895
Operable Unit ID: 874291
Operable Unit: 01
Material ID: 501426
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: KAM SERVICE CENTER INC
Handler Address: 363 4TH AVE
Handler City,State,Zip: BROOKLYN, NY 11234
EPA ID: NYD986988004
Contact Name: ALI A CEYLAN
Contact Address: 4TH AVE
Contact City,State,Zip: BROOKLYN, NY 11234
Contact Telephone: 718-499-0191
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: 4TH AVE
Mailing City,State,Zip: BROOKLYN, NY 11234
Owner Name: AMOCO OIL CO
Owner Type: Private
Operator Name: NO NAME FOUND
Operator Type: Private

KAM SERVICE CENTER INC (Continued) **1000556241**

Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

KAM SERVICE CENTER INC (Continued) **1000556241**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 555 WHARF DR
Owner/Operator City,State,Zip: NEW HAVEN, CT 06511
Owner/Operator Telephone: 203-865-1910
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KAM SERVICE CENTER INC
Legal Status: Private
Date Became Current: 20020301
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MUSTAFA CETIN
Legal Status: Private
Date Became Current: 20020301
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMOCO OIL CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 555 WHARF DR
Owner/Operator City,State,Zip: NEW HAVEN, CT 06511
Owner/Operator Telephone: 203-865-1910
Owner/Operator Telephone Ext: Not reported

KAM SERVICE CENTER INC (Continued) **1000556241**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Private
Date Became Current: 20020301
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: NORTH PETROLEUM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20061022
Handler Name: KAM SERVICE CENTER INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: KAM SERVICE CENTER INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19911213
Handler Name: NORTH PETROLEUM INC

KAM SERVICE CENTER INC (Continued) **1000556241**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20061023
Handler Name: No NCAPS ranking
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

KAM SERVICE CENTER INC (Continued) **1000556241**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19980920
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004483675

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000556241
Registry ID: 110004483675
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004483675
Name: KAM SERVICE CENTER INC
Address: 363 4TH AVE
City,State,Zip: BROOKLYN, NY 11234

379
SSE
1/4-1/2
0.427 mi.
2253 ft.

401 3RD STREET
401 3RD STREET
BROOKLYN, NY

NY LTANKS **S102672277**
N/A

Relative:
Higher

Actual:
57 ft.

LTANKS:
Name: 401 3RD STREET
Address: 401 3RD STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9310090 / 1993-11-19

401 3RD STREET (Continued) **S102672277**

Facility ID:	9310090
Site ID:	244717
Spill Date:	1993-11-11
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	1993-11-19
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1993-11-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-11-22
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	GUIDE BROS. OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	201015
DEC Memo:	""
Remarks:	"SPILL IN CELLAR IN DIRT FLOOR - SPILLER APPLIED -"

All Materials:

Site ID:	244717
Operable Unit ID:	989051
Operable Unit:	01
Material ID:	392722
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BE380 **U-HAUL** **NY LTANKS** **S102672726**
SSW **259 6TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.429 mi.
2264 ft. **Site 2 of 3 in cluster BE**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Name:	U-HAUL
Address:	259 6TH ST
City,State,Zip:	BROOKLYN, NY

U-HAUL (Continued) **S102672726**

Spill Number/Closed Date:	9412186 / 2006-03-13
Facility ID:	9412186
Site ID:	225909
Spill Date:	1994-12-12
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	aaobliga
Referred To:	Not reported
Reported to Dept:	1994-12-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-01-27
Spill Record Last Update:	2006-03-13
Spiller Name:	Not reported
Spiller Company:	U-HAUL CORP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	186468
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL BORINGS AT PROPERTY. REMEDIATION WAS RECOMMENDED TO AMERICAN HI-TECH/ALLAN MILLER. 12/2/2003 Transferred from Sangesland to Rommel 5/25/05-Vought-Received from Michael Morris (ATC 212-353-8280x345) regarding status of report review. Vought returned call and requested another copy of report be sent. New groundwater data will be collected and sent. 6/7/05-Vought-File review by Vought: Letter from American Hi-Tech (Trish Merwin)-12/15/94. American Hi-Tech has attmepted to remove two 4000 gallon and one 4000 diesel underground storage tanks from the above referenced facility. However, these tanks are encased in three feet of concrete and removal is not possible . AHT would like to abandon these tanks. Revised and Final Site Assessment Work Plan (Dames & Moore)-7/8/94. Three (4000-gallon) USTs onsite. ...the tank incoluated with the tracer gas detected in the soil gas was filled with water and not petroleum product at the time of testing. On this basis, it appears that one of the USTs may have failed the recent integrity testing . if a tank test failure is confirmed then a site assessment as desribed below will be conducted . Site assessment will include soil borings at former tankfield and at pump island. Focused Subsurface Site Investigation (ATC Associates)-2/20/01. Three 4000-gallon gasoline/diesel USTs were abandoned at the Site in 1996. Two 550-gallon gasoline USTs were removed from the Site in 1996; and three 5000-gallon fuel oil USTs were abandoned in 1998. Fifteen soil borings were performed at the site. ...ATC concludes that the former presence of gasoline and/or

U-HAUL (Continued) **S102672726**

diesel USTs has adversely affected the subsurface soil and groundwater quality at the site and that further investigation is recommended . ATC recommends that additional soil borings and groundwater monitoring wells be installed tat the Site to further delineate soil and groundwater conditions . In 1995 approximately 49.25 tons of impacted soil was removed from the Site. Sixteen soil samples and six groundwater samples were collected. Soil analyticals show 20200ppb 1,2,4-trimethylbenzene(B1 11.5-12.5'bg), 3950ppb xylene(B2 12-13'bg), 908ppb benzene(B7 6-7'bg), 15800ppb ethylbenzene(B7 6-7'bg), 141000ppb 1,2,4-trimethylbenzene(B7 6-7'bg), 305ppb benzene(B8 11.5-12.5'bg), 78.4ppb benzene(B9 11-12'bg), 177ppb MTBE(B9 11-12'bg), 135ppb benzene(B10 10-11'bg), 75ppb benzene(B12 6.5-7.5'bg), 64ppb benzene(B13 12.5-13.5'bg). Analyticals also show high SVOCs at B6 19-20'bg such as 126000ppb flouranthene, 156000ppb phenanthrene, 38400ppb benzo(b)fluoranthene. Boring l coal fragments, cinders and ash in layers . Groundwater analyticals show 193ppb MTBE(UHP 1W), 38ppb MTBE(UHP 8W). Groundwater Investigation (ATC Associates)-6/3/02. Installation of six monitoring wells. The lack of contamination in the upgradient sample from MW4 along with the calculated groundwater flow direction indicated that the former gas station locations both onsite and offsite at the intersection of Fourth Avenue and Sixth Street have not contributed to the groundwater contamination at this Site . No active USTs onsite. Therefore steady state equilibrium has been reached between the contamination present in the soil and groundwater resulting in attenuation of the contamination by the mechanism of sorption, degradation and dilution . ATC request No Further Action. Groundwater at depth of 15-17' below grade and flow to the north. Groundwater analyticals show 7.4ppb 1,2,4-trimethylbenzene(MW1), 109ppb MTBE(MW1), 10ppb MTBE(MW2), 5ppb ethylbenzene(MW5), 15ppb xylene(MW5), 30ppb MTBE(MW5), 19ppb MTBE(MW6). Limited Groundwater Investigation(ATC Associates)-6/2/05. ...ATC personnel attempted to collect groundwater samples from six onsite groundwater monitoring wells; however, ATC could only locate five of the wells . Groundwater at depth of 15 feet below grade and flow to the north. Report recommends No Further Action. Groundwater analyticals show 140ppb benzene(MW3), 12ppb ethylbenzene(MW3) and 12ppb MTBE(MW4). 6/7/05-Vought-Called Michael Morris and required that 1)he provided suspected source of groundwater contamination in MW3 2)continue quarterly monitoring of groundwater 3)submit surrounding area site plan. Vought sent letter stating same. 9/26/05- Obligado - FILE TRANFERRED FROM VOUGHT TO OBLIGADO 10/20/05 - Obligado - Received phone call from Michael Morris. Requesting status of closure report review. Told him had not been reviewed yet but would look at it in near future. 10/28/05 - Obligado - Review Limited Remedial Investigation Report. Gasoline service station 363 4th avenue east of site across 4th Ave with open spill number 9606963. further, although sensitive receptors, including the Gowanas Canal, residential development, schools, et.c, were observed in the area, none of these receptors are suspected to be impacted as a results of the limited impacted groundwater at the Site. Ground water analyticals from 5 wells: 118 ppb benzene (mw3), 7.58 ppb ethylbenzene (mw3), 10.5 ppb MTBE (MW5). NFA rejected. Require 1) continued quarterly groundwater monitoring, and include MW6 in monitoring network. 2) Include Gowanus Canal on Surrounding Area Site plan. Call Michael Moore, inform him of above requirements. 3/13/06 - Obligado - Review report from ATC, dated January 23, 2006. Subway line approximately 30 to 40 ft bgs and

U-HAUL (Continued) **S102672726**

upgradient, ATC doesn't suspect any impact to subway line. Ground water sampled on 11/18/05 and 1/4/06. On 11/18/05, the only BTEX compound is xylene at 5.98 ppb in MW2 and MTBE is 27.7 ppb at MW3. MW-6 not sampled. On 1/4/06, no BTEX compounds were detected in anywells, MTBE was detected at MW3, MW4, MW5, and MW6, with max at MW6 of 353 ppb. Conclusions: - No odor, sheen, or floating product was observed, and no sensitive receptors appear to be impacted by the groundwater beneath the site. BTEX concentrations have decreased to non-detect. Request no further action. Discussed site with J.Sun on 3/10/06. Agree to grant no further action. "

Remarks: "SOIL DISOCVERED IN TANK PULLS -TANKS ARE VAULTED IN CONCRETE. JACOB KRIMGOLD WAS AT SITE ."

All Materials:

Site ID:	225909
Operable Unit ID:	1009931
Operable Unit:	01
Material ID:	374516
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

BD381 **DEL'S AUTO REPAIR** **NY LTANKS** **S103037408**
West **70 2ND ST/NEW UTRECHT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.432 mi.
2279 ft. **Site 2 of 2 in cluster BD**

Relative: **Higher**
Actual: **33 ft.**

LTANKS:

Name:	DEL'S AUTO REPAIR
Address:	70 2ND ST/NEW UTRECHT AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9713407 / 2003-03-03
Facility ID:	9713407
Site ID:	319396
Spill Date:	1998-03-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1998-03-03
CID:	371
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0

DEL'S AUTO REPAIR (Continued) **S103037408**

Date Entered In Computer: 1998-03-03
Spill Record Last Update: 2003-04-03
Spiller Name: Not reported
Spiller Company: DEL'S AUTO REPAIR
Spiller Address: 70 2ND ST/NEW UTRECHT AVE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 257321
DEC Memo: ""
Remarks: "called in by calco to test tank - failed. no obvious spillage."

All TTF:
Facility ID: 9713407
Spill Number: 9713407
Spill Tank Test: 1545649
Site ID: 319396
Tank Number: Not reported
Tank Size: 550
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 319396
Operable Unit ID: 1059371
Operable Unit: 01
Material ID: 324425
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

BB382 **S & S WATER COMPANY** **NY SPDES** **S104789732**
SW **107 6TH STREET** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11222** **NY SWF/LF**
0.433 mi.
2284 ft. **Site 3 of 5 in cluster BB**

Relative:
Lower

Actual:
8 ft.

SWF/LF:

Name:	CONTAINER SERVICE CORP.
Address:	107 6TH STREET
City,State,Zip:	BROOKLYN, NY 11231
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	UNKNOWN
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T39]
Active:	No
East Coordinate:	585400
North Coordinate:	4503100
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2.610300203e+014
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	GOWANAS 6TH ST BASIN
Address:	107 6TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0007253 / 2003-02-13
Facility ID:	0007253
Facility Type:	ER
DER Facility ID:	151336
Site ID:	298822
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-09-20
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2000-09-20
CID:	208

S & S WATER COMPANY (Continued) **S104789732**

Water Affected: GAWANAS 6TH ST BASIN
Spill Source: Unknown
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-09-20
Spill Record Last Update: 2004-02-23
Spiller Name: Not reported
Spiller Company: BERNIE BODERICK
Spiller Address: 71 HAUSMAN ST
Spiller Company: 001
Contact Name: HOWARD ORAMA
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 2/13/2003 - Closed Due To The Nature / Extent Of The Spill Report"
Remarks: "two concrete slabs were dumped into the above location - subj issued appearance tickets for same by nyc sanitation pd "

All Materials:
Site ID: 298822
Operable Unit ID: 828119
Operable Unit: 01
Material ID: 548349
Material Code: 0507A
Material Name: concrete products
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0030011 / 2003-09-08
Facility ID: 0030011
Facility Type: ER
DER Facility ID: 151336
Site ID: 180433
DEC Region: 2
Spill Cause: Housekeeping
Spill Class: B1
SWIS: 2401
Spill Date: 2000-07-05
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 2000-07-05
CID: Not reported
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: DEC
Cleanup Ceased: Not reported

S & S WATER COMPANY (Continued) **S104789732**

Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-07-05
Spill Record Last Update: 2003-09-08
Spiller Name: Not reported
Spiller Company: DAVID STEIER
Spiller Address: 94 HAUSMAN STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "Removing tanks and dumping soil into Canal."

All Materials:
Site ID: 180433
Operable Unit ID: 836580
Operable Unit: 01
Material ID: 540901
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: SPILL NUMBER 0030027
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0030027 / 2003-10-31
Facility ID: 0030027
Facility Type: ER
DER Facility ID: 151336
Site ID: 180434
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 2000-11-13
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2000-11-13
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-11-13
Spill Record Last Update: 2003-10-31

S & S WATER COMPANY (Continued) **S104789732**

Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: 107 6TH STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO CROSS STREETS: FIFTH STREET AND SECOND AVE. 10/31/03 TJD Old surface water spill. No further action possible. Spill closed."
Remarks: "ECO SMITH NOTICED SHEEN ON GOWANUS CANAL POSSIBLY COMING FROM SPILL LOCATION. WALL COLLAPSE INTO GOWANUS CANAL. POSSIBLE FORMER PBS FACILITY. DEC TO NOTIFY USCG. T "

All Materials:
Site ID: 180434
Operable Unit ID: 835561
Operable Unit: 01
Material ID: 540920
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 107 6TH STREET
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8700241 / 1987-04-09
Facility ID: 8700241
Facility Type: ER
DER Facility ID: 151336
Site ID: 180435
DEC Region: 2
Spill Cause: Deliberate
Spill Class: A1
SWIS: 2401
Spill Date: 1987-04-08
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1987-04-08
CID: Not reported
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: DEC
Cleanup Ceased: 1987-04-09
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1987-04-14
Spill Record Last Update: 2003-09-08
Spiller Name: Not reported
Spiller Company: OLYMPIC ENVIR. SERVICES
Spiller Address: Not reported

S & S WATER COMPANY (Continued) **S104789732**

Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "TANK TRUCK SPILL. DEC WAS CALLED IN FOR TESTING. DEC, DEP, AND COAST GUARD. DEP DID SAMPLING."

All Materials:
Site ID: 180435
Operable Unit ID: 904825
Operable Unit: 01
Material ID: 470249
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 180435
Operable Unit ID: 904825
Operable Unit: 01
Material ID: 470248
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: S & S WASTE WATER
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9405982 / 2003-10-21
Facility ID: 9405982
Facility Type: ER
DER Facility ID: 151336
Site ID: 180436
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 2401
Spill Date: 1994-08-02
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1994-08-02
CID: Not reported
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

S & S WATER COMPANY (Continued) **S104789732**

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-10-19
Spill Record Last Update: 2003-10-21
Spiller Name: Not reported
Spiller Company: S & S WASTE WATER
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "TRANSFERRING OIL FROM TANK TO TRAILER-TRAILER LEAKING OIL. NO ACTION TAKEN-DEC TRYING TO GET IN TOUCH WITH RESPONSIBLE PARTY. SPILL CLEANED UP BY S & S WASTE WATER CO. DAVID STEIER FACILITY REP."

All Materials:
Site ID: 180436
Operable Unit ID: 1000241
Operable Unit: 01
Material ID: 382549
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9406805 / 2003-09-08
Facility ID: 9406805
Facility Type: ER
DER Facility ID: 151336
Site ID: 180437
DEC Region: 2
Spill Cause: Vandalism
Spill Class: B1
SWIS: 2401
Spill Date: 1994-08-19
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1994-08-19
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-10-20
Spill Record Last Update: 2003-09-08
Spiller Name: Not reported

S & S WATER COMPANY (Continued) **S104789732**

Spiller Company: DAVID STEIER
Spiller Address: 94 HAUSMAN STREET
Spiller Company: 001
Contact Name: DAVID STEIER
DEC Memo: ""
Remarks: "BECI Conducting Investigation found abandoned Oil Terminal."

All Materials:
Site ID: 180437
Operable Unit ID: 1001171
Operable Unit: 01
Material ID: 379836
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 180437
Operable Unit ID: 1001171
Operable Unit: 01
Material ID: 379835
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9407020 / 2003-09-08
Facility ID: 9407020
Facility Type: ER
DER Facility ID: 151336
Site ID: 180438
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: B1
SWIS: 2401
Spill Date: 1994-08-24
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1994-08-24
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Federal Government
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported

S & S WATER COMPANY (Continued) **S104789732**

Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-10-21
Spill Record Last Update: 2003-09-08
Spiller Name: Not reported
Spiller Company: DAVID STEIER
Spiller Address: 94 HAUSMAN STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "CREW PUMPING OIL OUT OF TANK FOR POSSIBLE REPAIR-GOING INTO BASIN-NYC DEP WAS NOTIFIED-U.S.C.G. TO SEND BOAT IF POSSIBLE."

All Materials:
Site ID: 180438
Operable Unit ID: 1004442
Operable Unit: 01
Material ID: 380042
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPDES:

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY 11222
Permit Number: NY0201065
State-Region: 02
Expiration Date: 08/01/2000
Current Major Minor Status: Minor
Primary Facility SIC Code: 5093
State Water Body Name: GOWANUS CANAL
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: 40.675139 / -73.993667
DMR Cognizant Official: DAVID STEIER
UDF2: 001701
UDF3: SD
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: S & S WATER COMPANY
Non-Gov Permit Street Address: S & S WATER COMPANY
Non-Gov Permit Supplemental Location: 94 HAUSMAN STREET
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11222

S & S WATER COMPANY (Continued) **S104789732**

Non-Gov Facility Affiliation Type Desc: Mailing Address
Non-Gov Facility Org Formal Name: S & S WATER COMPANY
Non-Gov Facility Street Address: S & S WATER COMPANY
Non-Gov Facility Supplemental Location: 107 6TH STREET
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11222
State Water Body: 02030201010
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY 11222
UDF2: 001701
UDF3: SD
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: S & S WATER COMPANY
Non-Gov Permit Street Address: S & S WATER COMPANY
Non-Gov Permit Supplemental Location: 94 HAUSMAN STREET
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11222
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: S & S WATER COMPANY
Non-Gov Facility Street Address: S & S WATER COMPANY
Non-Gov Facility Supplemental Location: 94 HAUSMAN STREET
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11222
State Water Body: 02030201010
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY 11222
UDF2: 001701
UDF3: SD
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: S S WATER COMPANY

S & S WATER COMPANY (Continued) **S104789732**

Non-Gov Permit Street Address: 94 HAUSMAN ST
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11222
Non-Gov Facility Affiliation Type Desc: Mailing Address
Non-Gov Facility Org Formal Name: S & S WATER COMPANY
Non-Gov Facility Street Address: S & S WATER COMPANY
Non-Gov Facility Supplemental Location: 107 6TH STREET
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11222
State Water Body: 02030201010
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: S & S WATER COMPANY
Address: 107 6TH STREET
City,State,Zip: BROOKLYN, NY 11222
UDF2: 001701
UDF3: SD
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: S S WATER COMPANY
Non-Gov Permit Street Address: 94 HAUSMAN ST
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11222
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: S & S WATER COMPANY
Non-Gov Facility Street Address: S & S WATER COMPANY
Non-Gov Facility Supplemental Location: 94 HAUSMAN STREET
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11222
State Water Body: 02030201010
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

BC383 **LOT 29,TAXBLOCK 191** **NY E DESIGNATION** **S110045441**
NNE **490 PACIFIC STREET** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.436 mi.
2304 ft. **Site 2 of 2 in cluster BC**

Relative:
Higher

Actual:
31 ft.

LTANKS:

Name:	BETHLEHEM CHURCH TTF
Address:	490 PACIFIC ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0908933 / 2010-09-30
Facility ID:	0908933
Site ID:	421597
Spill Date:	2009-11-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	2009-11-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-11-09
Spill Record Last Update:	2010-09-30
Spiller Name:	JOHN LITKE
Spiller Company:	BETHLEHEM CHURCH
Spiller Address:	490 PACIFIC ST
Spiller County:	999
Spiller Contact:	TJ OCONNOR
Spiller Phone:	(516) 678-5115
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	370559
DEC Memo:	"09/30/10 - LZ Reviewed correspondence (eDocs) from Bethlehem Lutheran Church concerning repairs done to the tank after it failed the tightness test. After the fill line had been replaced, the tank passed the tightness test. Obviously, the tank is located in a subterranean vault without access, but the UIS shows the tank as aboveground (see cross-reference). Sent out a spill closure letter that contains a requirement for tank information correction. The spill case is closed. 11/24/2009 TTF letter sent to: Rev. Paul Knudsen Bethlehem Lutheran Church 490 Pacific Street Brooklyn, NY 11217"
Remarks:	"TANK TEST FAILURE ON A 1500 GALLON UST."

All Materials:

Site ID:	421597
Operable Unit ID:	1177483
Operable Unit:	01
Material ID:	2170277
Material Code:	0001A
Material Name:	#2 fuel oil

LOT 29,TAXBLOCK 191 (Continued) **S110045441**

Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

E DESIGNATION:
Name: LOT 29,TAXBLOCK 191
Address: 490 PACIFIC STREET
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 29
Tax Block: 191
Borough Code: Not reported
E-No: E-273
Effective Date: 9/21/2011
Satisfaction Date: Not reported
Ceqr Number: 11DCP110K
Ulurp Number: 110252ZMK
Zoning Map No: 16c

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

BB384 **106 6TH ST** **NY LTANKS** **S102660664**
SW **106 6TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.440 mi.
2323 ft. **Site 4 of 5 in cluster BB**

Relative:
Lower

Actual:
9 ft.

LTANKS:
Name: 106 6TH ST
Address: 106 6TH ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9502574 / 1995-05-31
Facility ID: 9502574
Site ID: 153670
Spill Date: 1995-05-31
Spill Cause: Tank Failure
Spill Source: Unknown
Spill Class: C4
Cleanup Ceased: 1995-05-31
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1995-05-31
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False

106 6TH ST (Continued) **S102660664**

Remediation Phase:	0
Date Entered In Computer:	1995-06-07
Spill Record Last Update:	2003-01-23
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	130358
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"4 BARRELS ABANDONED - POSS. CONTAINING HAZARDOUS MATERIAL - NOT LEAKING - REFER TO NYCDEP HAZMAT"

All Materials:

Site ID:	153670
Operable Unit ID:	1016982
Operable Unit:	01
Material ID:	367631
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BB385 **BKLYN UNION GAS /CITIZENS GATE STA** **SEMS-ARCHIVE** **1003863865**
SW **6TH ST & 2ND AVE** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.440 mi.
2325 ft. **Site 5 of 5 in cluster BB**

Relative:
Lower

Actual:
8 ft.

SEMS Archive:

Site ID:	0201995
EPA ID:	NYD980532212
Name:	BKLYN UNION GAS /CITIZENS GATE STA
Address:	6TH ST & 2ND AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11215
Cong District:	14
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201995
EPA ID:	NYD980532212
Site Name:	BKLYN UNION GAS /CITIZENS GATE STA
NPL:	N
FF:	N
OU:	00

BKLYN UNION GAS /CITIZENS GATE STA (Continued) **1003863865**

Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1986-09-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0201995
EPA ID: NYD980532212
Site Name: BKLYN UNION GAS /CITIZENS GATE STA
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-09-05 04:00:00
Finish Date: 1986-09-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201995
EPA ID: NYD980532212
Site Name: BKLYN UNION GAS /CITIZENS GATE STA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

386
SW
1/4-1/2
0.449 mi.
2371 ft.

BUG, CITIZENS GATE STATION **NY HSWDS** **S108147010**
6TH STREET AND 2ND AVENUE **N/A**
BROOKLYN, NY 11215

Relative:
Lower

Actual:
8 ft.

HSWDS:
Facility ID: Not reported
Region: 2
Facility Status: Unknown
Owner Type: Publ Utily
Owner: Brooklyn Union Gas Co.
Owner Address: 195 Montague Street
Owner Phone: (718)403-3053
Operator Type: Unknown
Operator: Unknown
Operator: Unknown
Operator Phone: Unknown
EPA ID: NYD980532212

BUG, CITIZENS GATE STATION (Continued) **S108147010**

Registry: Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID: Unknown
RCRA Permitted: Unknown
Site Code: Coal Gasification Plant
Owner City State: Brooklyn
Operator City State: Not reported
Quadrange: Unknown
Latitude: 40 40 30 N
Longitude: 73 59 30 W
Acres: 0.00
Operator Date: 1981
Close Date: Unknown
Completed: PA
Active: Unknown
PCB's Disposed: Unknown
Pesticides Disposed: No
Metals Disposed: No
Asbestos Disposed: No
Volatile Organic Compounds Disposed: No
Semi Volatile Organic Compounds Disposed: No
Analytical Info Exists for Air: Not reported
Analytical Info Exists for Ground: None
Analytical Info Exists for Surface: Not reported
Analytical Info Exists for Sediments: Not reported
Analytical Info Exists for Surface: Not reported
Analytical Info Exists for Substance: Not reported
Analytical Info Exists for Waste: Not reported
Analytical Info Exists for Leachate: Not reported
Analytical Info Exists for EP Toxicity: Not reported
Analytical Info Exists for TCLP: Not reported
Threat to Environment/Public Health: Environmental
Surface Water Contamination: Unknown
Surface Water Body Class: Unknown
Groundwater Contamination: Unknown
Groundwater Classification: Unknown
Drinking Water Contamination: Unknown
Drinking Water Supply is Active: Unknown
Any Known Fish or Wildlife: Unknown
Hazardous Exposure: Unknown
Site Has Controlled Acess: Unknown
Ambient Air Contamination: Unknown
Direct Contact: Unknown
EPA Hazardous Ranking System Score: Unknown
Inventory: F
Nefrap: Not reported
Mailing: Not reported
Tax Map No: Not reported
Qualify: 0
Next Action: Not reported
Agencies: Not reported
Air: Not reported
Building: Not reported
Site Desc: Not reported
Drink: Not reported
Eptox: Not reported
Fish: Not reported
Ground: Not reported

BUG, CITIZENS GATE STATION (Continued) **S108147010**

Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

BE387 **FERRANTINO & CO** **NY LTANKS** **S102659626**
SSW **278 6TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.452 mi.
2388 ft. **Site 3 of 3 in cluster BE**

Relative: LTANKS:
Higher

Name:	FERRANTINO & CO
Address:	278 6TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9705330 / 2011-08-01
Facility ID:	9705330
Site ID:	304152
Spill Date:	1997-08-01
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	VSZHUNE
Referred To:	Not reported
Reported to Dept:	1997-08-01
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1997-08-01
Spill Record Last Update:	2011-08-02
Spiller Name:	VINCENT SAVINO
Spiller Company:	FERRANTINO & CO
Spiller Address:	278 6TH ST
Spiller County:	001
Spiller Contact:	VINCENT SAVINO
Spiller Phone:	(718) 499-6000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	245736
DEC Memo:	"4/10/06, Dyber: Received signed STIP. 3/30/06, Dyber: Sent STIP to Ken Mikkelson. 3/22/06, Dyber: Left message for Ken Mikkelson of Rosma Development. I said that I want to send him a STIP agreement.

Actual:
29 ft.

FERRANTINO & CO (Continued) **S102659626**

02/21/06. J.Krimgold received a call from Billy Maysonet (Brothers Environmental) stating the his co. is a consultant for a current property owner. The owner is planing to redevelop the site and is willing to take steps necessary to close the spill case. However, they would like a letter or a phone call for directions. The owner's info: Attn. Mark Yonger M&N Development Corp. 65 Taaffe Place Brooklyn, NY 11205 (718)403-0900 The consultant info: Attn. Billy Maysonet Brothers Environmental 610 Underhill Avenue Bronx, NY 10473 877-839-6009 End JK. 8/18/05, Dyber: Ferrantino has not called back. Refer back to region. 8/02/05, Dyber: No call back from Ferrantino - left another message. 7/26/05, Dyber: Left message for Mark Ferrantino. 7/21/05, Dyber: Called Ferrantino Fuel Corp, 180 9th st, Brooklyn 11215-3111, 718-832-6700. Secretary told me to speak to Mark Ferrantino and call back next Tuesday. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill was reassigned from DEC Sigona to Rommel on January 7, 2004. 02/21/06. J.Krimgold received a call from Billy Maysonet (Brothers Environmental) stating the his co. is a consultant for a current property owner. The owner is planing to redevelop the site and is willing to take steps necessary to close the spill case. However, they would like a letter or a phone call for directions. The owner's info: Attn. Mark Yonger M&N Development Corp. 65 Taaffe Place Brooklyn, NY 11205 (718)403-0900 The consultant info: Attn. Billy Maysonet Brothers Environmental 610 Underhill Avenue Bronx, NY 10473 877-839-6009 End JK. 09/26/06 this case was transfer from Albany to Region 2. 10/2/06-Zhune called Rosma develpoment spoke to Joe Weiss. He told me that ken Mikkelson is no longer working for this company. He asked me to sent the stipulation letter copy to: Rosma Devepolment 199 Lee Ave Apt # 287 Brooklyn, NY 11211 Att: Joe Weiss 10/2/06-Zhune called Dyber. He doesn't have estipulation letter in his recods. 10/2/06. A copy of Stipulation letter signed was sent to Joe Weiss above address. 08/22/09- Zhune spoke to Dennis Goldstein from Ferrantino & Co. He need ccpies of stipulation and spill report. I said I will fax them. 04/14/10- Zhune spoke to Mike Taylor (Service Manager) from Ferrantino & CO 718-832-6700. He said Ferrantino sold the propety in 2005. The tanks were closed and soil invetigation was performed. The new owner knocked down the biulding. He plan to do something else. Mike will contact the company that closure the tanks and he will call back. 05/28/10-Zhune called Mike Taylor for three weeks in a road. Everytime that I spoke to him he said I will call you back with name of company and he never called back. 05/28/10-The Petroleum Bulk Storage facility report show four tanks closed in 2008. 001 550 gal. Kerosene 002 275 #2 heating oil 003 4000 Diesel 004 4000 Gasoline 08/01/2011- Fenley & Nicol Environmental sent the subsurface investigation report, dated June 10,2011. The result of GPR survey did not revealed anomalies consistent with the presence of UST sytem. Apparently the UST system and pump island have been removed in August 2007 during demolition of structure On March 21 to 28, 2011 F&N installed thirteen(13) soil probes, three temporary wells and three monitoring wells. The analitycal soil results indicates one VOCs (1,2,4 Trimethylbenzene 6000 ug/kg in sample Sp-10(10-15') detected above the NYSDEC Soil Cleanup Guidance values and some SVOCS detected below the NYSDEC Soil Cleanup Guidance value. The groundwater results indicates that TW-2 had Isopropyltoluene and sec-Buthylbenzene exceedence of 10 ug/lt and 74 ug/lt respectively. TW-3 had secbulthylbenzene exceedence of 32 ug/lt. MW-2 had no exceedence and no VOCs were detected in monitoring wells MW-1 and

FERRANTINO & CO (Continued) **S102659626**

MW-3. Groundwater flow direction was found to be southwesterly direction. Spill Closed. . "

Remarks: "IN PROCESS OF SEPARATING PIPING FROM TANKS AND ISOLATING IN ORDER TO CONTINUE INVESTIGATION"

All Materials:

Site ID:	304152
Operable Unit ID:	1048582
Operable Unit:	01
Material ID:	334552
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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388 **430 PACIFIC STREET** **NY LTANKS** **S108957698**
North **430 PACIFIC STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.460 mi.
2431 ft.

Relative:
Higher

Actual:
30 ft.

LTANKS:

Name:	430 PACIFIC STREET
Address:	430 PACIFIC STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0707748 / 2007-10-15
Facility ID:	0707748
Site ID:	388499
Spill Date:	2007-10-15
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-10-15
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Not reported
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-10-15
Spill Record Last Update:	2007-10-15
Spiller Name:	JOHN PETRINO
Spiller Company:	Not reported
Spiller Address:	430 PACIFIC STREET
Spiller County:	001
Spiller Contact:	JOHN PETRINO
Spiller Phone:	(718) 717-4023

430 PACIFIC STREET (Continued) **S108957698**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 338014
DEC Memo: "minor spill - PTC says it's all cleaned up."
Remarks: "ABOUT 1 CUP AND ALL CLEANED UP AND HAS BEEN VACCED OUT"

All Materials:
Site ID: 388499
Operable Unit ID: 1145673
Operable Unit: 01
Material ID: 2136005
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

BF389 **66 FOURTH STREET** **NY UST** **U003749712**
WSW **66 4TH STREET** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11215**
0.463 mi.
2444 ft. **Site 1 of 2 in cluster BF**

Relative:
Lower

Actual:
15 ft.

LTANKS:
Name: SPILL NUMBER 0106619
Address: 66 4TH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0106619 / 2003-11-17
Facility ID: 0106619
Site ID: 228322
Spill Date: 2001-09-25
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2001-09-25
CID: 396
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-09-25
Spill Record Last Update: 2003-11-17
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: NEW YORK PETROLIUM AND DR

66 FOURTH STREET (Continued) **U003749712**

Spiller Phone: (516) 338-0626
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 79057
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 11/17/03 TJD Consolidating open spills on property. Spill closed and cross referenced to spill #0106920."
Remarks: ""

All TTF:
Facility ID: 0106619
Spill Number: 0106619
Spill Tank Test: 1526625
Site ID: 228322
Tank Number: 1
Tank Size: 550
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 228322
Operable Unit ID: 843675
Operable Unit: 01
Material ID: 531465
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Name: 66 FOURTH STREET
Address: 66 4TH STREET
City,State,Zip: BROOKLYN, NY 11215
Id/Status: 2-604660 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 585057.06247
UTM Y: 4503373.22674
Site Type: Other

Affiliation Records:

66 FOURTH STREET (Continued) **U003749712**

Site Id:	26531
Affiliation Type:	Facility Owner
Company Name:	ALFONSO FIGLIOLIA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	50 21ST STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11232
Country Code:	001
Phone:	(718) 965-6000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26531
Affiliation Type:	Mail Contact
Company Name:	SUNSET INDUSTRIAL PARK ASSOC.
Contact Type:	Not reported
Contact Name:	ALFONSO FIGLIOLIA
Address1:	50 21ST STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11232
Country Code:	001
Phone:	(718) 965-6000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26531
Affiliation Type:	Facility Operator
Company Name:	66 FOURTH STREET
Contact Type:	Not reported
Contact Name:	AL FIGLIOLIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-6000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26531
Affiliation Type:	Emergency Contact
Company Name:	ALFONSO FIGLIOLIA
Contact Type:	Not reported
Contact Name:	AL FIGLIOLIA
Address1:	Not reported

66 FOURTH STREET (Continued) **U003749712**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 965-6000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 0001
Tank ID: 58472
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: 06/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 0002
Tank ID: 58473
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: 06/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

66 FOURTH STREET (Continued) **U003749712**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 0003
Tank ID: 58474
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: 06/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 0004
Tank ID: 58475
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: 06/01/2000

66 FOURTH STREET (Continued) **U003749712**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

---

390 ESE 1/4-1/2 0.465 mi. 2453 ft.

124 LINCOLN PLACE
124 LINCOLN PLACE
BROOKLYN, NY

NY LTANKS **S101658343**
N/A

Relative: Higher

Actual: 78 ft.

LTANKS:

Name: 124 LINCOLN PLACE
Address: 124 LINCOLN PLACE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9502716 / 1995-06-02
Facility ID: 9502716
Site ID: 145166
Spill Date: 1995-06-02
Spill Cause: Tank Failure
Spill Source: Vessel
Spill Class: C3
Cleanup Ceased: 1995-06-02
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1995-06-02
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-06-15
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: TNS TRUCKING CO, INC

124 LINCOLN PLACE (Continued) **S101658343**

Spiller Address: 53 2ND STREET
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 123713
DEC Memo: ""
Remarks: "WHILE MAKING A DELIVERY, FUEL CAME OUT OF VENT CAUSING SPILL OF 10 GALS OF #2 FUEL - ALL HAS BEEN CLEANED UP OFF CEMENT FLOOR"

All Materials:
Site ID: 145166
Operable Unit ID: 1013936
Operable Unit: 01
Material ID: 367773
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: 10.00
Oxygenate: Not reported

391
WSW
1/4-1/2
0.465 mi.
2456 ft.

IESI (110 5TH ST.)(SPARTAN DISMANTLING INC) **NY SWF/LF** **S110540477**
110 5TH STREET **NY Spills** **N/A**
BROOKLYN, NY 11215

Relative:
Lower

Actual:
0 ft.

SWF/LF:
Name: IESI (110 5TH ST.)(SPARTAN DISMANTLING INC)
Address: 110 5TH STREET
City,State,Zip: BROOKLYN, NY 11215
Flag: INACTIVE
Region Code: 2
Phone Number: 7185222263
Owner Name: IESI NY Corp
Owner Type: Private
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Robert Mrose
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [24TA6]
Active: No
East Coordinate: 585160
North Coordinate: 4503211
Accuracy Code: Not reported

IESI (110 5TH ST.)(SPARTAN DISMANTLING INC) (Continued) **S110540477**

Regulatory Status: Permit
Waste Type: Asbestos (Friable)
Authorization #: 2-6103-00091
Authorization Date: 6/8/1993
Expiration Date: 6/8/2003
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

SPILLS:
Name: ROAD
Address: 110 5TH ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1006165 / 2010-09-07
Facility ID: 1006165
Facility Type: ER
DER Facility ID: 394511
Site ID: 439511
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 2401
Spill Date: 2010-09-04
Investigator: hrpatel
Referred To: Not reported
Reported to Dept: 2010-09-04
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2010-09-04
Spill Record Last Update: 2010-09-07
Spiller Name: Not reported
Spiller Company: CNA PROPERTIES
Spiller Address: Not reported
Spiller Company: 999
Contact Name: RICARD RIBELLINO
DEC Memo: "09/07/10-Hiralkumar Patel. spoke with Richard (at 10:05 AM on 09/04/10). Richard mentioned that a broken machine was located in front of 22 2nd ave. this machine was leaking fluids. and then someone moved that machine to in front of 110 5th street and leaked fluid along the way. visited site this morning. met Richard. found an old excavator in front of 110 5th Street. found strech of oil stains on asphalt street from the intersection of 5th street and 2nd ave to the location of excavator in front of 110 5th street. found minor oil spill around tracks of the excavator. spoke with Hasan, person working in the garage at the 110 5th street site. Hasan mentioned that when he left garage friday evening, nothing was there, but the excavator was in front of garage on saturday morning. as per Richard, Jack Marmursteio (718-875-8200) owns the exacavator. but Jack denied that and doesn't know who owns it. found information written on

IESI (110 5TH ST.)(SPARTAN DISMANTLING INC) (Continued) **S110540477**

machine which includes 'Precinct 76' and 'Row Tow' with date 09/03/10. spoke with operator at precinct 76 (718-834-3211), who confirmed that they had received a complaint of an abandoned machine and they put tag for tow company to remove it. as per retire NYPD officer, generally sanitation department removes these kind of abandoned vechicles to junk yard. but looks like someone moved the machine before sanitation removes it. spoke with NYPD operator again and informed him about new location of machine. he confirmed that machine will be removed, but doesn't know when. after discussing with DEC Austin, case closed."

Remarks: "Caller advised that approximately 10 gallons of hydraulic oil and 10 gallons of diesel fuel spilled onto roadway spanning a 2 block area from 22 2nd ave to 110 5th st."

All Materials:

Site ID:	439511
Operable Unit ID:	1190149
Operable Unit:	01
Material ID:	2185117
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

392
SE
1/4-1/2
0.468 mi.
2472 ft.

SPILL NUMBER 9804333
705 CARROLL STREET
BROOKLYN, NY

NY LTANKS **S100782331**
NY Spills **N/A**

Relative:
Higher

Actual:
86 ft.

LTANKS:

Name:	705 CARROLL STREET
Address:	705 CARROLL STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9311807 / 1994-01-05
Facility ID:	9311807
Site ID:	213345
Spill Date:	1994-01-05
Spill Cause:	Tank Failure
Spill Source:	Unknown
Spill Class:	B3
Cleanup Ceased:	1994-01-05
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1994-01-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

SPILL NUMBER 9804333 (Continued) **S100782331**

Remediation Phase: 0
Date Entered In Computer: 1994-01-07
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: MS. NELLIE
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 176754
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 10/10/95: This is additional information about material spilled from the translation of the old spill file: 3'' OF OIL."
Remarks: "FUEL CO. DELIVERED OIL - TANK RUPTURED - CAN'T REACH LANDLORD - WANTS CALL BACK ASAP - WENT TO SITE. NO PBLM, NO CONFIRMATION MEET W/ MRS DONELLE CONFIR, NO EVIDENCE OF SPILL FROM OUT SIDE BY FILLER V"

All Materials:
Site ID: 213345
Operable Unit ID: 993813
Operable Unit: 01
Material ID: 390822
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 400.00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: SPILL NUMBER 9804333
Address: 705 CARROLL STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9804333 / 1998-07-07
Facility ID: 9804333
Facility Type: ER
DER Facility ID: 176754
Site ID: 213346
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 1998-07-07
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1998-07-07
CID: 266
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False

SPILL NUMBER 9804333 (Continued) **S100782331**

Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-07-07
Spill Record Last Update: 1998-07-08
Spiller Name: PETE LEPORE
Spiller Company: WHALECO
Spiller Address: 55-60 58TH STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks: "DRIVER PARKED TRUCK, ENGAGED PTO, AND FOUND NOZZLE OPEN WHEN HE WENT TO BACK OF TRUCK. MAY HAVE OPENED FROM VEHICLE VIBRATION. ONTO PAVEMENT. CLEANED UP."

All Materials:
Site ID: 213346
Operable Unit ID: 1065209
Operable Unit: 01
Material ID: 319055
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 8.00
Units: G
Recovered: 8.00
Oxygenate: Not reported

BF393 **425 HOYT STREET** **NY BROWNFIELDS** **S117936666**
WSW **419-429 HOYT STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11231**
0.475 mi.
2506 ft. **Site 2 of 2 in cluster BF**

Relative: Higher
Actual: 19 ft.

BROWNFIELDS:
Name: 425 HOYT STREET
Address: 419-429 HOYT STREET
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 507652
Acres: 0.199
HW Code: C224224
SWIS: 2401
Town: New York City
Record Added Date: 05/08/2015
Record Updated Date: 02/03/2021
Update By: DJEATON
Site Description: "Location: The site is located in an urban area, on the southeast corner of Hoyt Street and 4th Street in the Carroll Gardens neighborhood of Brooklyn. The site is bound by 4th Street to the north, Hoyt Street to the west, multi-story industrial buildings to the east and Ferrara Brothers Brooklyn Concrete Plant to the south. Site Features: The site is developed with a one-story garage/warehouse building and two two-story commercial warehouse

425 HOYT STREET (Continued) **S117936666**

buildings with a partial basement. Current Zoning/Use: The site is zoned M3-1 (Manufacturing) and is currently an unoccupied warehouse. Historic Use: Past uses include a marble company, a feather holding and separating operation, manufacturing and storage of plumbing supplies, and automobile repair. Site Geology and Hydrogeology: Historic fill extends from below the surface cover to depths ranging from 11 to 15 feet below ground level, generally coinciding with the depth of the groundwater table. The fill is described as brown sand with wood and brick. A layer of native organic clay lies below the fill. Bedrock is of the Middle Ordovician to Lower Cambrian Hartland Formation, which consists of fine-grained quartz-feldspar granulite. "

Not reported
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: A
Owner Name: Not reported
Owner Company: Linda Figliolia
Owner Address: 7 Delwood Drive
Owner Addr2: Not reported
Owner City,St,Zip: Holmdel, NJ 07733
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Doug Bomar
Owner Company: Hoyt Street Partners LLC
Owner Address: 68 Jay Street, Suite 201
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Carroll Gardens Branch Library
Owner Address: 396 Clinton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11231
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported

425 HOYT STREET (Continued) **S117936666**

Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

394
NE
1/4-1/2
0.481 mi.
2539 ft.

670-678 PACIFIC STREET - DOB JOB NO. NB- 320900566 **NY VCP** **S125317182**
607 PACIFIC STREET **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
43 ft.

VCP NYC:
Project ID: 14TMP0227K,14EH-N227K,14CVCP217K
Name: 670-678 PACIFIC STREET - DOB JOB NO. NB- 320900566
Address: 607 PACIFIC STREET
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3.01128000930112E+29
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Completed
Latitude: 40.683218
Longitude: -73.977292
Postcode: 2
Community Board: 39
Council District: 12901
Census Tract: Not reported
BIN: Not reported
NTA: Park Slope-Gowanus

395
SW
1/4-1/2
0.485 mi.
2559 ft.

INTERCONTINENTAL RECY. **NY SWF/LF** **S101649575**
?? **N/A**
??, NY 0

Relative:
Lower

Actual:
11 ft.

SWF/LF:
Name: INTERCONTINENTAL RECY.
Address: ??
City,State,Zip: ??, NY 0
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Intercontinental Recycling Co.
Owner Type: Private
Owner Address: 141 6th Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11215
Owner Email: Not reported
Owner Phone: 7185964214
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [24T88]

INTERCONTINENTAL RECY. (Continued) **S101649575**

Active:	No
East Coordinate:	585200
North Coordinate:	4503000
Accuracy Code:	Not reported
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	2610300075
Authorization Date:	Not reported
Expiration Date:	7/9/1996
Operator Name:	Michael Stramiello
Operator Type:	Not reported
Laste Date:	Not reported

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396 **JOEL VENGRIN** **NY LTANKS** **S106471511**
NNW **155 BERGEN STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.488 mi.
2577 ft.

Relative: **Higher**

Actual: **19 ft.**

LTANKS:

Name:	JOEL VENGRIN
Address:	155 BERGEN STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0400986 / 2004-06-01
Facility ID:	0400986
Site ID:	265474
Spill Date:	2004-04-28
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2004-04-28
CID:	407
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-04-28
Spill Record Last Update:	2004-06-10
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	MILGA MORALES
Spiller Phone:	(914) 747-1233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216312
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 4/28/04. All State is an insurance carrier for home owner hired Milro to clean up. They found cracks on the concrete floor slab and belief that some oil went through. YK. 5/10/04. J.Krimgold spoke

JOEL VENGRIN (Continued) **S106471511**

to Poul (Milro). They removed concrete around cracks and found substantial soil contamination. Currently they excavated 6'x6' area to the depth of 3-4' and will take post excavation samples. 6/01/04. J.Krimgold spoke to Poul (Milro). Soil analytical show some contaminants above TAGM levels. However, due to a construction constraints further excavation is not feasible. Agreed to cease excavation, apply bio nutrients into excavation pit, fill with clean soil, seal with concrete and epoxy paint. NFA."

Remarks: "Tank has a hole in it which caused the leak. The spill is currently being cleaned up."

All Materials:

Site ID:	265474
Operable Unit ID:	882925
Operable Unit:	01
Material ID:	492217
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

397
WSW
1/2-1
0.582 mi.
3073 ft.

FORMER CITIZEN GAS WORKS MGP SITE (CAROL
5TH STREET AND SMITH STREET TO GOWANUS CANAL
BROOKLYN, NY 11215

EDR MGP **1008407888**
N/A

Relative:
Higher

Actual:
22 ft.

Manufactured Gas Plants:

No additional information available

398
West
1/2-1
0.592 mi.
3124 ft.

CARROLL GARDENS
CORNER OF 5TH STREET & SMITH STREET
BROOKLYN, NY

NY DEL SHWS **S105972444**
N/A

Relative:
Higher

Actual:
37 ft.

DEL SHWS:

Name:	CARROLL GARDENS
Address:	CORNER OF 5TH STREET & SMITH STREET
City,State,Zip:	BROOKLYN, NY
Year:	Not reported
Site Code Id:	224012
Site Classification:	D1
Region:	2
Epa Id Number:	Not reported
Site Type - Dump:	No
Site Type - Structure:	No
Site Type - Lagoon:	No
Site Type - Landfill:	No
Site Type - Treat Pond:	No

CARROLL GARDENS (Continued) **S105972444**

Site Size (Acres): 6 Acres
Site Size Comment: Not reported
Period Assoc/HW Start: Not reported
Period Assoc/HW End: Not reported
Lat/Long: 40 40' 33 / 73 59' 46
Lat/Long Decimal: 0.00000 / 0.00000
Lat/Long (dms): 0 0 0 / 0 0 0
Hazardous Waste Code: Not reported
Hazard Waste Disposed: Not reported
Quantity: Not reported
Air Data Available: No
SW Std Contravention: No
GW Std Contravention: No
Soil Type: Not reported
Sediment Data Available: No
GW Std Contravention: No
DW Std Contravention: No
SW Std Contravention: No
Air Stand Contraventions: No
Legal Action Type: Not reported
State Legal Action: No
Federal Legal Action: No
Enforce Status Code: Not reported
Remedial Act Proposed: No
Rem Act Under Design: No
Rem Act In Progress: No
Rem Act Completed: No
Remedial Action Type: Not reported
Soil Type: Not reported
Depth To Groundwater: Not reported
Owner Name: NYC Department of Real Property
Owner Address: 2 Lafayette Street
Owner City,St,Zip: New York, NY 10007
Owner Phone: Not reported
Owner Contact Name: Not reported
Owner During Disposal: Not reported
Owner During Use: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Phone: Not reported
Operator Contact Name: Not reported
Oper During Disposal: Not reported
Site Type: Dump
HW Disposal Period: From: unknown To:
Analytical Data Available: Groundwater, Surface Water, Soil
Applicable Std Exceeded: Groundwater, Surface Water
Geotech Info: Sand and till.
Depth To Groundwater: Range: 10 to 20 feet.
Status: Not reported
Nature Of Action: Not reported
Env Prob Assessment: Not reported
Site Description: This site was formerly owned by the Brooklyn Union Gas Company, which operated a coal gasification plant. It is believed that products from previous operations may have been disposed at this site. The site is currently vacant and located in a mixed industrial/residential area. Single family homes and a concrete product manufacturing plant are adjacent to the site. At one time,

CARROLL GARDENS (Continued) **S105972444**

residential housing was proposed for construction at this location. The lot is littered with debris piles, cinder blocks, old lumber and at least fourteen 55-gallon drums embedded in concrete. The NYSDEC has received the final Phase II site investigation report, but is awaiting the analytical results of the sampling of the 55 gallon drums disposed on site. These drums were sampled separately in December 1990. Analytical data for the 3 drums sampled in 1990 revealed that the waste present in the drums originated from a petroleum hydrocarbon source and is not classified as hazardous waste.

Confirmed HW: Methylene Chloride: unknown
Environment Assesment: Environmental problems not established.
Health Assesment: Not reported
Disposal Start Date: Not reported
Disposal Term Date: Not reported
Air Violation: Not reported
Groundwater Violation: Not reported
Drink Water Violation: Not reported
Surface Water Violation: Not reported
Legal New York State: Not reported
Legal Federal: Not reported
Legal State: Not reported
Remedial Action Active: Not reported
Remedial Action Done: Not reported
NPL Status: Not reported
Count Operator: Not reported
Count Owner: Not reported
NYTM X: 0
NYTM Y: 0
Co Name: Not reported
Co Addr: Not reported
Operator Addr: Not reported
Operator Addr 2: Not reported
Operator Addr 3: Not reported
Operator Addr 4: Not reported
HWDP From: Not reported
From To: Not reported
Assessment of Health: Not reported
Description: Not reported
Record Added Date: Not reported
Record Updated Date: Not reported
Env Assessment: Not reported
HW Disposed/Quantity: Not reported
Assess/Env Prog: Not reported
Assess/Health Prob: Not reported
Site Description: Not reported

BG399 **K - METROPOLITAN MGP** **NY SHWS** **S108667326**
SW **124-136 SECOND AVE** **NY BROWNFIELDS** **N/A**
1/2-1 **BROOKLYN, NY 11215**
0.661 mi.
3492 ft. **Site 1 of 2 in cluster BG**

Relative: **Lower**
Actual: **13 ft.**

SHWS:
Name: K - METROPOLITAN MGP
Address: 124-136 SECOND AVE
City,State,Zip: BROOKLYN, NY 11215
Program: HW
Site Code: 372656
Classification: Significant threat to the public health or environment - action

K - METROPOLITAN MGP (Continued) **S108667326**

required.

Region: 2
Acres: 11.000
HW Code: 224046
Record Add: 10/27/2006
Record Upd: 03/18/2021
Updated By: DJEATON

Site Description: "Location: The Metropolitan Gas Works site is located at the intersection of 12th Street and Second Avenue in South Brooklyn. It is bounded on the west by the Gowanus Canal, on the north by 10th St., on the east by 2nd Avenue and on the south by 13th St. Site Features: The site is approximately 11 acres and completely developed. The original plant footprint is occupied by a large home improvement center, a strip mall and parking lots that serve them. The surrounding neighborhood is primarily industrial and commercial, with some residential properties within a few blocks. Past use of the site: The site was occupied by a large manufactured gas plant (MGP) from the late 1800s to the late 1930s. The MGP converted coal and petroleum products to gas, which was used for heating, cooking, and lighting purposes in the surrounding areas. The process produced large amounts of coal tar wastes which have heavily contaminated the soils beneath the site. The southeastern portion of the plant was remediated in 2001 to 2003. The remediation consisted of the excavation of 3 gas holders and the installation of a Dense Non-Aqueous Phase Liquid (DNAPL) recovery system that is currently operating. The western third of the site (where the actual gas plant was located) is now occupied by a multi-story brick commercial building including a Pathmark grocery store. A Remedial Investigation was conducted in this area between 2009 and 2013. Site Geology and Hydrogeology: Soils on the site consist of fill that overlies a peat/silt/clay meadow mat marsh deposit that lies approximately 16 feet below ground surface (bgs). Beneath the meadow mat are sand and silt glacial outwash deposite. Bedrock is greater than 150 ft.bgs. Groundwater flow is southwest, toward the Gowanus Canal. "

Env Problem: "From 2001 through 2003, the eastern portion of the historic MGP and two adjacent parcels were investigated and portions remediated through excavation of the former oil tanks and Holders No. 1 through 3. In addition, approximately 45 recovery wells were installed along 12th Street and perpendicular to 12th, northeast of Hamilton Place, to allow recovery of non-aqueous phase liquid (NAPL). Coal tar recovery from productive wells has been conducted since installation. At present, three recovery wells continue to collect coal tar. These remedial actions resulted in the eastern portion of the former MGP site and the two adjacent parcels to be administratively closed. A remedial investigation (RI) was performed on other portions of the former MGP site between 2010 and 2012, and a supplemental RI was performed between 2017 and 2019 to investigate the remaining areas of the site previously not accessible. Throughout the course of site investigations, soil and groundwater have been analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), cyanide, metals, pesticides and herbicides. Soil vapor and indoor air have been analyzed for VOCs. A barrier wall is being designed to prevent migration of contamination into the Gowanus Canal and is anticipated to be completed in 2023. This project and timeline follow the EPA s plan and schedule for remediation of the Gowanus Canal. Monitoring/recovery wells will be installed behind the sealed bulkhead/barrier wall to capture and

K - METROPOLITAN MGP (Continued) **S108667326**

remove any collectable residual coal tar at depth. This recovery system along with the barrier wall will remove mobile coal tar from the site and prevent any off-site migration of residual coal tar. Nature and Extent of Contamination: The principal contaminant of concern at the site is MGP related coal tar and associated petroleum contamination. Coal tar contains various volatile organic compounds (VOCs), primarily benzene, toluene, ethylbenzenes, and xylenes (collectively known as BTEX). A family of compounds referred to as polycyclic aromatic hydrocarbons (PAHs) are also associated with MGP coal tar. Subsurface impacts were observed in the following general areas: the area of former oil and tar tanks, located in the western portion of the former Pathmark footprint; in the area of former gas Holder No. 4 located beneath the central portion of the former Pathmark building extending to the west; and, in the area of former gas Holder No. 5 and downgradient of former gas Holder No. 1 through 3, near the intersection of 12th Street and Hamilton Place. Soil: Coal tar impacts have been observed across the site at various depths ranging from approximately one to 75 feet below grade (ft bg). MGP-related impacts to site soils primarily consist of BTEX and PAH compounds. The impacted soils are observed to generally correspond with locations of former MGP structures. Both the maximum BTEX and PAH concentrations were identified in samples collected from the area of former Holder No. 5 in the interval at 35 to 40 ft bg. The maximum BTEX concentration was 1,639 mg/kg and the maximum PAH concentration was 14,106.2 mg/kg. Cyanide was detected at low, estimated concentrations, with a maximum detection of 0.24 mg/kg in the 35-40 ft bg interval. There were two detections of PCBs in soils across the site, the maximum detection was 0.081 mg/kg in the 46 to 47.5 ft bg interval. Several metals, including arsenic, barium, copper, lead and mercury, have been detected in soils exceeding the corresponding Soil Cleanup Objectives (SCOs). There have been no detections of pesticides or herbicides above site SCOs. Groundwater: Groundwater at the site has been impacted by MGP related contaminants of concern including coal tar in the form of non-aqueous phase liquid. Groundwater exceedances of standards and guidance values primarily included total BTEX, PAHs, and metals with limited occurrences of cyanide. No PCBs, pesticides or herbicides were detected in groundwater above respective standards. In general, the greatest impacts were detected in the intermediate groundwater zone, consistent with the highest impacted soil horizon. MGP-related impacts in the deep groundwater zone appear to be limited to the area of the former tar tanks. Total BTEX in groundwater ranged from non-detect (ND) to 15,100 parts per billion (ppb). Total PAHs in groundwater ranged from ND to 5,885 ppb. Numerous metals were detected above their corresponding standards, including arsenic, iron, lead, magnesium, manganese, and sodium, likely associated with regional conditions rather than historical site operations. Total cyanide concentrations in groundwater ranged from ND to 279 parts per million (ppm). Soil Vapor: Soil vapor and indoor air samples were collected at the site to assess vapor intrusion conditions. No potentially MGP-related constituents were detected in indoor air or sub-slab soil vapor above the typical background indoor air concentrations from public and commercial buildings. Non MGP-related constituents were either not detected in indoor air and sub-slab soil vapor or detected in concentrations that indicated an indoor source of VOCs was present. Paired indoor air and sub-slab soil vapor samples do not indicate a complete vapor intrusion pathway. Special

K - METROPOLITAN MGP (Continued) **S108667326**

	Resources impacted: No special resources were identified. The adjacent portion of the Gowanus Canal is heavily contaminated from a variety of sources including other MGP sites nearby, but specific impacts to the canal from this particular MGP site have not been identified. Any off-site tar migration appears to be taking place at depths below the bottom of the canal. "
Health Problem:	"Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling indicates soil vapor intrusion is not a concern for onsite or offsite buildings."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	False
Record Add:	2006-10-31 16:33:00
Record Upd:	2013-09-20 14:14:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	Craig Hammerman
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 12201-6401
Owner Country:	United States of America
HW Code:	224046
Waste Type:	COAL TAR
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224046
Waste Type:	BENZENE
Waste Quantity:	26.00
Waste Code:	Not reported
HW Code:	224046
Waste Type:	BENZENE
Waste Quantity:	26.00
Waste Code:	Not reported
HW Code:	224046
Waste Type:	BENZENE
Waste Quantity:	26.00
Waste Code:	Not reported
HW Code:	224046
Waste Type:	TOLUENE
Waste Quantity:	3000.00
Waste Code:	Not reported

K - METROPOLITAN MGP (Continued) **S108667326**

HW Code: 224046
Waste Type: NAPHTHALENE
Waste Quantity: 810.00
Waste Code: Not reported
HW Code: 224046
Waste Type: NAPHTHALENE
Waste Quantity: 810.00
Waste Code: Not reported
HW Code: 224046
Waste Type: NAPHTHALENE
Waste Quantity: 810.00
Waste Code: Not reported
HW Code: 224046
Waste Type: BENZO(A)PYRENE
Waste Quantity: 130.00
Waste Code: Not reported
Crossref ID: v00405
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2010-01-19 10:10:00
Record Updated: 2010-01-19 10:10:00
Updated By: SMWITHER

BROWNFIELDS:
Name: K - METROPOLITAN MGP
Address: 124-136 SECOND AVE
City,State,Zip: BROOKLYN, NY 11215
Program: BCP
Site Code: 57384
Acres: 7.800
HW Code: C224046
SWIS: 2401
Town: New York City
Record Added Date: 04/30/2004
Record Updated Date: 12/01/2009
Update By: MOBARRIE
Site Description: "See Site 224046"
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Not reported
Sub Type: Not reported
Owner Name: Not reported
Owner Company: Not reported
Owner Address: Not reported
Owner Addr2: Not reported

K - METROPOLITAN MGP (Continued) **S108667326**

Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BG400 **BU-METROPOLITAN MGP** **EDR MGP** **1008407883**
SW **124-136 SECOND AVE** **N/A**
1/2-1 **BROOKLYN, NY 11215**
0.661 mi.
3492 ft. **Site 2 of 2 in cluster BG**

Relative: Manufactured Gas Plants:
Lower
No additional information available

Actual:
13 ft.

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401 **USPS GOWANUS SITE. FORMER MGP METROPOLIT** **EDR MGP** **1008407902**
SW **2ND AVENUE AND 12TH STREET** **N/A**
1/2-1 **BROOKLYN, NY 11215**
0.760 mi.
4014 ft.

Relative: Manufactured Gas Plants:
Lower
No additional information available

Actual:
12 ft.

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402 **FORMER BARRETT MANUFACTURING CO.** **NY SHWS** **S112818546**
SW **627 SMITH ST.** **NY BROWNFIELDS** **N/A**
1/2-1 **BROOKLYN, NY 11231**
0.975 mi.
5149 ft.

Relative: SHWS:
Lower

Name:	FORMER BARRETT MANUFACTURING CO.
Address:	627 SMITH ST.
City,State,Zip:	BROOKLYN, NY 11231
Program:	HW
Site Code:	466165
Classification:	N
Region:	2
Acres:	1.040
HW Code:	224163
Record Add:	07/06/2012
Record Upd:	05/24/2013
Updated By:	BXANDERS
Site Description:	"See site C224163 Location: The 45,400 square foot site is located at

Actual:
1 ft.

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

627-641 Smith Street in the Borough of Brooklyn, Kings County, NY in an urban area. Site Features: The Site currently consists of a vacant 1-story warehouse and an asphalt-paved parking lot. The site warehouse is connected to the warehouse on the lot to the south. Current Zoning/Use(s): The site is currently zoned as M3-1 (manufacturing). Historical Use(s): The Site was occupied by Barrett Manufacturing Company, Storage and Shipping in the early 1900s. Later, Colonial Sand and Stone Company occupied the site in the 1950s. Black Diamond Cargo Line and Pittston Stevedoring Storage occupied the Site from the early 1960?s to the 1990s. The original occupant, Barrett Manufacturing, utilized nine coal tar storage tanks and two gasoline underground storage tanks (USTs) as part of their production of coal tar and roofing material. Additionally, Barrett Manufacturing operations occupied the entire city block west of the site (Block 492). Block 492 currently consists of three Lots: Lot 1, Lot 15, Lot 20. Block 492, Lot 1 is a State Superfund Site: Chemtura 633 Court Street ID No. 224146. Site Geology and Hydrogeology: Soil borings conducted between 2005 and 2012 indicate there are alternating layers of sand and dense clay. Two to four separate aquifers are present at the site, separated by clay confining layers. Groundwater is present at a depth of 2 ? 4 feet below grade."

Env Problem: "See site C224163 Nature and Extent of Contamination: Soil ? Coal tar related VOCs and SVOCs are present above Unrestricted Use SCOs. These include naphthalene (7,700 mg/kg), benzo(a)anthracene (280 mg/kg), benzo(a)pyrene (250 mg/kg), and benzo(b)fluoranthene (190 mg/kg). Contaminated soil is present on-site in the vicinity of the former tar storage tanks, and extends to the eastern property boundary, which is bordered by the Gowanus Canal. Additionally, the area of contaminated soil extends off-site to the south, and upgradient to the west. High soil VOCs and SVOCs upgradient and adjacent to Block 492 indicate that Block 492 may be a source of coal tar related VOCs and SVOCs. Groundwater ? VOCs and SVOCs are present above Class GA Standard in twenty monitoring wells. The groundwater plume has not been delineated to the south or to the west.VOC and SVOC contamination extends to the eastern property boundary, which is bordered by the Gowanus Canal. Napthalene is present at a concentration of up to 17,000 ug/l. Benzene is present at a maximum concentration of 11,000 ug/l. Toluene is present at a concentration of up to 7,300 ug/l. Soil Vapor ? Soil vapor samples have not been collected. Significant Threat: No evaluation has been made thus far to determine if the contaminants represent an environmental significant threat."

Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

Owner Name: c/o Crown Acquisitions, Inc.
Owner Company: Red Hook Developers Holdings, LLC
Owner Address: 362 Fifth Avenue
Owner Addr2: Suite 1201
Owner City,St,Zip: New York, NY 10001
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Not reported
Owner Company: CF Smith, LLC
Owner Address: 404 Fifth Avenue
Owner Addr2: 5th Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

BROWNFIELDS:
Name: RED HOOK SMITH STREET
Address: 627 SMITH ST.
City,State,Zip: BROOKLYN, NY 11231
Program: BCP
Site Code: 476652
Acres: 1.960
HW Code: C224163
SWIS: 2401
Town: New York City
Record Added Date: 12/12/2012
Record Updated Date: 09/09/2021
Update By: SMQUANDT
Site Description: "Location: The 1.96-acre site is located in an urban area of Brooklyn. The site is bounded by Smith Street to the west, the Gowanus Canal to the east and south, and an industrial property to the north. Site Features: Two tax parcels comprise the site: Block 493, Lot 1 and Block 495, Lot 1. The site includes approximately 750-linear feet of waterfront along the Gowanus Canal at the mouth of the Gowanus Bay. The site was formerly developed with a one-story warehouse that was demolished in 2018, leaving the site vacant with asphalt and concrete surfaces. Current Zoning and Land Use(s): The site is zoned M-3, heavy manufacturing which also allows certain retail and commercial uses. Past Use of the Site: Barrett Manufacturing occupied Block 493 (northern area of the site) circa 1900 to 1940 and utilized nine coal tar storage tanks as part of their production of coal tar and roofing material. The facility also extended to the west of the site (hydraulically up-gradient). After Barrett Manufacturing sold the property in the 1950s, two gasoline underground storage tanks (USTs) were installed on the property. Various manufacturing and storage companies occupied Block 495 (southern part of the site) including: an ice company in the early

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

1900s; a dock and seaboard storage company from approximately 1930 to 1950; and a cargo line and storage company from the late 1960s to the 1990s. Site Geology and Hydrogeology: Site topography is relatively flat, gently sloping downward to the east-southeast towards the Gowanus Canal. The site is underlain by historic urban fill that extends to approximately 12 feet below grade surface (bgs). The historic fill generally consisted of sand, silt, clay, gravel, cobbles, with wood and brick fragments, cinder, and ash. A native clay lens containing some organic material was identified at varying depths (12 to 14 feet bgs). Native fine sand and silt were identified beneath the clay to a depth of 50-feet bgs. Bedrock was not encountered during this investigation. The depth to groundwater is approximately five feet below the ground surface and flows to the east-southeast towards the Gowanus Canal."

Env Problem:

"Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Groundwater samples were also analyzed for per- and polyfluoroalkyl substances (PFAS). Soil vapor was analyzed for VOCs. The primary contaminants of concern are coal tar in soil and floating on the groundwater, SVOCs (total) and naphthalene in soil and naphthalene in groundwater. Soil: The primary soil contamination concern is the presence of coal tar and tar-like material across the site and to a maximum depth of 48 feet below ground surface (bgs). Grossly-impacted soils were observed in a soil boring, in both historic fill from 10-12 feet bgs and native material from 30 to 48 feet bgs, as well as a monitoring well boring from 6 to 27 feet bgs.

In addition to the coal tar, SVOCs were detected to a depth of 5 to 6 feet bgs at levels exceeding commercial use soil cleanup objectives (CSCOs) and/or protection of groundwater soil cleanup objectives (PGWSCOs), where applicable, including: total SVOCs up to 18,518 parts per million (ppm), naphthalene up to 7,500 ppm (CSCO 500 ppm and PGWSCO 12 ppm), benzo(a)anthracene up to 31 ppb (CSCO 5.6 ppm), benzo(a)pyrene up to 74 ppm (CSCO 1 ppm), benzo(b)fluoranthene up to 71 ppm (CSCO 5.6 ppm and PGWSCO 1.7 ppm), and indeno(1,2,3-cd)pyrene up to 32 ppm (CSCO 5.6 ppm and PGWSCO 8.2 ppm). One VOC, 1,2,4-trimethylbenzene, was detected in two locations at 210 ppm and 270 ppm, above its CSCO of 190 ppm. Metals were detected at levels exceeding CSCOs to a depth of 6 feet bgs as follows: lead up to 15,000 ppm (CSCO 1,000 ppm) and copper up to 2,600 ppm (CSCO 270 ppm). No PCBs or pesticides were detected in soil above CSCOs. Site-related soil impacts may be migrating off-site. Groundwater: Coal tar was encountered beginning near the ground surface and extending well into groundwater, located at approximately 5 feet bgs, to a maximum depth of 47 feet bgs. VOCs detected above Class GA Ambient Water Quality Standard (AWQS) include: benzene up to 550 parts per billion (ppb) (AWQS is 1 ppb), ethylbenzene up to 1,400 ppb (AWQS is 5 ppb), toluene up to 1,500 ppb (AWQS is 5 ppb), total xylene up to 3,200 ppb (AWQS is 5 ppb), and 1,2,4-trimentylbenzene up to 41 ppb (AWQS 5 ppb).. The following SVOCs were detected above AWQS: naphthalene up to 13,000 ppb (AWQS is 10 ppb), phenol up to 200 ppb (AWQS is 1 ppb), acenaphthene up to 500 ppb (AWQS is 20 ppb), 2,4-dimethylphenol up to 1,100 ppb (AWQS is 50 ppb), anthracene up to 82 ppb (AWQS is 50 ppb), benzo(b)fluoranthene up to 0.3 ppb (AWQS is 0.002 ppb), benzo(k)fluoranthene up to 0.17 ppb (AWQS is 0.002 ppb), bis(2-ethylhexyl)phthalate up to 7.2 ppb (AWQS is 5 ppb), chrysene up to 0.28 ppb (AWQS is 0.002 ppb), fluorene up to 260 ppb (AWQS is 50

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

ppb), indeno(1,2,3-cd) up to 0.17 ppb (AWQS is 0.002 ppb), and phenanthrene up to 190 ppb (AWQS is 50 ppb). For PFAS, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were reported at concentrations up to 126 parts per trillion (ppt) and 41.4 ppt, respectively, exceeding the Maximum Contaminant Level (MCL) (drinking water standard) of 10 ppt each in groundwater. There are no public water supply wells within a half a mile and there is a municipal prohibition for use of groundwater at the site. PCBs, metals, and pesticides were not detected above AWQS in site groundwater. Site-related groundwater impacts may be migrating off-site. Soil Vapor: Fifteen soil vapor samples were collected from approximately two feet bgs and analyzed for VOCs. Results detected benzene, toluene, ethylbenzene and xylene (BTEX) a across the site up to 1,304 micrograms per cubic meter (g/m3). The chlorinated VOC tetrachloroethene (PCE) was also detected up to 59.2 g/m3 but is not thought to be site related since PCE was not detected above standards in soil or groundwater at the site. The data do not indicate any off-site impacts in soil vapor related to this site."

Health Problem: "Direct contact with contaminated soil is unlikely because the site is completely fenced, which restricts public access, and is covered by concrete. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil), may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern because there are no buildings on-site, however the potential for indoor air impacts via the soil vapor intrusion pathway exists for any future occupied buildings. Sampling indicates soil vapor intrusion is not a concern for off-site structures."

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-10-25 15:30:00
Record Upd: 2016-08-18 15:11:00
Updated By: CHPOST
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: 10 Grand Army Plaza
Owner Addr2: Not reported
Owner City,St,Zip: Brookklyn, NY 11238
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Emzon Shung
Owner Company: Red Hook Developers Holdings, LLC

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

Owner Address:	1400 Broadway
Owner Addr2:	15th Floor
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Emzon Shung
Owner Company:	Red Hook Developers Holdings, LLC
Owner Address:	1400 Broadway, 15th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	CF Smith, LLC
Owner Address:	404 Fifth Avenue
Owner Addr2:	5th Floor
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
HW Code:	C224163
Waste Type:	coal tar
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	creosote
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224163

FORMER BARRETT MANUFACTURING CO. (Continued) **S112818546**

Waste Type:	coal tar pitch volatiles
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0500510
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2012-12-12 16:08:00
Record Updated:	2012-12-12 16:08:00
Updated By:	BXANDERS
Crossref ID:	224197
Cross Ref Type Code:	09
Cross Ref Type:	DEC Case No.
Record Added Date:	2015-04-17 11:52:00
Record Updated:	2015-04-17 11:52:00
Updated By:	CHPOST
Crossref ID:	C224215
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-05-11 11:00:00
Record Updated:	2015-05-11 11:00:00
Updated By:	CHPOST
Crossref ID:	C224163-03-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-02-10 08:53:00
Record Updated:	2020-02-10 08:53:00
Updated By:	CHPOST

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 88

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 9

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/21/2021
Date Data Arrived at EDR: 12/27/2021
Date Made Active in Reports: 03/22/2022
Number of Days to Update: 85

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/29/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 03/16/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 76

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 12/13/2021
Date Made Active in Reports: 03/02/2022
Number of Days to Update: 79

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/08/2021
Date Made Active in Reports: 01/06/2022
Number of Days to Update: 29

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/21/2021
Date Data Arrived at EDR: 12/27/2021
Date Made Active in Reports: 03/22/2022
Number of Days to Update: 85

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/29/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Quarterly

PFAS 2: New York State Inactive Landfill Initiative

A solid waste site priority list of mitigation and remedial activities to address sites causing, or substantially contributing to, impairments of drinking water quality. The primary focus is inactive solid waste disposal sites, primarily landfills, and their potential impact on New York?s drinking water resources from site-related contaminants, with a focus on emerging contaminants, including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane.

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 158

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 84

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 05/02/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 84

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 03/16/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/11/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/18/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/20/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 05/18/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 02/10/2022
Number of Days to Update: 9

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 12/21/2021
Date Data Arrived at EDR: 12/27/2021
Date Made Active in Reports: 03/16/2022
Number of Days to Update: 79

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 12/10/2021
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 12/30/2021
Number of Days to Update: 13

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/21/2021
Date Data Arrived at EDR: 12/22/2021
Date Made Active in Reports: 03/16/2022
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 03/25/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 13

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/13/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

UIC: Underground Injection Control Wells
A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 02/27/2022
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 05/27/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers
This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 01/04/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/01/2022
Number of Days to Update: 79

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations
Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 02/01/2022
Date Data Arrived at EDR: 02/02/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 84

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 04/28/2022
Number of Days to Update: 83

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

NASSAU COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/04/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 82

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/04/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 82

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/03/2021
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 84

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

601 UNION STREET
601 UNION STREET
BROOKLYN, NY 11217

TARGET PROPERTY COORDINATES

Latitude (North):	40.678554 - 40ˆ 40’ 42.79’’
Longitude (West):	73.98492 - 73ˆ 59’ 5.71’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585786.2
UTM Y (Meters):	4503358.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019
West Map:	14317809 JERSEY CITY, NJ
Version Date:	2019

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

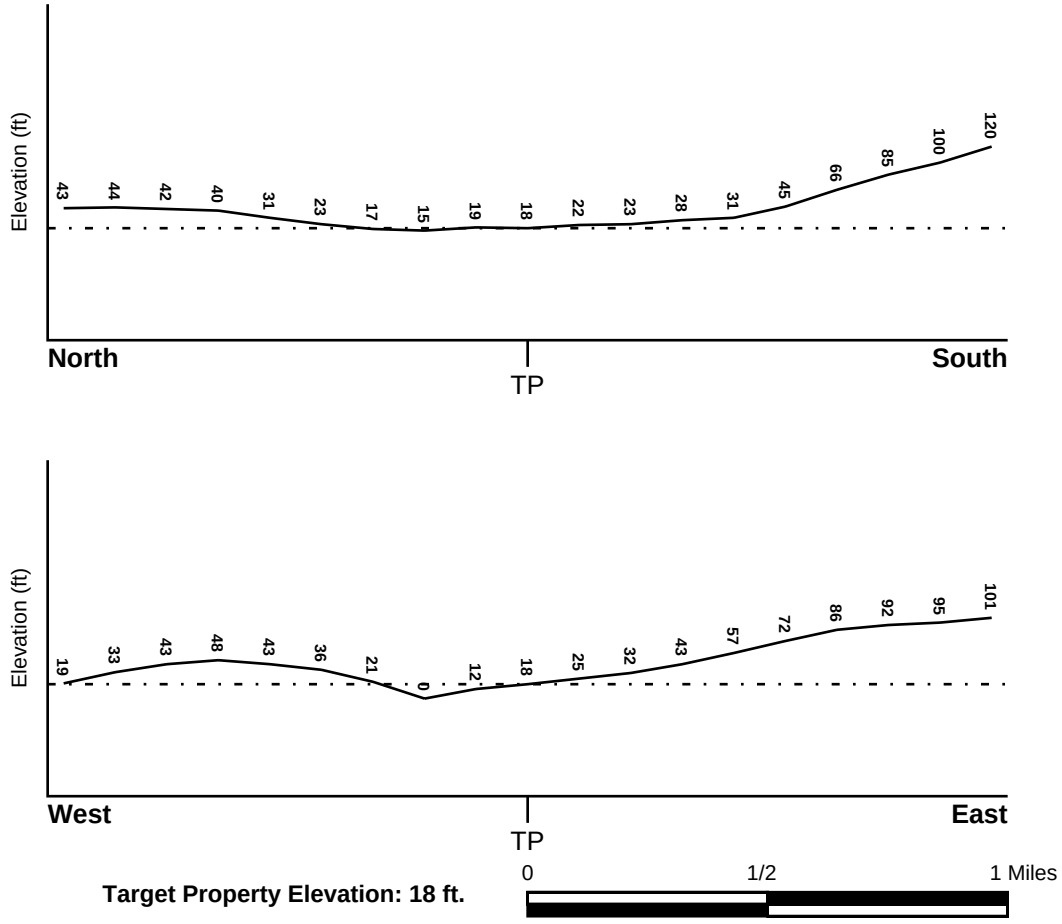
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 18 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970211F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970203F	FEMA FIRM Flood data
3604970192F	FEMA FIRM Flood data
3604970063B	FEMA Q3 Flood data
3604970073B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile West
Site Name:	Vidan Auto Salvage
Site EPA ID Number:	NYD986961167
Groundwater Flow Direction:	SW TOWARD THE NARROWS.
Inferred Depth to Water:	approximately 38 feet.
Hydraulic Connection:	The surficial aquifer and underlying aquifer are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000828295	0 - 1/8 Mile SSE
A2	USGS40000828296	0 - 1/8 Mile SSE
A3	USGS40000828294	0 - 1/8 Mile SSE
B4	USGS40000828170	1/4 - 1/2 Mile South
7	USGS40000828469	1/4 - 1/2 Mile NNE
8	USGS40000828297	1/4 - 1/2 Mile WSW
C9	USGS40000828284	1/4 - 1/2 Mile ESE
12	USGS40000828120	1/4 - 1/2 Mile South
C13	USGS40000828293	1/4 - 1/2 Mile ESE
E14	USGS40000828518	1/4 - 1/2 Mile NNW
15	USGS40000828114	1/4 - 1/2 Mile SSW
E16	USGS40000828512	1/4 - 1/2 Mile NNW
F17	USGS40000828117	1/4 - 1/2 Mile SSW
E18	USGS40000828532	1/4 - 1/2 Mile NNW
G19	USGS40000828451	1/4 - 1/2 Mile ENE
20	USGS40000828544	1/4 - 1/2 Mile North
F21	USGS40000828115	1/4 - 1/2 Mile SSW
G22	USGS40000828468	1/4 - 1/2 Mile NE
23	USGS40000828478	1/2 - 1 Mile NW
24	USGS40000828549	1/2 - 1 Mile NNE
25	USGS40000828501	1/2 - 1 Mile NW
26	USGS40000828092	1/2 - 1 Mile SSW
I29	USGS40000828124	1/2 - 1 Mile SW
I30	USGS40000828125	1/2 - 1 Mile SW
33	USGS40000828523	1/2 - 1 Mile NE
34	USGS40000828444	1/2 - 1 Mile WNW
35	USGS40000828070	1/2 - 1 Mile SSE
36	USGS40000828165	1/2 - 1 Mile WSW
37	USGS40000828558	1/2 - 1 Mile NNE
J38	USGS40000828587	1/2 - 1 Mile NNE
39	USGS40000828265	1/2 - 1 Mile WSW
40	USGS40000828443	1/2 - 1 Mile ENE
J41	USGS40000828602	1/2 - 1 Mile North
J42	USGS40000828606	1/2 - 1 Mile NNE
K43	USGS40000828620	1/2 - 1 Mile NNE
44	USGS40000828601	1/2 - 1 Mile NNE
K45	USGS40000828627	1/2 - 1 Mile North
K46	USGS40000828619	1/2 - 1 Mile NNE
48	USGS40000828410	1/2 - 1 Mile West
L49	USGS40000828018	1/2 - 1 Mile SW
L50	USGS40000828019	1/2 - 1 Mile SW
M51	USGS40000828660	1/2 - 1 Mile North
M52	USGS40000828670	1/2 - 1 Mile North
53	USGS40000828676	1/2 - 1 Mile North
O57	USGS40000828183	1/2 - 1 Mile WSW
58	USGS40000827905	1/2 - 1 Mile SSW
O59	USGS40000828193	1/2 - 1 Mile WSW
60	USGS40000828477	1/2 - 1 Mile ENE
P61	USGS40000828020	1/2 - 1 Mile SW
P62	USGS40000828021	1/2 - 1 Mile SW
64	USGS40000828452	1/2 - 1 Mile WNW
65	USGS40000828339	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
66	USGS40000828661	1/2 - 1 Mile NW
67	USGS40000828703	1/2 - 1 Mile NNE
68	USGS40000828254	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

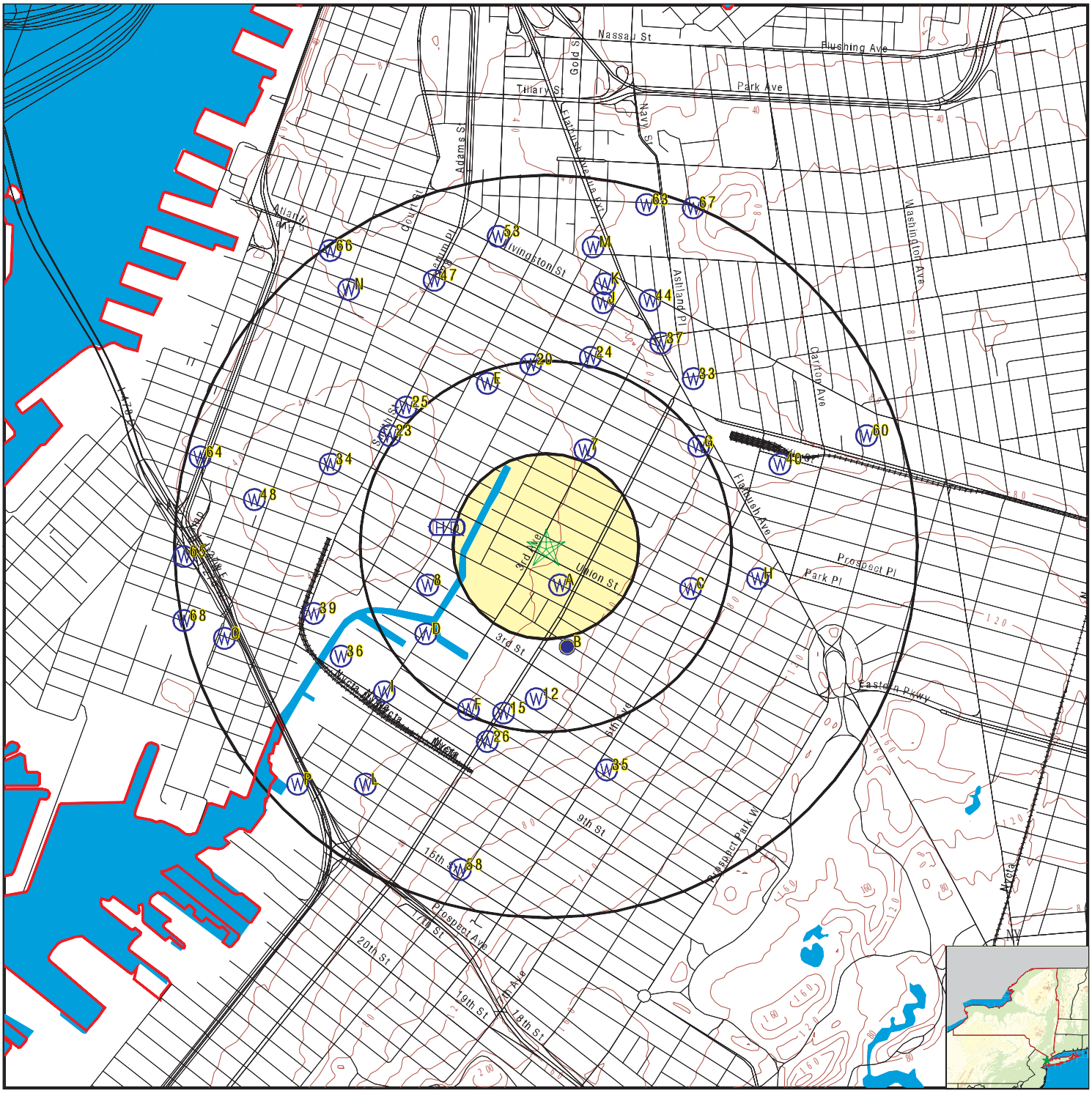
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	NYREG1000000232	1/4 - 1/2 Mile SSE
B6	NYREG1000000233	1/4 - 1/2 Mile SSE
D10	NYREG1000000080	1/4 - 1/2 Mile SW
D11	NYREG1000000081	1/4 - 1/2 Mile SW
H27	NYREG1000000090	1/2 - 1 Mile East
H28	NYREG1000000089	1/2 - 1 Mile East
H31	NYREG1000000158	1/2 - 1 Mile East
H32	NYREG1000000159	1/2 - 1 Mile East
47	NYREG1000000125	1/2 - 1 Mile NNW
N54	NYREG1000000209	1/2 - 1 Mile NW
N55	NYREG1000000252	1/2 - 1 Mile NW
N56	NYREG1000000251	1/2 - 1 Mile NW
63	NYREG1000000192	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 7002364.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	601 Union Street	CLIENT:	Athenica Env. Services Inc.
ADDRESS:	601 Union Street Brooklyn NY 11217	CONTACT:	Evan Greenberg
LAT/LONG:	40.678554 / 73.98492	INQUIRY #:	7002364.2s
		DATE:	July 06, 2022 12:23 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSE **FED USGS** **USGS40000828295**
0 - 1/8 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 956. 1	Type:	Well
Description:	0501	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	182	Well Hole Depth Units:	ft

A2
SSE **FED USGS** **USGS40000828296**
0 - 1/8 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1030. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	182	Well Hole Depth Units:	ft

A3
SSE **FED USGS** **USGS40000828294**
0 - 1/8 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 930. 1	Type:	Well
Description:	0401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	180	Well Hole Depth Units:	ft

B4
South **FED USGS** **USGS40000828170**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 917. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	106	Well Hole Depth Units:	ft

B5
SSE **NY WELLS** **NYREG1000000232**
1/4 - 1/2 Mile
Higher

Well Number:	K003580	Owner:	Hertz, Joseph
Well Depth:	100	Diameter:	4
Casing Length:	0	Screen Diameter:	4
Screen Length:	10		

B6
SSE **NY WELLS** **NYREG1000000233**
1/4 - 1/2 Mile
Higher

Well Number:	K003581D	Owner:	Hertz, Joseph
Well Depth:	100	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	20		

7
NNE **FED USGS** **USGS40000828469**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3259. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	30
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	45	Level reading date:	1995-03-14
Feet below surface:	Not Reported	Feet to sea level:	13.98
Note:	Not Reported		
Level reading date:	1995-01-03	Feet below surface:	Not Reported
Feet to sea level:	13.34	Note:	Not Reported
Level reading date:	1994-06-28	Feet below surface:	Not Reported
Feet to sea level:	13.99	Note:	Not Reported
Level reading date:	1994-03-25	Feet below surface:	Not Reported
Feet to sea level:	14.42	Note:	Not Reported

Level reading date:	1993-11-22	Feet below surface:	Not Reported
Feet to sea level:	12.15	Note:	Not Reported
Level reading date:	1993-08-25	Feet below surface:	Not Reported
Feet to sea level:	12.04	Note:	Not Reported
Level reading date:	1993-07-22	Feet below surface:	Not Reported
Feet to sea level:	12.75	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	13.30	Note:	Not Reported
Level reading date:	1993-06-14	Feet below surface:	Not Reported
Feet to sea level:	13.47	Note:	Not Reported
Level reading date:	1993-03-23	Feet below surface:	Not Reported
Feet to sea level:	13.46	Note:	Not Reported
Level reading date:	1993-01-19	Feet below surface:	Not Reported
Feet to sea level:	13.09	Note:	Not Reported
Level reading date:	1992-12-28	Feet below surface:	Not Reported
Feet to sea level:	12.92	Note:	Not Reported
Level reading date:	1992-11-19	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	11.90	Note:	Not Reported
Level reading date:	1992-09-18	Feet below surface:	Not Reported
Feet to sea level:	12.32	Note:	Not Reported
Level reading date:	1992-07-14	Feet below surface:	Not Reported
Feet to sea level:	12.76	Note:	Not Reported
Level reading date:	1992-03-18	Feet below surface:	Not Reported
Feet to sea level:	11.35	Note:	Not Reported
Level reading date:	1991-03-20	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1990-03-27	Feet below surface:	Not Reported
Feet to sea level:	12.47	Note:	Not Reported
Level reading date:	1989-04-11	Feet below surface:	Not Reported
Feet to sea level:	12.81	Note:	Not Reported
Level reading date:	1988-06-01	Feet below surface:	Not Reported
Feet to sea level:	13.38	Note:	Not Reported
Level reading date:	1985-10-01	Feet below surface:	Not Reported
Feet to sea level:	12.45	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	12.53	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	12.91	Note:	Not Reported
Level reading date:	1984-10-05	Feet below surface:	Not Reported
Feet to sea level:	13.24	Note:	Not Reported

Level reading date:	1984-06-28	Feet below surface:	Not Reported
Feet to sea level:	13.60	Note:	Not Reported
Level reading date:	1984-03-16	Feet below surface:	Not Reported
Feet to sea level:	13.38	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	5.13	Note:	Not Reported
Level reading date:	1983-09-28	Feet below surface:	Not Reported
Feet to sea level:	5.98	Note:	Not Reported
Level reading date:	1983-06-29	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	12.38	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	11.88	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	13.28	Note:	Not Reported
Level reading date:	1982-06-30	Feet below surface:	Not Reported
Feet to sea level:	13.66	Note:	Not Reported
Level reading date:	1982-03-24	Feet below surface:	Not Reported
Feet to sea level:	13.42	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	13.90	Note:	Not Reported
Level reading date:	1981-09-23	Feet below surface:	Not Reported
Feet to sea level:	14.24	Note:	Not Reported
Level reading date:	1981-06-25	Feet below surface:	Not Reported
Feet to sea level:	13.76	Note:	Not Reported
Level reading date:	1981-03-20	Feet below surface:	Not Reported
Feet to sea level:	13.94	Note:	Not Reported
Level reading date:	1981-02-10	Feet below surface:	Not Reported
Feet to sea level:	13.43	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	13.16	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	13.35	Note:	Not Reported
Level reading date:	1980-06-24	Feet below surface:	Not Reported
Feet to sea level:	13.06	Note:	Not Reported
Level reading date:	1980-06-10	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	1980-04-11	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

8
WSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000828297**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 10. 1	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	75	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	268	Level reading date:	1943-02-27
Feet below surface:	Not Reported	Feet to sea level:	-15.45
Note:	Not Reported		

Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	-16.47	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	-17.14	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	-16.81	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	-17.58	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	-17.11	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	-17.86	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	-17.51	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	-17.69	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	-17.74	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	-18.28	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	-17.56	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	-17.95	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	-18.01	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported

Feet to sea level:	-17.84	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	-18.25	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	-17.93	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	-18.53	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	-18.21	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	-18.13	Note:	Not Reported
Level reading date:	1942-08-29	Feet below surface:	Not Reported
Feet to sea level:	-17.85	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	-18.39	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	-17.77	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	-17.92	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	-17.94	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	-17.83	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	-17.65	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	-18.21	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	-17.52	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	-17.90	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	-17.38	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	-17.50	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	-17.40	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	-16.97	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	-17.15	Note:	Not Reported

Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	-16.95	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	-17.27	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	-16.65	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	-16.46	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	-16.43	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	-16.58	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	-15.97	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	-16.55	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	-15.93	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	-16.51	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	-16.42	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	-16.78	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	-16.11	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	-16.90	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	-15.95	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	-16.19	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	-16.19	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	-16.43	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	-16.13	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	-16.49	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	-16.25	Note:	Not Reported

Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	-16.63	Note:	Not Reported
Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	-16.19	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	-17.01	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	-17.26	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	-15.77	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	-16.66	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	-16.80	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	-16.95	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	-16.82	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	-16.83	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	-17.08	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	-17.32	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	-17.09	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	-17.69	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	-17.50	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	-17.85	Note:	Not Reported
Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	-16.93	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	-17.13	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	-17.04	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	-16.85	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	-17.05	Note:	Not Reported

Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	-17.17	Note:	Not Reported
Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	-16.93	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	-16.35	Note:	Not Reported
Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	-16.70	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	-16.35	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	-16.71	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	-16.15	Note:	Not Reported
Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	-16.42	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	-15.77	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	-16.17	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	-15.69	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	-16.38	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	-16.43	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	-15.86	Note:	Not Reported
Level reading date:	1941-04-19	Feet below surface:	Not Reported
Feet to sea level:	-15.45	Note:	Not Reported
Level reading date:	1941-04-12	Feet below surface:	Not Reported
Feet to sea level:	-15.46	Note:	Not Reported
Level reading date:	1941-04-05	Feet below surface:	Not Reported
Feet to sea level:	-15.14	Note:	Not Reported
Level reading date:	1941-03-29	Feet below surface:	Not Reported
Feet to sea level:	-15.00	Note:	Not Reported
Level reading date:	1941-03-22	Feet below surface:	Not Reported
Feet to sea level:	-15.41	Note:	Not Reported
Level reading date:	1941-03-15	Feet below surface:	Not Reported
Feet to sea level:	-15.63	Note:	Not Reported
Level reading date:	1941-03-08	Feet below surface:	Not Reported
Feet to sea level:	-14.35	Note:	Not Reported

Level reading date:	1941-03-01	Feet below surface:	Not Reported
Feet to sea level:	-14.18	Note:	Not Reported
Level reading date:	1941-02-22	Feet below surface:	Not Reported
Feet to sea level:	-14.25	Note:	Not Reported
Level reading date:	1941-02-15	Feet below surface:	Not Reported
Feet to sea level:	-13.98	Note:	Not Reported
Level reading date:	1941-02-08	Feet below surface:	Not Reported
Feet to sea level:	-13.98	Note:	Not Reported
Level reading date:	1941-02-01	Feet below surface:	Not Reported
Feet to sea level:	-14.43	Note:	Not Reported
Level reading date:	1941-01-25	Feet below surface:	Not Reported
Feet to sea level:	-15.04	Note:	Not Reported
Level reading date:	1941-01-18	Feet below surface:	Not Reported
Feet to sea level:	-14.73	Note:	Not Reported
Level reading date:	1941-01-11	Feet below surface:	Not Reported
Feet to sea level:	-14.56	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	Not Reported
Feet to sea level:	-14.28	Note:	Not Reported
Level reading date:	1940-12-28	Feet below surface:	Not Reported
Feet to sea level:	-14.14	Note:	Not Reported
Level reading date:	1940-12-21	Feet below surface:	Not Reported
Feet to sea level:	-14.92	Note:	Not Reported
Level reading date:	1940-12-14	Feet below surface:	Not Reported
Feet to sea level:	-14.34	Note:	Not Reported
Level reading date:	1940-12-07	Feet below surface:	Not Reported
Feet to sea level:	-13.64	Note:	Not Reported
Level reading date:	1940-11-30	Feet below surface:	Not Reported
Feet to sea level:	-14.75	Note:	Not Reported
Level reading date:	1940-11-23	Feet below surface:	Not Reported
Feet to sea level:	-14.41	Note:	Not Reported
Level reading date:	1940-11-16	Feet below surface:	Not Reported
Feet to sea level:	-14.70	Note:	Not Reported
Level reading date:	1940-11-09	Feet below surface:	Not Reported
Feet to sea level:	-14.95	Note:	Not Reported
Level reading date:	1940-11-02	Feet below surface:	Not Reported
Feet to sea level:	-15.36	Note:	Not Reported
Level reading date:	1940-10-26	Feet below surface:	Not Reported
Feet to sea level:	-14.90	Note:	Not Reported
Level reading date:	1940-10-19	Feet below surface:	Not Reported
Feet to sea level:	-15.09	Note:	Not Reported
Level reading date:	1940-10-12	Feet below surface:	Not Reported
Feet to sea level:	-15.24	Note:	Not Reported

Level reading date:	1940-10-05	Feet below surface:	Not Reported
Feet to sea level:	-15.31	Note:	Not Reported
Level reading date:	1940-09-28	Feet below surface:	Not Reported
Feet to sea level:	-16.60	Note:	Not Reported
Level reading date:	1940-09-21	Feet below surface:	Not Reported
Feet to sea level:	-15.69	Note:	Not Reported
Level reading date:	1940-09-14	Feet below surface:	Not Reported
Feet to sea level:	-15.94	Note:	Not Reported
Level reading date:	1940-09-07	Feet below surface:	Not Reported
Feet to sea level:	-15.55	Note:	Not Reported
Level reading date:	1940-08-31	Feet below surface:	Not Reported
Feet to sea level:	-16.17	Note:	Not Reported
Level reading date:	1940-08-24	Feet below surface:	Not Reported
Feet to sea level:	-16.14	Note:	Not Reported
Level reading date:	1940-08-17	Feet below surface:	Not Reported
Feet to sea level:	-15.50	Note:	Not Reported
Level reading date:	1940-08-10	Feet below surface:	Not Reported
Feet to sea level:	-15.43	Note:	Not Reported
Level reading date:	1940-08-03	Feet below surface:	Not Reported
Feet to sea level:	-15.47	Note:	Not Reported
Level reading date:	1940-07-27	Feet below surface:	Not Reported
Feet to sea level:	-15.44	Note:	Not Reported
Level reading date:	1940-07-20	Feet below surface:	Not Reported
Feet to sea level:	-14.86	Note:	Not Reported
Level reading date:	1940-07-13	Feet below surface:	Not Reported
Feet to sea level:	-15.18	Note:	Not Reported
Level reading date:	1940-07-06	Feet below surface:	Not Reported
Feet to sea level:	-14.88	Note:	Not Reported
Level reading date:	1940-06-29	Feet below surface:	Not Reported
Feet to sea level:	-14.50	Note:	Not Reported
Level reading date:	1940-06-22	Feet below surface:	Not Reported
Feet to sea level:	-14.66	Note:	Not Reported
Level reading date:	1940-06-15	Feet below surface:	Not Reported
Feet to sea level:	-15.15	Note:	Not Reported
Level reading date:	1940-06-08	Feet below surface:	Not Reported
Feet to sea level:	-14.43	Note:	Not Reported
Level reading date:	1940-06-01	Feet below surface:	Not Reported
Feet to sea level:	-14.12	Note:	Not Reported
Level reading date:	1940-05-25	Feet below surface:	Not Reported
Feet to sea level:	-14.15	Note:	Not Reported
Level reading date:	1940-05-18	Feet below surface:	Not Reported
Feet to sea level:	-14.28	Note:	Not Reported

Level reading date:	1940-05-11	Feet below surface:	Not Reported
Feet to sea level:	-13.94	Note:	Not Reported
Level reading date:	1940-05-04	Feet below surface:	Not Reported
Feet to sea level:	-13.96	Note:	Not Reported
Level reading date:	1940-04-27	Feet below surface:	Not Reported
Feet to sea level:	-13.94	Note:	Not Reported
Level reading date:	1940-04-20	Feet below surface:	Not Reported
Feet to sea level:	-13.65	Note:	Not Reported
Level reading date:	1940-04-13	Feet below surface:	Not Reported
Feet to sea level:	-13.76	Note:	Not Reported
Level reading date:	1940-04-06	Feet below surface:	Not Reported
Feet to sea level:	-13.12	Note:	Not Reported
Level reading date:	1940-03-30	Feet below surface:	Not Reported
Feet to sea level:	-12.59	Note:	Not Reported
Level reading date:	1940-03-23	Feet below surface:	Not Reported
Feet to sea level:	-13.59	Note:	Not Reported
Level reading date:	1940-03-16	Feet below surface:	Not Reported
Feet to sea level:	-13.35	Note:	Not Reported
Level reading date:	1940-03-09	Feet below surface:	Not Reported
Feet to sea level:	-14.07	Note:	Not Reported
Level reading date:	1940-03-02	Feet below surface:	Not Reported
Feet to sea level:	-13.82	Note:	Not Reported
Level reading date:	1940-02-24	Feet below surface:	Not Reported
Feet to sea level:	-14.22	Note:	Not Reported
Level reading date:	1940-02-17	Feet below surface:	Not Reported
Feet to sea level:	-13.58	Note:	Not Reported
Level reading date:	1940-02-10	Feet below surface:	Not Reported
Feet to sea level:	-13.57	Note:	Not Reported
Level reading date:	1940-02-03	Feet below surface:	Not Reported
Feet to sea level:	-13.32	Note:	Not Reported
Level reading date:	1940-01-27	Feet below surface:	Not Reported
Feet to sea level:	-13.46	Note:	Not Reported
Level reading date:	1940-01-20	Feet below surface:	Not Reported
Feet to sea level:	-13.70	Note:	Not Reported
Level reading date:	1940-01-13	Feet below surface:	Not Reported
Feet to sea level:	-14.34	Note:	Not Reported
Level reading date:	1940-01-06	Feet below surface:	Not Reported
Feet to sea level:	-14.20	Note:	Not Reported
Level reading date:	1939-12-30	Feet below surface:	Not Reported
Feet to sea level:	-13.60	Note:	Not Reported
Level reading date:	1939-12-23	Feet below surface:	Not Reported
Feet to sea level:	-13.70	Note:	Not Reported

Level reading date:	1939-12-16	Feet below surface:	Not Reported
Feet to sea level:	-13.59	Note:	Not Reported
Level reading date:	1939-12-09	Feet below surface:	Not Reported
Feet to sea level:	-13.93	Note:	Not Reported
Level reading date:	1939-12-02	Feet below surface:	Not Reported
Feet to sea level:	-13.30	Note:	Not Reported
Level reading date:	1939-11-25	Feet below surface:	Not Reported
Feet to sea level:	-13.73	Note:	Not Reported
Level reading date:	1939-11-18	Feet below surface:	Not Reported
Feet to sea level:	-13.96	Note:	Not Reported
Level reading date:	1939-11-11	Feet below surface:	Not Reported
Feet to sea level:	-14.48	Note:	Not Reported
Level reading date:	1939-11-04	Feet below surface:	Not Reported
Feet to sea level:	-14.32	Note:	Not Reported
Level reading date:	1939-10-28	Feet below surface:	Not Reported
Feet to sea level:	-15.32	Note:	Not Reported
Level reading date:	1939-10-21	Feet below surface:	Not Reported
Feet to sea level:	-15.59	Note:	Not Reported
Level reading date:	1939-10-14	Feet below surface:	Not Reported
Feet to sea level:	-15.72	Note:	Not Reported
Level reading date:	1939-10-07	Feet below surface:	Not Reported
Feet to sea level:	-15.47	Note:	Not Reported
Level reading date:	1939-09-30	Feet below surface:	Not Reported
Feet to sea level:	-16.89	Note:	Not Reported
Level reading date:	1939-09-23	Feet below surface:	Not Reported
Feet to sea level:	-16.26	Note:	Not Reported
Level reading date:	1939-09-16	Feet below surface:	Not Reported
Feet to sea level:	-15.77	Note:	Not Reported
Level reading date:	1939-09-08	Feet below surface:	Not Reported
Feet to sea level:	-16.16	Note:	Not Reported
Level reading date:	1939-09-01	Feet below surface:	Not Reported
Feet to sea level:	-16.41	Note:	Not Reported
Level reading date:	1939-08-25	Feet below surface:	Not Reported
Feet to sea level:	-16.45	Note:	Not Reported
Level reading date:	1939-08-18	Feet below surface:	Not Reported
Feet to sea level:	-16.02	Note:	Not Reported
Level reading date:	1939-08-11	Feet below surface:	Not Reported
Feet to sea level:	-15.74	Note:	Not Reported
Level reading date:	1939-08-04	Feet below surface:	Not Reported
Feet to sea level:	-15.72	Note:	Not Reported
Level reading date:	1939-07-28	Feet below surface:	Not Reported
Feet to sea level:	-16.73	Note:	Not Reported

Level reading date:	1939-07-21	Feet below surface:	Not Reported
Feet to sea level:	-16.22	Note:	Not Reported
Level reading date:	1939-07-14	Feet below surface:	Not Reported
Feet to sea level:	-16.05	Note:	Not Reported
Level reading date:	1939-07-07	Feet below surface:	Not Reported
Feet to sea level:	-15.06	Note:	Not Reported
Level reading date:	1939-06-30	Feet below surface:	Not Reported
Feet to sea level:	-15.29	Note:	Not Reported
Level reading date:	1939-06-23	Feet below surface:	Not Reported
Feet to sea level:	-15.04	Note:	Not Reported
Level reading date:	1939-06-16	Feet below surface:	Not Reported
Feet to sea level:	-15.36	Note:	Not Reported
Level reading date:	1939-06-09	Feet below surface:	Not Reported
Feet to sea level:	-14.96	Note:	Not Reported
Level reading date:	1939-06-02	Feet below surface:	Not Reported
Feet to sea level:	-15.15	Note:	Not Reported
Level reading date:	1939-05-26	Feet below surface:	Not Reported
Feet to sea level:	-14.09	Note:	Not Reported
Level reading date:	1939-05-19	Feet below surface:	Not Reported
Feet to sea level:	-14.44	Note:	Not Reported
Level reading date:	1939-05-12	Feet below surface:	Not Reported
Feet to sea level:	-14.44	Note:	Not Reported
Level reading date:	1939-05-05	Feet below surface:	Not Reported
Feet to sea level:	-14.25	Note:	Not Reported
Level reading date:	1939-04-28	Feet below surface:	Not Reported
Feet to sea level:	-13.83	Note:	Not Reported
Level reading date:	1939-04-21	Feet below surface:	Not Reported
Feet to sea level:	-14.32	Note:	Not Reported
Level reading date:	1939-04-15	Feet below surface:	Not Reported
Feet to sea level:	-13.92	Note:	Not Reported
Level reading date:	1939-04-08	Feet below surface:	Not Reported
Feet to sea level:	-13.84	Note:	Not Reported
Level reading date:	1939-03-31	Feet below surface:	Not Reported
Feet to sea level:	-14.33	Note:	Not Reported
Level reading date:	1939-03-17	Feet below surface:	Not Reported
Feet to sea level:	-15.04	Note:	Not Reported
Level reading date:	1939-03-10	Feet below surface:	Not Reported
Feet to sea level:	-14.82	Note:	Not Reported
Level reading date:	1939-03-03	Feet below surface:	Not Reported
Feet to sea level:	-14.80	Note:	Not Reported
Level reading date:	1939-02-24	Feet below surface:	Not Reported
Feet to sea level:	-14.35	Note:	Not Reported

Level reading date:	1939-02-17	Feet below surface:	Not Reported
Feet to sea level:	-14.30	Note:	Not Reported
Level reading date:	1939-02-10	Feet below surface:	Not Reported
Feet to sea level:	-14.45	Note:	Not Reported
Level reading date:	1939-02-03	Feet below surface:	Not Reported
Feet to sea level:	-14.98	Note:	Not Reported
Level reading date:	1939-01-27	Feet below surface:	Not Reported
Feet to sea level:	-15.14	Note:	Not Reported
Level reading date:	1939-01-20	Feet below surface:	Not Reported
Feet to sea level:	-14.68	Note:	Not Reported
Level reading date:	1939-01-13	Feet below surface:	Not Reported
Feet to sea level:	-15.15	Note:	Not Reported
Level reading date:	1939-01-06	Feet below surface:	Not Reported
Feet to sea level:	-14.77	Note:	Not Reported
Level reading date:	1938-12-30	Feet below surface:	Not Reported
Feet to sea level:	-14.49	Note:	Not Reported
Level reading date:	1938-12-23	Feet below surface:	Not Reported
Feet to sea level:	-14.30	Note:	Not Reported
Level reading date:	1938-12-16	Feet below surface:	Not Reported
Feet to sea level:	-14.79	Note:	Not Reported
Level reading date:	1938-12-09	Feet below surface:	Not Reported
Feet to sea level:	-13.50	Note:	Not Reported
Level reading date:	1938-12-02	Feet below surface:	Not Reported
Feet to sea level:	-14.81	Note:	Not Reported
Level reading date:	1938-11-25	Feet below surface:	Not Reported
Feet to sea level:	-14.84	Note:	Not Reported
Level reading date:	1938-11-18	Feet below surface:	Not Reported
Feet to sea level:	-15.06	Note:	Not Reported
Level reading date:	1938-11-11	Feet below surface:	Not Reported
Feet to sea level:	-14.95	Note:	Not Reported
Level reading date:	1938-11-04	Feet below surface:	Not Reported
Feet to sea level:	-14.28	Note:	Not Reported
Level reading date:	1938-10-28	Feet below surface:	Not Reported
Feet to sea level:	-14.04	Note:	Not Reported
Level reading date:	1938-10-21	Feet below surface:	Not Reported
Feet to sea level:	-13.85	Note:	Not Reported
Level reading date:	1938-10-14	Feet below surface:	Not Reported
Feet to sea level:	-13.74	Note:	Not Reported
Level reading date:	1938-10-07	Feet below surface:	Not Reported
Feet to sea level:	-13.73	Note:	Not Reported
Level reading date:	1938-09-30	Feet below surface:	Not Reported
Feet to sea level:	-13.63	Note:	Not Reported

Level reading date:	1938-09-23	Feet below surface:	Not Reported
Feet to sea level:	-13.72	Note:	Not Reported
Level reading date:	1938-09-16	Feet below surface:	Not Reported
Feet to sea level:	-13.63	Note:	Not Reported
Level reading date:	1938-09-09	Feet below surface:	Not Reported
Feet to sea level:	-13.70	Note:	Not Reported
Level reading date:	1938-09-02	Feet below surface:	Not Reported
Feet to sea level:	-13.38	Note:	Not Reported
Level reading date:	1938-08-26	Feet below surface:	Not Reported
Feet to sea level:	-13.68	Note:	Not Reported
Level reading date:	1938-08-19	Feet below surface:	Not Reported
Feet to sea level:	-13.35	Note:	Not Reported
Level reading date:	1938-08-12	Feet below surface:	Not Reported
Feet to sea level:	-13.33	Note:	Not Reported
Level reading date:	1938-08-05	Feet below surface:	Not Reported
Feet to sea level:	-13.09	Note:	Not Reported
Level reading date:	1938-07-29	Feet below surface:	Not Reported
Feet to sea level:	-13.05	Note:	Not Reported
Level reading date:	1938-07-15	Feet below surface:	Not Reported
Feet to sea level:	-12.79	Note:	Not Reported
Level reading date:	1938-07-08	Feet below surface:	Not Reported
Feet to sea level:	-12.65	Note:	Not Reported
Level reading date:	1938-07-01	Feet below surface:	Not Reported
Feet to sea level:	-12.52	Note:	Not Reported
Level reading date:	1938-06-25	Feet below surface:	Not Reported
Feet to sea level:	-12.57	Note:	Not Reported
Level reading date:	1938-06-11	Feet below surface:	Not Reported
Feet to sea level:	-12.18	Note:	Not Reported
Level reading date:	1938-06-04	Feet below surface:	Not Reported
Feet to sea level:	-12.26	Note:	Not Reported
Level reading date:	1938-05-28	Feet below surface:	Not Reported
Feet to sea level:	-12.22	Note:	Not Reported
Level reading date:	1938-05-21	Feet below surface:	Not Reported
Feet to sea level:	-12.05	Note:	Not Reported
Level reading date:	1938-05-14	Feet below surface:	Not Reported
Feet to sea level:	-12.20	Note:	Not Reported
Level reading date:	1938-05-07	Feet below surface:	Not Reported
Feet to sea level:	-12.24	Note:	Not Reported
Level reading date:	1938-04-30	Feet below surface:	Not Reported
Feet to sea level:	-12.29	Note:	Not Reported
Level reading date:	1938-04-23	Feet below surface:	Not Reported
Feet to sea level:	-12.15	Note:	Not Reported

Level reading date:	1938-04-16	Feet below surface:	Not Reported
Feet to sea level:	-11.98	Note:	Not Reported
Level reading date:	1938-04-02	Feet below surface:	Not Reported
Feet to sea level:	-11.64	Note:	Not Reported
Level reading date:	1938-03-26	Feet below surface:	Not Reported
Feet to sea level:	-11.52	Note:	Not Reported
Level reading date:	1938-03-19	Feet below surface:	Not Reported
Feet to sea level:	-11.54	Note:	Not Reported
Level reading date:	1938-03-12	Feet below surface:	Not Reported
Feet to sea level:	-11.69	Note:	Not Reported
Level reading date:	1938-03-05	Feet below surface:	Not Reported
Feet to sea level:	-11.52	Note:	Not Reported
Level reading date:	1938-02-26	Feet below surface:	Not Reported
Feet to sea level:	-11.72	Note:	Not Reported
Level reading date:	1938-02-19	Feet below surface:	Not Reported
Feet to sea level:	-11.63	Note:	Not Reported
Level reading date:	1938-02-12	Feet below surface:	Not Reported
Feet to sea level:	-11.74	Note:	Not Reported
Level reading date:	1938-02-04	Feet below surface:	Not Reported
Feet to sea level:	-12.43	Note:	Not Reported
Level reading date:	1938-01-28	Feet below surface:	Not Reported
Feet to sea level:	-12.66	Note:	Not Reported
Level reading date:	1938-01-21	Feet below surface:	Not Reported
Feet to sea level:	-12.31	Note:	Not Reported
Level reading date:	1938-01-14	Feet below surface:	Not Reported
Feet to sea level:	-12.22	Note:	Not Reported
Level reading date:	1938-01-07	Feet below surface:	Not Reported
Feet to sea level:	-12.00	Note:	Not Reported
Level reading date:	1937-12-31	Feet below surface:	Not Reported
Feet to sea level:	-11.96	Note:	Not Reported
Level reading date:	1937-12-24	Feet below surface:	Not Reported
Feet to sea level:	-12.09	Note:	Not Reported
Level reading date:	1937-12-18	Feet below surface:	Not Reported
Feet to sea level:	-12.12	Note:	Not Reported
Level reading date:	1937-12-11	Feet below surface:	Not Reported
Feet to sea level:	-12.11	Note:	Not Reported
Level reading date:	1937-12-04	Feet below surface:	Not Reported
Feet to sea level:	-12.05	Note:	Not Reported
Level reading date:	1937-11-27	Feet below surface:	Not Reported
Feet to sea level:	-12.45	Note:	Not Reported
Level reading date:	1937-11-20	Feet below surface:	Not Reported
Feet to sea level:	-12.09	Note:	Not Reported

Level reading date:	1937-11-13	Feet below surface:	Not Reported
Feet to sea level:	-12.02	Note:	Not Reported
Level reading date:	1937-11-08	Feet below surface:	Not Reported
Feet to sea level:	-12.50	Note:	Not Reported

C9
ESE **FED USGS** **USGS40000828284**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3261. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	172	Level reading date:	2002-01-28
Feet below surface:	Not Reported	Feet to sea level:	23.61
Note:	Not Reported		
Level reading date:	2001-12-28	Feet below surface:	Not Reported
Feet to sea level:	24.06	Note:	Not Reported
Level reading date:	2001-11-15	Feet below surface:	Not Reported
Feet to sea level:	24.59	Note:	Not Reported
Level reading date:	2001-10-24	Feet below surface:	Not Reported
Feet to sea level:	25.01	Note:	Not Reported
Level reading date:	2001-09-26	Feet below surface:	Not Reported
Feet to sea level:	25.44	Note:	Not Reported
Level reading date:	2001-08-30	Feet below surface:	Not Reported
Feet to sea level:	25.37	Note:	Not Reported
Level reading date:	2001-07-24	Feet below surface:	Not Reported
Feet to sea level:	25.18	Note:	Not Reported
Level reading date:	2001-06-28	Feet below surface:	Not Reported
Feet to sea level:	25.19	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	Not Reported
Feet to sea level:	24.70	Note:	Not Reported
Level reading date:	2001-04-25	Feet below surface:	Not Reported
Feet to sea level:	23.92	Note:	Not Reported
Level reading date:	2001-03-20	Feet below surface:	Not Reported
Feet to sea level:	23.35	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	Not Reported
Feet to sea level:	23.31	Note:	Not Reported
Level reading date:	2001-01-17	Feet below surface:	Not Reported

Feet to sea level:	23.54	Note:	Not Reported
Level reading date:	2000-12-19	Feet below surface:	Not Reported
Feet to sea level:	23.81	Note:	Not Reported
Level reading date:	2000-11-28	Feet below surface:	Not Reported
Feet to sea level:	23.96	Note:	Not Reported
Level reading date:	2000-10-24	Feet below surface:	Not Reported
Feet to sea level:	24.12	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	Not Reported
Feet to sea level:	24.22	Note:	Not Reported
Level reading date:	2000-08-24	Feet below surface:	Not Reported
Feet to sea level:	23.99	Note:	Not Reported
Level reading date:	2000-07-27	Feet below surface:	Not Reported
Feet to sea level:	23.81	Note:	Not Reported
Level reading date:	2000-06-28	Feet below surface:	Not Reported
Feet to sea level:	23.28	Note:	Not Reported
Level reading date:	2000-05-23	Feet below surface:	Not Reported
Feet to sea level:	23.03	Note:	Not Reported
Level reading date:	2000-04-27	Feet below surface:	Not Reported
Feet to sea level:	22.82	Note:	Not Reported
Level reading date:	2000-03-23	Feet below surface:	Not Reported
Feet to sea level:	22.79	Note:	Not Reported
Level reading date:	2000-02-29	Feet below surface:	Not Reported
Feet to sea level:	22.83	Note:	Not Reported
Level reading date:	1999-12-13	Feet below surface:	Not Reported
Feet to sea level:	23.24	Note:	Not Reported
Level reading date:	1999-11-23	Feet below surface:	Not Reported
Feet to sea level:	23.33	Note:	Not Reported
Level reading date:	1999-10-19	Feet below surface:	Not Reported
Feet to sea level:	23.59	Note:	Not Reported
Level reading date:	1999-09-23	Feet below surface:	Not Reported
Feet to sea level:	23.82	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	Not Reported
Feet to sea level:	24.03	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	Not Reported
Feet to sea level:	24.13	Note:	Not Reported
Level reading date:	1999-06-24	Feet below surface:	Not Reported
Feet to sea level:	24.17	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	Not Reported
Feet to sea level:	24.18	Note:	Not Reported
Level reading date:	1999-04-28	Feet below surface:	Not Reported
Feet to sea level:	24.22	Note:	Not Reported

Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	24.37	Note:	Not Reported
Level reading date:	1999-03-02	Feet below surface:	Not Reported
Feet to sea level:	24.62	Note:	Not Reported
Level reading date:	1999-01-27	Feet below surface:	Not Reported
Feet to sea level:	25.10	Note:	Not Reported
Level reading date:	1998-11-24	Feet below surface:	Not Reported
Feet to sea level:	26.29	Note:	Not Reported
Level reading date:	1998-10-29	Feet below surface:	Not Reported
Feet to sea level:	26.78	Note:	Not Reported
Level reading date:	1998-09-29	Feet below surface:	Not Reported
Feet to sea level:	27.33	Note:	Not Reported
Level reading date:	1998-09-01	Feet below surface:	Not Reported
Feet to sea level:	27.73	Note:	Not Reported
Level reading date:	1998-07-28	Feet below surface:	Not Reported
Feet to sea level:	27.89	Note:	Not Reported
Level reading date:	1998-06-10	Feet below surface:	Not Reported
Feet to sea level:	27.28	Note:	Not Reported
Level reading date:	1998-05-20	Feet below surface:	Not Reported
Feet to sea level:	26.72	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	26.16	Note:	Not Reported
Level reading date:	1998-03-25	Feet below surface:	Not Reported
Feet to sea level:	25.51	Note:	Not Reported
Level reading date:	1998-01-29	Feet below surface:	Not Reported
Feet to sea level:	25.48	Note:	Not Reported
Level reading date:	1997-12-17	Feet below surface:	Not Reported
Feet to sea level:	26.17	Note:	Not Reported
Level reading date:	1997-11-26	Feet below surface:	Not Reported
Feet to sea level:	26.39	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	Not Reported
Feet to sea level:	26.71	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	27.18	Note:	Not Reported
Level reading date:	1997-07-23	Feet below surface:	Not Reported
Feet to sea level:	27.56	Note:	Not Reported
Level reading date:	1997-06-26	Feet below surface:	Not Reported
Feet to sea level:	27.61	Note:	Not Reported
Level reading date:	1997-05-29	Feet below surface:	Not Reported
Feet to sea level:	27.43	Note:	Not Reported
Level reading date:	1997-03-18	Feet below surface:	Not Reported
Feet to sea level:	26.89	Note:	Not Reported

Level reading date:	1997-02-28	Feet below surface:	Not Reported
Feet to sea level:	26.82	Note:	Not Reported
Level reading date:	1997-01-24	Feet below surface:	Not Reported
Feet to sea level:	26.81	Note:	Not Reported
Level reading date:	1997-01-07	Feet below surface:	Not Reported
Feet to sea level:	26.69	Note:	Not Reported
Level reading date:	1996-09-19	Feet below surface:	Not Reported
Feet to sea level:	27.36	Note:	Not Reported
Level reading date:	1996-07-02	Feet below surface:	Not Reported
Feet to sea level:	27.45	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	Not Reported
Feet to sea level:	25.62	Note:	Not Reported
Level reading date:	1995-11-28	Feet below surface:	Not Reported
Feet to sea level:	25.39	Note:	Not Reported
Level reading date:	1995-09-26	Feet below surface:	Not Reported
Feet to sea level:	25.82	Note:	Not Reported
Level reading date:	1995-07-19	Feet below surface:	Not Reported
Feet to sea level:	26.07	Note:	Not Reported
Level reading date:	1995-05-23	Feet below surface:	Not Reported
Feet to sea level:	25.88	Note:	Not Reported
Level reading date:	1995-03-14	Feet below surface:	Not Reported
Feet to sea level:	25.11	Note:	Not Reported
Level reading date:	1995-01-25	Feet below surface:	Not Reported
Feet to sea level:	25.01	Note:	Not Reported
Level reading date:	1994-12-13	Feet below surface:	Not Reported
Feet to sea level:	25.36	Note:	Not Reported
Level reading date:	1994-10-18	Feet below surface:	Not Reported
Feet to sea level:	26.05	Note:	Not Reported
Level reading date:	1994-09-21	Feet below surface:	Not Reported
Feet to sea level:	26.44	Note:	Not Reported
Level reading date:	1994-08-24	Feet below surface:	Not Reported
Feet to sea level:	26.78	Note:	Not Reported
Level reading date:	1994-07-27	Feet below surface:	Not Reported
Feet to sea level:	26.83	Note:	Not Reported
Level reading date:	1994-06-20	Feet below surface:	Not Reported
Feet to sea level:	26.70	Note:	Not Reported
Level reading date:	1994-05-17	Feet below surface:	Not Reported
Feet to sea level:	26.23	Note:	Not Reported
Level reading date:	1994-04-26	Feet below surface:	Not Reported
Feet to sea level:	25.71	Note:	Not Reported
Level reading date:	1994-03-25	Feet below surface:	Not Reported
Feet to sea level:	25.46	Note:	Not Reported

Level reading date:	1994-02-22	Feet below surface:	Not Reported
Feet to sea level:	25.49	Note:	Not Reported
Level reading date:	1993-12-27	Feet below surface:	Not Reported
Feet to sea level:	24.83	Note:	Not Reported
Level reading date:	1993-11-18	Feet below surface:	Not Reported
Feet to sea level:	25.21	Note:	Not Reported
Level reading date:	1993-10-28	Feet below surface:	Not Reported
Feet to sea level:	25.49	Note:	Not Reported
Level reading date:	1993-09-15	Feet below surface:	Not Reported
Feet to sea level:	25.96	Note:	Not Reported
Level reading date:	1993-08-18	Feet below surface:	Not Reported
Feet to sea level:	26.27	Note:	Not Reported
Level reading date:	1993-07-15	Feet below surface:	Not Reported
Feet to sea level:	26.40	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	26.32	Note:	Not Reported
Level reading date:	1993-05-20	Feet below surface:	Not Reported
Feet to sea level:	25.95	Note:	Not Reported
Level reading date:	1993-04-29	Feet below surface:	Not Reported
Feet to sea level:	25.45	Note:	Not Reported
Level reading date:	1993-03-23	Feet below surface:	Not Reported
Feet to sea level:	24.84	Note:	Not Reported
Level reading date:	1993-02-24	Feet below surface:	Not Reported
Feet to sea level:	24.27	Note:	Not Reported
Level reading date:	1993-01-26	Feet below surface:	Not Reported
Feet to sea level:	24.11	Note:	Not Reported
Level reading date:	1992-12-29	Feet below surface:	Not Reported
Feet to sea level:	24.14	Note:	Not Reported
Level reading date:	1992-11-24	Feet below surface:	Not Reported
Feet to sea level:	24.04	Note:	Not Reported
Level reading date:	1992-10-28	Feet below surface:	Not Reported
Feet to sea level:	24.44	Note:	Not Reported
Level reading date:	1992-09-16	Feet below surface:	Not Reported
Feet to sea level:	24.47	Note:	Not Reported
Level reading date:	1992-08-25	Feet below surface:	Not Reported
Feet to sea level:	24.46	Note:	Not Reported
Level reading date:	1992-07-15	Feet below surface:	Not Reported
Feet to sea level:	24.45	Note:	Not Reported
Level reading date:	1992-06-23	Feet below surface:	Not Reported
Feet to sea level:	24.43	Note:	Not Reported
Level reading date:	1992-05-12	Feet below surface:	Not Reported
Feet to sea level:	24.56	Note:	Not Reported

Level reading date:	1992-04-14	Feet below surface:	Not Reported
Feet to sea level:	25.66	Note:	Not Reported
Level reading date:	1992-03-18	Feet below surface:	Not Reported
Feet to sea level:	25.91	Note:	Not Reported
Level reading date:	1992-02-19	Feet below surface:	Not Reported
Feet to sea level:	25.17	Note:	Not Reported
Level reading date:	1992-01-22	Feet below surface:	Not Reported
Feet to sea level:	26.45	Note:	Not Reported
Level reading date:	1991-12-18	Feet below surface:	Not Reported
Feet to sea level:	26.63	Note:	Not Reported
Level reading date:	1991-11-14	Feet below surface:	Not Reported
Feet to sea level:	25.85	Note:	Not Reported
Level reading date:	1991-10-16	Feet below surface:	Not Reported
Feet to sea level:	26.05	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	Not Reported
Feet to sea level:	26.22	Note:	Not Reported
Level reading date:	1991-08-15	Feet below surface:	Not Reported
Feet to sea level:	26.41	Note:	Not Reported
Level reading date:	1991-07-16	Feet below surface:	Not Reported
Feet to sea level:	26.63	Note:	Not Reported
Level reading date:	1991-06-12	Feet below surface:	Not Reported
Feet to sea level:	26.63	Note:	Not Reported
Level reading date:	1991-05-15	Feet below surface:	Not Reported
Feet to sea level:	26.51	Note:	Not Reported
Level reading date:	1991-04-15	Feet below surface:	Not Reported
Feet to sea level:	26.33	Note:	Not Reported
Level reading date:	1991-03-20	Feet below surface:	Not Reported
Feet to sea level:	26.31	Note:	Not Reported
Level reading date:	1991-02-21	Feet below surface:	Not Reported
Feet to sea level:	26.26	Note:	Not Reported
Level reading date:	1991-01-24	Feet below surface:	Not Reported
Feet to sea level:	26.30	Note:	Not Reported
Level reading date:	1990-12-10	Feet below surface:	Not Reported
Feet to sea level:	26.63	Note:	Not Reported
Level reading date:	1990-11-13	Feet below surface:	Not Reported
Feet to sea level:	26.66	Note:	Not Reported
Level reading date:	1990-10-10	Feet below surface:	Not Reported
Feet to sea level:	26.67	Note:	Not Reported
Level reading date:	1990-09-12	Feet below surface:	Not Reported
Feet to sea level:	26.52	Note:	Not Reported
Level reading date:	1990-08-14	Feet below surface:	Not Reported
Feet to sea level:	26.43	Note:	Not Reported

Level reading date:	1990-07-12	Feet below surface:	Not Reported
Feet to sea level:	26.41	Note:	Not Reported
Level reading date:	1990-06-20	Feet below surface:	Not Reported
Feet to sea level:	26.32	Note:	Not Reported
Level reading date:	1990-05-25	Feet below surface:	Not Reported
Feet to sea level:	26.20	Note:	Not Reported
Level reading date:	1990-04-24	Feet below surface:	Not Reported
Feet to sea level:	26.18	Note:	Not Reported
Level reading date:	1990-04-04	Feet below surface:	Not Reported
Feet to sea level:	26.26	Note:	Not Reported
Level reading date:	1990-03-27	Feet below surface:	Not Reported
Feet to sea level:	26.37	Note:	Not Reported
Level reading date:	1990-02-26	Feet below surface:	Not Reported
Feet to sea level:	26.45	Note:	Not Reported
Level reading date:	1990-01-24	Feet below surface:	Not Reported
Feet to sea level:	26.74	Note:	Not Reported
Level reading date:	1989-12-28	Feet below surface:	Not Reported
Feet to sea level:	26.91	Note:	Not Reported
Level reading date:	1989-11-21	Feet below surface:	Not Reported
Feet to sea level:	27.15	Note:	Not Reported
Level reading date:	1989-10-27	Feet below surface:	Not Reported
Feet to sea level:	26.86	Note:	Not Reported
Level reading date:	1989-09-29	Feet below surface:	Not Reported
Feet to sea level:	26.89	Note:	Not Reported
Level reading date:	1989-08-31	Feet below surface:	Not Reported
Feet to sea level:	26.60	Note:	Not Reported
Level reading date:	1989-07-25	Feet below surface:	Not Reported
Feet to sea level:	25.86	Note:	Not Reported
Level reading date:	1989-06-22	Feet below surface:	Not Reported
Feet to sea level:	25.06	Note:	Not Reported
Level reading date:	1989-05-22	Feet below surface:	Not Reported
Feet to sea level:	24.29	Note:	Not Reported
Level reading date:	1989-04-28	Feet below surface:	Not Reported
Feet to sea level:	24.10	Note:	Not Reported
Level reading date:	1989-04-11	Feet below surface:	Not Reported
Feet to sea level:	24.04	Note:	Not Reported
Level reading date:	1989-03-29	Feet below surface:	Not Reported
Feet to sea level:	24.03	Note:	Not Reported
Level reading date:	1989-02-28	Feet below surface:	Not Reported
Feet to sea level:	24.29	Note:	Not Reported
Level reading date:	1989-01-17	Feet below surface:	Not Reported
Feet to sea level:	24.42	Note:	Not Reported

Level reading date:	1988-12-09	Feet below surface:	Not Reported
Feet to sea level:	24.65	Note:	Not Reported
Level reading date:	1988-11-16	Feet below surface:	Not Reported
Feet to sea level:	24.83	Note:	Not Reported
Level reading date:	1988-10-19	Feet below surface:	Not Reported
Feet to sea level:	25.04	Note:	Not Reported
Level reading date:	1988-09-14	Feet below surface:	Not Reported
Feet to sea level:	25.20	Note:	Not Reported
Level reading date:	1988-08-31	Feet below surface:	Not Reported
Feet to sea level:	25.21	Note:	Not Reported
Level reading date:	1988-07-22	Feet below surface:	Not Reported
Feet to sea level:	25.33	Note:	Not Reported
Level reading date:	1988-06-17	Feet below surface:	Not Reported
Feet to sea level:	25.13	Note:	Not Reported
Level reading date:	1988-06-01	Feet below surface:	Not Reported
Feet to sea level:	25.26	Note:	Not Reported
Level reading date:	1985-10-01	Feet below surface:	Not Reported
Feet to sea level:	25.49	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	26.01	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	30.30	Note:	Not Reported
Level reading date:	1984-10-04	Feet below surface:	Not Reported
Feet to sea level:	31.41	Note:	Not Reported
Level reading date:	1984-06-28	Feet below surface:	Not Reported
Feet to sea level:	31.01	Note:	Not Reported
Level reading date:	1984-03-16	Feet below surface:	Not Reported
Feet to sea level:	31.86	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	28.48	Note:	Not Reported
Level reading date:	1983-09-28	Feet below surface:	Not Reported
Feet to sea level:	28.26	Note:	Not Reported
Level reading date:	1983-06-29	Feet below surface:	Not Reported
Feet to sea level:	26.81	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	25.81	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	25.81	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	25.68	Note:	Not Reported
Level reading date:	1982-06-30	Feet below surface:	Not Reported
Feet to sea level:	25.11	Note:	Not Reported

Level reading date:	1982-04-01	Feet below surface:	Not Reported
Feet to sea level:	25.30	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	25.47	Note:	Not Reported
Level reading date:	1981-09-23	Feet below surface:	Not Reported
Feet to sea level:	25.76	Note:	Not Reported
Level reading date:	1981-06-25	Feet below surface:	Not Reported
Feet to sea level:	26.23	Note:	Not Reported
Level reading date:	1981-03-20	Feet below surface:	Not Reported
Feet to sea level:	26.36	Note:	Not Reported
Level reading date:	1981-02-25	Feet below surface:	Not Reported
Feet to sea level:	26.37	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	28.27	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	28.28	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	30.01	Note:	Not Reported
Level reading date:	1980-09-02	Feet below surface:	Not Reported
Feet to sea level:	29.84	Note:	Not Reported
Level reading date:	1980-06-24	Feet below surface:	Not Reported
Feet to sea level:	29.35	Note:	Not Reported
Level reading date:	1980-06-10	Feet below surface:	Not Reported
Feet to sea level:	28.81	Note:	Not Reported
Level reading date:	1980-04-09	Feet below surface:	Not Reported
Feet to sea level:	24.66	Note:	Not Reported

D10
SW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000080**

Well Number:	K003438	Owner:	Nyc Sanitation Dept.
Well Depth:	66	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

D11
SW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000081**

Well Number:	K003438	Owner:	Nyc Sanitation Dept.
Well Depth:	66	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

12
South
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828120**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 646. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	194	Well Hole Depth Units:	ft

C13
ESE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828293**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3301. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	19840301	Well Depth:	70
Well Depth Units:	ft	Well Hole Depth:	70
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	136	Level reading date:	2005-02-15
Feet below surface:	Not Reported	Feet to sea level:	17.93
Note:	Not Reported		

Level reading date:	2005-01-21	Feet below surface:	Not Reported
Feet to sea level:	18.11	Note:	Not Reported
Level reading date:	2004-12-15	Feet below surface:	Not Reported
Feet to sea level:	17.65	Note:	Not Reported
Level reading date:	2004-11-30	Feet below surface:	Not Reported
Feet to sea level:	17.90	Note:	Not Reported
Level reading date:	2004-10-21	Feet below surface:	Not Reported
Feet to sea level:	18.16	Note:	Not Reported
Level reading date:	2004-09-21	Feet below surface:	Not Reported
Feet to sea level:	18.10	Note:	Not Reported
Level reading date:	2004-08-25	Feet below surface:	Not Reported
Feet to sea level:	17.98	Note:	Not Reported
Level reading date:	2004-07-20	Feet below surface:	Not Reported
Feet to sea level:	18.07	Note:	Not Reported
Level reading date:	2004-06-16	Feet below surface:	Not Reported

Feet to sea level:	18.05	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	18.32	Note:	Not Reported
Level reading date:	2004-04-30	Feet below surface:	Not Reported
Feet to sea level:	17.64	Note:	Not Reported
Level reading date:	2004-03-21	Feet below surface:	Not Reported
Feet to sea level:	17.53	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	17.74	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	17.38	Note:	Not Reported
Level reading date:	2003-11-19	Feet below surface:	Not Reported
Feet to sea level:	17.73	Note:	Not Reported
Level reading date:	2003-10-29	Feet below surface:	Not Reported
Feet to sea level:	18.06	Note:	Not Reported
Level reading date:	2003-09-24	Feet below surface:	Not Reported
Feet to sea level:	17.98	Note:	Not Reported
Level reading date:	2003-08-26	Feet below surface:	Not Reported
Feet to sea level:	18.00	Note:	Not Reported
Level reading date:	2003-07-21	Feet below surface:	Not Reported
Feet to sea level:	18.00	Note:	Not Reported
Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	17.30	Note:	Not Reported
Level reading date:	2003-05-20	Feet below surface:	Not Reported
Feet to sea level:	16.46	Note:	Not Reported
Level reading date:	2003-04-28	Feet below surface:	Not Reported
Feet to sea level:	16.50	Note:	Not Reported
Level reading date:	2003-03-17	Feet below surface:	Not Reported
Feet to sea level:	15.97	Note:	Not Reported
Level reading date:	2003-01-28	Feet below surface:	Not Reported
Feet to sea level:	14.80	Note:	Not Reported
Level reading date:	2002-12-27	Feet below surface:	Not Reported
Feet to sea level:	14.27	Note:	Not Reported
Level reading date:	2002-11-26	Feet below surface:	Not Reported
Feet to sea level:	13.89	Note:	Not Reported
Level reading date:	2002-10-21	Feet below surface:	Not Reported
Feet to sea level:	13.65	Note:	Not Reported
Level reading date:	2002-09-25	Feet below surface:	Not Reported
Feet to sea level:	13.35	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	Not Reported
Feet to sea level:	12.96	Note:	Not Reported

Level reading date:	2002-05-29	Feet below surface:	Not Reported
Feet to sea level:	13.27	Note:	Not Reported
Level reading date:	2002-04-24	Feet below surface:	Not Reported
Feet to sea level:	13.18	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	Not Reported
Feet to sea level:	13.99	Note:	Not Reported
Level reading date:	2002-02-27	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	2002-01-28	Feet below surface:	Not Reported
Feet to sea level:	14.15	Note:	Not Reported
Level reading date:	2001-12-28	Feet below surface:	Not Reported
Feet to sea level:	14.71	Note:	Not Reported
Level reading date:	2001-11-15	Feet below surface:	Not Reported
Feet to sea level:	14.98	Note:	Not Reported
Level reading date:	2001-10-24	Feet below surface:	Not Reported
Feet to sea level:	15.45	Note:	Not Reported
Level reading date:	2001-09-26	Feet below surface:	Not Reported
Feet to sea level:	15.31	Note:	Not Reported
Level reading date:	2001-08-30	Feet below surface:	Not Reported
Feet to sea level:	15.27	Note:	Not Reported
Level reading date:	2001-07-24	Feet below surface:	Not Reported
Feet to sea level:	15.40	Note:	Not Reported
Level reading date:	2001-06-28	Feet below surface:	Not Reported
Feet to sea level:	15.22	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	Not Reported
Feet to sea level:	15.06	Note:	Not Reported
Level reading date:	2001-04-25	Feet below surface:	Not Reported
Feet to sea level:	14.40	Note:	Not Reported
Level reading date:	2001-03-20	Feet below surface:	Not Reported
Feet to sea level:	13.62	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	Not Reported
Feet to sea level:	13.71	Note:	Not Reported
Level reading date:	2001-01-17	Feet below surface:	Not Reported
Feet to sea level:	14.04	Note:	Not Reported
Level reading date:	2000-12-19	Feet below surface:	Not Reported
Feet to sea level:	14.47	Note:	Not Reported
Level reading date:	2000-11-28	Feet below surface:	Not Reported
Feet to sea level:	14.57	Note:	Not Reported
Level reading date:	2000-10-24	Feet below surface:	Not Reported
Feet to sea level:	14.50	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	Not Reported
Feet to sea level:	14.53	Note:	Not Reported

Level reading date:	2000-08-24	Feet below surface:	Not Reported
Feet to sea level:	14.68	Note:	Not Reported
Level reading date:	2000-07-27	Feet below surface:	Not Reported
Feet to sea level:	14.32	Note:	Not Reported
Level reading date:	2000-06-28	Feet below surface:	Not Reported
Feet to sea level:	14.20	Note:	Not Reported
Level reading date:	2000-05-23	Feet below surface:	Not Reported
Feet to sea level:	14.08	Note:	Not Reported
Level reading date:	2000-04-27	Feet below surface:	Not Reported
Feet to sea level:	13.67	Note:	Not Reported
Level reading date:	2000-03-23	Feet below surface:	Not Reported
Feet to sea level:	13.63	Note:	Not Reported
Level reading date:	2000-02-29	Feet below surface:	Not Reported
Feet to sea level:	13.91	Note:	Not Reported
Level reading date:	1999-12-13	Feet below surface:	Not Reported
Feet to sea level:	14.14	Note:	Not Reported
Level reading date:	1999-11-23	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1999-10-19	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1999-09-23	Feet below surface:	Not Reported
Feet to sea level:	14.55	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	Not Reported
Feet to sea level:	14.60	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	Not Reported
Feet to sea level:	14.81	Note:	Not Reported
Level reading date:	1999-06-24	Feet below surface:	Not Reported
Feet to sea level:	14.97	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	Not Reported
Feet to sea level:	14.95	Note:	Not Reported
Level reading date:	1999-04-28	Feet below surface:	Not Reported
Feet to sea level:	14.73	Note:	Not Reported
Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	14.93	Note:	Not Reported
Level reading date:	1999-03-02	Feet below surface:	Not Reported
Feet to sea level:	15.53	Note:	Not Reported
Level reading date:	1999-01-27	Feet below surface:	Not Reported
Feet to sea level:	15.64	Note:	Not Reported
Level reading date:	1998-11-24	Feet below surface:	Not Reported
Feet to sea level:	16.67	Note:	Not Reported
Level reading date:	1998-10-29	Feet below surface:	Not Reported
Feet to sea level:	17.12	Note:	Not Reported

Level reading date:	1998-09-29	Feet below surface:	Not Reported
Feet to sea level:	17.31	Note:	Not Reported
Level reading date:	1998-09-01	Feet below surface:	Not Reported
Feet to sea level:	17.65	Note:	Not Reported
Level reading date:	1998-07-28	Feet below surface:	Not Reported
Feet to sea level:	17.91	Note:	Not Reported
Level reading date:	1998-06-10	Feet below surface:	Not Reported
Feet to sea level:	17.38	Note:	Not Reported
Level reading date:	1998-05-20	Feet below surface:	Not Reported
Feet to sea level:	17.34	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	16.42	Note:	Not Reported
Level reading date:	1998-03-25	Feet below surface:	Not Reported
Feet to sea level:	15.66	Note:	Not Reported
Level reading date:	1998-01-29	Feet below surface:	Not Reported
Feet to sea level:	16.33	Note:	Not Reported
Level reading date:	1997-12-17	Feet below surface:	Not Reported
Feet to sea level:	16.36	Note:	Not Reported
Level reading date:	1997-11-26	Feet below surface:	Not Reported
Feet to sea level:	16.74	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	Not Reported
Feet to sea level:	16.21	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	17.75	Note:	Not Reported
Level reading date:	1997-07-23	Feet below surface:	Not Reported
Feet to sea level:	17.19	Note:	Not Reported
Level reading date:	1997-06-26	Feet below surface:	Not Reported
Feet to sea level:	17.68	Note:	Not Reported
Level reading date:	1997-05-29	Feet below surface:	Not Reported
Feet to sea level:	17.13	Note:	Not Reported
Level reading date:	1997-03-18	Feet below surface:	Not Reported
Feet to sea level:	17.00	Note:	Not Reported
Level reading date:	1997-02-28	Feet below surface:	Not Reported
Feet to sea level:	16.98	Note:	Not Reported
Level reading date:	1997-01-24	Feet below surface:	Not Reported
Feet to sea level:	16.45	Note:	Not Reported
Level reading date:	1997-01-07	Feet below surface:	Not Reported
Feet to sea level:	16.99	Note:	Not Reported
Level reading date:	1996-09-19	Feet below surface:	Not Reported
Feet to sea level:	17.13	Note:	Not Reported
Level reading date:	1996-07-02	Feet below surface:	Not Reported
Feet to sea level:	17.51	Note:	Not Reported

Level reading date:	1996-03-13	Feet below surface:	Not Reported
Feet to sea level:	16.21	Note:	Not Reported
Level reading date:	1995-11-28	Feet below surface:	Not Reported
Feet to sea level:	16.10	Note:	Not Reported
Level reading date:	1995-09-26	Feet below surface:	Not Reported
Feet to sea level:	16.28	Note:	Not Reported
Level reading date:	1995-07-19	Feet below surface:	Not Reported
Feet to sea level:	16.44	Note:	Not Reported
Level reading date:	1995-05-23	Feet below surface:	Not Reported
Feet to sea level:	15.97	Note:	Not Reported
Level reading date:	1995-03-14	Feet below surface:	Not Reported
Feet to sea level:	15.95	Note:	Not Reported
Level reading date:	1995-01-25	Feet below surface:	Not Reported
Feet to sea level:	15.56	Note:	Not Reported
Level reading date:	1994-12-13	Feet below surface:	Not Reported
Feet to sea level:	15.62	Note:	Not Reported
Level reading date:	1994-10-18	Feet below surface:	Not Reported
Feet to sea level:	16.51	Note:	Not Reported
Level reading date:	1994-09-21	Feet below surface:	Not Reported
Feet to sea level:	16.49	Note:	Not Reported
Level reading date:	1994-08-24	Feet below surface:	Not Reported
Feet to sea level:	16.44	Note:	Not Reported
Level reading date:	1994-07-27	Feet below surface:	Not Reported
Feet to sea level:	17.01	Note:	Not Reported
Level reading date:	1994-06-20	Feet below surface:	Not Reported
Feet to sea level:	16.79	Note:	Not Reported
Level reading date:	1994-05-17	Feet below surface:	Not Reported
Feet to sea level:	16.81	Note:	Not Reported
Level reading date:	1994-04-26	Feet below surface:	Not Reported
Feet to sea level:	16.30	Note:	Not Reported
Level reading date:	1994-03-25	Feet below surface:	Not Reported
Feet to sea level:	15.83	Note:	Not Reported
Level reading date:	1994-02-22	Feet below surface:	Not Reported
Feet to sea level:	15.29	Note:	Not Reported
Level reading date:	1993-12-27	Feet below surface:	Not Reported
Feet to sea level:	15.00	Note:	Not Reported
Level reading date:	1993-11-18	Feet below surface:	Not Reported
Feet to sea level:	15.68	Note:	Not Reported
Level reading date:	1993-10-28	Feet below surface:	Not Reported
Feet to sea level:	16.30	Note:	Not Reported
Level reading date:	1993-09-15	Feet below surface:	Not Reported
Feet to sea level:	16.23	Note:	Not Reported

Level reading date:	1993-08-18	Feet below surface:	Not Reported
Feet to sea level:	16.45	Note:	Not Reported
Level reading date:	1993-07-15	Feet below surface:	Not Reported
Feet to sea level:	16.55	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	16.77	Note:	Not Reported
Level reading date:	1993-05-20	Feet below surface:	Not Reported
Feet to sea level:	16.45	Note:	Not Reported
Level reading date:	1993-04-29	Feet below surface:	Not Reported
Feet to sea level:	15.66	Note:	Not Reported
Level reading date:	1993-03-26	Feet below surface:	Not Reported
Feet to sea level:	15.16	Note:	Not Reported
Level reading date:	1993-02-24	Feet below surface:	Not Reported
Feet to sea level:	14.86	Note:	Not Reported
Level reading date:	1993-01-26	Feet below surface:	Not Reported
Feet to sea level:	14.61	Note:	Not Reported
Level reading date:	1992-12-29	Feet below surface:	Not Reported
Feet to sea level:	14.67	Note:	Not Reported
Level reading date:	1992-11-24	Feet below surface:	Not Reported
Feet to sea level:	14.83	Note:	Not Reported
Level reading date:	1992-03-18	Feet below surface:	Not Reported
Feet to sea level:	15.50	Note:	Not Reported
Level reading date:	1991-03-20	Feet below surface:	Not Reported
Feet to sea level:	16.73	Note:	Not Reported
Level reading date:	1990-04-04	Feet below surface:	Not Reported
Feet to sea level:	17.50	Note:	Not Reported
Level reading date:	1990-03-27	Feet below surface:	Not Reported
Feet to sea level:	16.61	Note:	Not Reported
Level reading date:	1989-04-11	Feet below surface:	Not Reported
Feet to sea level:	14.51	Note:	Not Reported
Level reading date:	1988-06-01	Feet below surface:	Not Reported
Feet to sea level:	15.82	Note:	Not Reported
Level reading date:	1985-10-01	Feet below surface:	Not Reported
Feet to sea level:	16.10	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	16.78	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	18.60	Note:	Not Reported
Level reading date:	1984-10-04	Feet below surface:	Not Reported
Feet to sea level:	20.10	Note:	Not Reported
Level reading date:	1984-06-28	Feet below surface:	Not Reported
Feet to sea level:	20.16	Note:	Not Reported

Level reading date:	1984-03-16	Feet below surface:	Not Reported
Feet to sea level:	18.46	Note:	Not Reported
Level reading date:	1984-03-02	Feet below surface:	Not Reported
Feet to sea level:	18.37	Note:	Not Reported

E14
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000828518**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 694. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	117	Well Hole Depth Units:	ft

15
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828114**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 648. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	197	Well Hole Depth Units:	ft

E16
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000828512**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 725. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	115	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F17
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828117**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 920. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	164	Well Hole Depth Units:	ft

E18
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828532**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 731. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	210	Well Hole Depth Units:	ft

G19
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828451**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 657. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	227	Well Hole Depth Units:	ft

20
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828544**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 676. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	163	Well Hole Depth Units:	ft

F21
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828115**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 916. 1	Type:	Well
Description:	2101	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	162	Well Hole Depth Units:	ft

G22
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828468**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 19. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Jameco Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	186
Well Depth Units:	ft	Well Hole Depth:	186
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	276	Level reading date:	2003-03-17
Feet below surface:	Not Reported	Feet to sea level:	8.15
Note:	Not Reported		
Level reading date:	2002-03-21	Feet below surface:	Not Reported
Feet to sea level:	7.73	Note:	Not Reported
Level reading date:	2001-03-21	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	2000-03-22	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported
Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	8.43	Note:	Not Reported
Level reading date:	1998-05-28	Feet below surface:	Not Reported
Feet to sea level:	8.88	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported

Feet to sea level:	8.67	Note:	Not Reported
Level reading date:	1998-03-25	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1998-02-26	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1998-01-26	Feet below surface:	Not Reported
Feet to sea level:	8.27	Note:	Not Reported
Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	8.33	Note:	Not Reported
Level reading date:	1997-11-26	Feet below surface:	Not Reported
Feet to sea level:	8.48	Note:	Not Reported
Level reading date:	1997-10-29	Feet below surface:	Not Reported
Feet to sea level:	8.39	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	8.56	Note:	Not Reported
Level reading date:	1997-03-18	Feet below surface:	Not Reported
Feet to sea level:	8.57	Note:	Not Reported
Level reading date:	1996-07-12	Feet below surface:	Not Reported
Feet to sea level:	8.31	Note:	Not Reported
Level reading date:	1995-09-29	Feet below surface:	Not Reported
Feet to sea level:	7.73	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	Not Reported
Feet to sea level:	7.87	Note:	Not Reported
Level reading date:	1995-03-15	Feet below surface:	Not Reported
Feet to sea level:	8.28	Note:	Not Reported
Level reading date:	1995-01-03	Feet below surface:	Not Reported
Feet to sea level:	8.59	Note:	Not Reported
Level reading date:	1994-06-28	Feet below surface:	Not Reported
Feet to sea level:	8.97	Note:	Not Reported
Level reading date:	1993-11-22	Feet below surface:	Not Reported
Feet to sea level:	8.35	Note:	Not Reported
Level reading date:	1993-08-25	Feet below surface:	Not Reported
Feet to sea level:	8.38	Note:	Not Reported
Level reading date:	1993-07-22	Feet below surface:	Not Reported
Feet to sea level:	8.51	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	8.66	Note:	Not Reported
Level reading date:	1993-05-24	Feet below surface:	Not Reported
Feet to sea level:	8.82	Note:	Not Reported
Level reading date:	1993-04-28	Feet below surface:	Not Reported
Feet to sea level:	8.91	Note:	Not Reported

Level reading date:	1993-03-23	Feet below surface:	Not Reported
Feet to sea level:	8.44	Note:	Not Reported
Level reading date:	1993-01-19	Feet below surface:	Not Reported
Feet to sea level:	8.41	Note:	Not Reported
Level reading date:	1992-12-28	Feet below surface:	Not Reported
Feet to sea level:	8.39	Note:	Not Reported
Level reading date:	1992-11-19	Feet below surface:	Not Reported
Feet to sea level:	8.25	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	8.29	Note:	Not Reported
Level reading date:	1992-09-18	Feet below surface:	Not Reported
Feet to sea level:	8.37	Note:	Not Reported
Level reading date:	1992-08-24	Feet below surface:	Not Reported
Feet to sea level:	8.34	Note:	Not Reported
Level reading date:	1992-07-14	Feet below surface:	Not Reported
Feet to sea level:	8.31	Note:	Not Reported
Level reading date:	1989-03-08	Feet below surface:	Not Reported
Feet to sea level:	8.14	Note:	Not Reported
Level reading date:	1988-06-01	Feet below surface:	Not Reported
Feet to sea level:	8.17	Note:	Not Reported
Level reading date:	1987-09-10	Feet below surface:	Not Reported
Feet to sea level:	7.97	Note:	Not Reported
Level reading date:	1987-03-10	Feet below surface:	Not Reported
Feet to sea level:	7.79	Note:	Not Reported
Level reading date:	1986-09-10	Feet below surface:	Not Reported
Feet to sea level:	7.46	Note:	Not Reported
Level reading date:	1986-06-13	Feet below surface:	Not Reported
Feet to sea level:	7.59	Note:	Not Reported
Level reading date:	1985-12-03	Feet below surface:	Not Reported
Feet to sea level:	7.64	Note:	Not Reported
Level reading date:	1985-10-01	Feet below surface:	Not Reported
Feet to sea level:	7.57	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	8.48	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	10.17	Note:	Not Reported
Level reading date:	1984-10-05	Feet below surface:	Not Reported
Feet to sea level:	9.78	Note:	Not Reported
Level reading date:	1984-06-28	Feet below surface:	Not Reported
Feet to sea level:	10.27	Note:	Not Reported
Level reading date:	1984-03-16	Feet below surface:	Not Reported
Feet to sea level:	9.83	Note:	Not Reported

Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	9.80	Note:	Not Reported
Level reading date:	1983-09-28	Feet below surface:	Not Reported
Feet to sea level:	8.34	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	8.83	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	8.27	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	8.56	Note:	Not Reported
Level reading date:	1982-06-30	Feet below surface:	Not Reported
Feet to sea level:	8.87	Note:	Not Reported
Level reading date:	1982-04-02	Feet below surface:	Not Reported
Feet to sea level:	9.08	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	8.77	Note:	Not Reported
Level reading date:	1981-09-23	Feet below surface:	Not Reported
Feet to sea level:	8.47	Note:	Not Reported
Level reading date:	1981-06-25	Feet below surface:	Not Reported
Feet to sea level:	8.96	Note:	Not Reported
Level reading date:	1981-03-27	Feet below surface:	Not Reported
Feet to sea level:	9.41	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	9.60	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	9.87	Note:	Not Reported
Level reading date:	1980-06-19	Feet below surface:	Not Reported
Feet to sea level:	10.29	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	Not Reported
Feet to sea level:	9.46	Note:	Not Reported
Level reading date:	1979-12-18	Feet below surface:	Not Reported
Feet to sea level:	10.02	Note:	Not Reported
Level reading date:	1979-09-17	Feet below surface:	Not Reported
Feet to sea level:	10.47	Note:	Not Reported
Level reading date:	1979-06-28	Feet below surface:	Not Reported
Feet to sea level:	10.58	Note:	Not Reported
Level reading date:	1978-06-14	Feet below surface:	Not Reported
Feet to sea level:	10.18	Note:	Not Reported
Level reading date:	1977-03-29	Feet below surface:	Not Reported
Feet to sea level:	7.77	Note:	Not Reported
Level reading date:	1976-12-21	Feet below surface:	Not Reported
Feet to sea level:	8.00	Note:	Not Reported

Level reading date:	1976-09-22	Feet below surface:	Not Reported
Feet to sea level:	7.99	Note:	Not Reported
Level reading date:	1976-07-09	Feet below surface:	Not Reported
Feet to sea level:	7.97	Note:	Not Reported
Level reading date:	1975-12-16	Feet below surface:	Not Reported
Feet to sea level:	8.03	Note:	Not Reported
Level reading date:	1975-10-07	Feet below surface:	Not Reported
Feet to sea level:	8.41	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	7.50	Note:	Not Reported
Level reading date:	1975-03-26	Feet below surface:	Not Reported
Feet to sea level:	7.85	Note:	Not Reported
Level reading date:	1974-12-20	Feet below surface:	Not Reported
Feet to sea level:	7.83	Note:	Not Reported
Level reading date:	1974-09-25	Feet below surface:	Not Reported
Feet to sea level:	7.62	Note:	Not Reported
Level reading date:	1974-09-05	Feet below surface:	Not Reported
Feet to sea level:	7.95	Note:	Not Reported
Level reading date:	1974-06-28	Feet below surface:	Not Reported
Feet to sea level:	7.98	Note:	Not Reported
Level reading date:	1974-03-19	Feet below surface:	Not Reported
Feet to sea level:	8.20	Note:	Not Reported
Level reading date:	1974-01-09	Feet below surface:	Not Reported
Feet to sea level:	8.24	Note:	Not Reported
Level reading date:	1973-09-25	Feet below surface:	Not Reported
Feet to sea level:	7.29	Note:	Not Reported
Level reading date:	1973-07-09	Feet below surface:	Not Reported
Feet to sea level:	7.77	Note:	Not Reported
Level reading date:	1973-04-03	Feet below surface:	Not Reported
Feet to sea level:	7.58	Note:	Not Reported
Level reading date:	1972-12-27	Feet below surface:	Not Reported
Feet to sea level:	7.37	Note:	Not Reported
Level reading date:	1972-09-29	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1972-07-10	Feet below surface:	Not Reported
Feet to sea level:	7.67	Note:	Not Reported
Level reading date:	1972-03-28	Feet below surface:	Not Reported
Feet to sea level:	6.77	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported
Level reading date:	1971-09-23	Feet below surface:	Not Reported
Feet to sea level:	7.01	Note:	Not Reported

Level reading date:	1971-07-28	Feet below surface:	Not Reported
Feet to sea level:	8.33	Note:	Not Reported
Level reading date:	1971-05-05	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1971-03-08	Feet below surface:	Not Reported
Feet to sea level:	5.38	Note:	Not Reported
Level reading date:	1971-02-09	Feet below surface:	Not Reported
Feet to sea level:	6.59	Note:	Not Reported
Level reading date:	1970-10-30	Feet below surface:	Not Reported
Feet to sea level:	6.38	Note:	Not Reported
Level reading date:	1970-05-08	Feet below surface:	Not Reported
Feet to sea level:	6.67	Note:	Not Reported
Level reading date:	1970-03-13	Feet below surface:	Not Reported
Feet to sea level:	6.38	Note:	Not Reported
Level reading date:	1970-02-06	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	1969-11-10	Feet below surface:	Not Reported
Feet to sea level:	5.90	Note:	Not Reported
Level reading date:	1969-09-02	Feet below surface:	Not Reported
Feet to sea level:	5.69	Note:	Not Reported
Level reading date:	1969-08-04	Feet below surface:	Not Reported
Feet to sea level:	5.48	Note:	Not Reported
Level reading date:	1969-07-02	Feet below surface:	Not Reported
Feet to sea level:	5.14	Note:	Not Reported
Level reading date:	1969-05-28	Feet below surface:	Not Reported
Feet to sea level:	5.00	Note:	Not Reported
Level reading date:	1969-04-22	Feet below surface:	Not Reported
Feet to sea level:	4.99	Note:	Not Reported
Level reading date:	1969-04-01	Feet below surface:	Not Reported
Feet to sea level:	4.79	Note:	Not Reported
Level reading date:	1969-03-01	Feet below surface:	Not Reported
Feet to sea level:	4.59	Note:	Not Reported
Level reading date:	1969-01-30	Feet below surface:	Not Reported
Feet to sea level:	4.57	Note:	Not Reported
Level reading date:	1969-01-08	Feet below surface:	Not Reported
Feet to sea level:	4.39	Note:	Not Reported
Level reading date:	1968-12-03	Feet below surface:	Not Reported
Feet to sea level:	4.07	Note:	Not Reported
Level reading date:	1968-11-06	Feet below surface:	Not Reported
Feet to sea level:	3.87	Note:	Not Reported
Level reading date:	1968-09-30	Feet below surface:	Not Reported
Feet to sea level:	3.94	Note:	Not Reported

Level reading date:	1968-08-28	Feet below surface:	Not Reported
Feet to sea level:	3.92	Note:	Not Reported
Level reading date:	1968-07-29	Feet below surface:	Not Reported
Feet to sea level:	4.13	Note:	Not Reported
Level reading date:	1968-06-26	Feet below surface:	Not Reported
Feet to sea level:	4.15	Note:	Not Reported
Level reading date:	1968-05-28	Feet below surface:	Not Reported
Feet to sea level:	4.12	Note:	Not Reported
Level reading date:	1968-04-22	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1968-03-27	Feet below surface:	Not Reported
Feet to sea level:	4.29	Note:	Not Reported
Level reading date:	1968-03-06	Feet below surface:	Not Reported
Feet to sea level:	4.01	Note:	Not Reported
Level reading date:	1968-02-05	Feet below surface:	Not Reported
Feet to sea level:	4.29	Note:	Not Reported
Level reading date:	1968-01-02	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1967-11-29	Feet below surface:	Not Reported
Feet to sea level:	3.93	Note:	Not Reported
Level reading date:	1967-10-20	Feet below surface:	Not Reported
Feet to sea level:	3.62	Note:	Not Reported
Level reading date:	1967-09-26	Feet below surface:	Not Reported
Feet to sea level:	3.82	Note:	Not Reported
Level reading date:	1967-09-07	Feet below surface:	Not Reported
Feet to sea level:	3.82	Note:	Not Reported
Level reading date:	1967-07-28	Feet below surface:	Not Reported
Feet to sea level:	3.56	Note:	Not Reported
Level reading date:	1967-07-06	Feet below surface:	Not Reported
Feet to sea level:	3.57	Note:	Not Reported
Level reading date:	1967-05-31	Feet below surface:	Not Reported
Feet to sea level:	3.67	Note:	Not Reported
Level reading date:	1967-05-04	Feet below surface:	Not Reported
Feet to sea level:	3.38	Note:	Not Reported
Level reading date:	1967-03-29	Feet below surface:	Not Reported
Feet to sea level:	3.48	Note:	Not Reported
Level reading date:	1967-02-24	Feet below surface:	Not Reported
Feet to sea level:	3.25	Note:	Not Reported
Level reading date:	1967-01-31	Feet below surface:	Not Reported
Feet to sea level:	1.93	Note:	Not Reported
Level reading date:	1966-12-23	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported

Level reading date:	1966-12-01	Feet below surface:	Not Reported
Feet to sea level:	2.96	Note:	Not Reported
Level reading date:	1966-10-25	Feet below surface:	Not Reported
Feet to sea level:	2.68	Note:	Not Reported
Level reading date:	1966-09-30	Feet below surface:	Not Reported
Feet to sea level:	2.66	Note:	Not Reported
Level reading date:	1966-08-29	Feet below surface:	Not Reported
Feet to sea level:	2.64	Note:	Not Reported
Level reading date:	1966-07-29	Feet below surface:	Not Reported
Feet to sea level:	2.59	Note:	Not Reported
Level reading date:	1966-06-27	Feet below surface:	Not Reported
Feet to sea level:	2.94	Note:	Not Reported
Level reading date:	1966-05-26	Feet below surface:	Not Reported
Feet to sea level:	3.17	Note:	Not Reported
Level reading date:	1966-05-04	Feet below surface:	Not Reported
Feet to sea level:	3.16	Note:	Not Reported
Level reading date:	1966-03-30	Feet below surface:	Not Reported
Feet to sea level:	3.31	Note:	Not Reported
Level reading date:	1966-03-02	Feet below surface:	Not Reported
Feet to sea level:	3.07	Note:	Not Reported
Level reading date:	1966-01-28	Feet below surface:	Not Reported
Feet to sea level:	3.08	Note:	Not Reported
Level reading date:	1965-12-30	Feet below surface:	Not Reported
Feet to sea level:	3.41	Note:	Not Reported
Level reading date:	1965-12-02	Feet below surface:	Not Reported
Feet to sea level:	3.12	Note:	Not Reported
Level reading date:	1965-10-28	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported
Level reading date:	1965-10-07	Feet below surface:	Not Reported
Feet to sea level:	3.07	Note:	Not Reported
Level reading date:	1965-09-09	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported
Level reading date:	1965-07-23	Feet below surface:	Not Reported
Feet to sea level:	3.13	Note:	Not Reported
Level reading date:	1965-06-24	Feet below surface:	Not Reported
Feet to sea level:	3.15	Note:	Not Reported
Level reading date:	1965-05-24	Feet below surface:	Not Reported
Feet to sea level:	3.28	Note:	Not Reported
Level reading date:	1965-05-04	Feet below surface:	Not Reported
Feet to sea level:	3.31	Note:	Not Reported
Level reading date:	1965-03-25	Feet below surface:	Not Reported
Feet to sea level:	3.03	Note:	Not Reported

Level reading date:	1965-02-24	Feet below surface:	Not Reported
Feet to sea level:	3.00	Note:	Not Reported
Level reading date:	1965-01-29	Feet below surface:	Not Reported
Feet to sea level:	2.80	Note:	Not Reported
Level reading date:	1964-12-31	Feet below surface:	Not Reported
Feet to sea level:	2.49	Note:	Not Reported
Level reading date:	1964-11-25	Feet below surface:	Not Reported
Feet to sea level:	2.69	Note:	Not Reported
Level reading date:	1964-11-02	Feet below surface:	Not Reported
Feet to sea level:	2.72	Note:	Not Reported
Level reading date:	1964-10-01	Feet below surface:	Not Reported
Feet to sea level:	2.57	Note:	Not Reported
Level reading date:	1964-09-02	Feet below surface:	Not Reported
Feet to sea level:	2.32	Note:	Not Reported
Level reading date:	1964-07-27	Feet below surface:	Not Reported
Feet to sea level:	2.89	Note:	Not Reported
Level reading date:	1964-07-06	Feet below surface:	Not Reported
Feet to sea level:	2.79	Note:	Not Reported
Level reading date:	1964-05-28	Feet below surface:	Not Reported
Feet to sea level:	2.74	Note:	Not Reported
Level reading date:	1964-04-23	Feet below surface:	Not Reported
Feet to sea level:	2.76	Note:	Not Reported
Level reading date:	1964-03-30	Feet below surface:	Not Reported
Feet to sea level:	2.85	Note:	Not Reported
Level reading date:	1964-02-28	Feet below surface:	Not Reported
Feet to sea level:	2.58	Note:	Not Reported
Level reading date:	1964-01-28	Feet below surface:	Not Reported
Feet to sea level:	2.45	Note:	Not Reported
Level reading date:	1963-12-31	Feet below surface:	Not Reported
Feet to sea level:	2.20	Note:	Not Reported
Level reading date:	1963-12-05	Feet below surface:	Not Reported
Feet to sea level:	2.14	Note:	Not Reported
Level reading date:	1963-11-05	Feet below surface:	Not Reported
Feet to sea level:	2.14	Note:	Not Reported
Level reading date:	1963-09-30	Feet below surface:	Not Reported
Feet to sea level:	2.23	Note:	Not Reported
Level reading date:	1963-09-03	Feet below surface:	Not Reported
Feet to sea level:	2.44	Note:	Not Reported
Level reading date:	1963-07-30	Feet below surface:	Not Reported
Feet to sea level:	2.43	Note:	Not Reported
Level reading date:	1963-07-02	Feet below surface:	Not Reported
Feet to sea level:	2.61	Note:	Not Reported

Level reading date:	1963-06-03	Feet below surface:	Not Reported
Feet to sea level:	2.92	Note:	Not Reported
Level reading date:	1963-04-25	Feet below surface:	Not Reported
Feet to sea level:	3.04	Note:	Not Reported
Level reading date:	1963-03-29	Feet below surface:	Not Reported
Feet to sea level:	3.04	Note:	Not Reported
Level reading date:	1963-02-28	Feet below surface:	Not Reported
Feet to sea level:	3.02	Note:	Not Reported
Level reading date:	1963-01-31	Feet below surface:	Not Reported
Feet to sea level:	3.06	Note:	Not Reported
Level reading date:	1963-01-03	Feet below surface:	Not Reported
Feet to sea level:	3.17	Note:	Not Reported
Level reading date:	1962-12-04	Feet below surface:	Not Reported
Feet to sea level:	3.07	Note:	Not Reported
Level reading date:	1962-10-03	Feet below surface:	Not Reported
Feet to sea level:	2.96	Note:	Not Reported
Level reading date:	1962-08-31	Feet below surface:	Not Reported
Feet to sea level:	3.03	Note:	Not Reported
Level reading date:	1962-07-30	Feet below surface:	Not Reported
Feet to sea level:	3.45	Note:	Not Reported
Level reading date:	1962-07-02	Feet below surface:	Not Reported
Feet to sea level:	3.37	Note:	Not Reported
Level reading date:	1962-05-29	Feet below surface:	Not Reported
Feet to sea level:	4.36	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	3.75	Note:	Not Reported
Level reading date:	1962-03-27	Feet below surface:	Not Reported
Feet to sea level:	3.36	Note:	Not Reported
Level reading date:	1962-03-05	Feet below surface:	Not Reported
Feet to sea level:	3.27	Note:	Not Reported
Level reading date:	1962-01-31	Feet below surface:	Not Reported
Feet to sea level:	3.00	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	3.08	Note:	Not Reported
Level reading date:	1961-11-28	Feet below surface:	Not Reported
Feet to sea level:	2.89	Note:	Not Reported
Level reading date:	1961-10-31	Feet below surface:	Not Reported
Feet to sea level:	2.42	Note:	Not Reported
Level reading date:	1961-09-28	Feet below surface:	Not Reported
Feet to sea level:	2.63	Note:	Not Reported
Level reading date:	1961-08-31	Feet below surface:	Not Reported
Feet to sea level:	2.88	Note:	Not Reported

Level reading date:	1961-08-01	Feet below surface:	Not Reported
Feet to sea level:	2.59	Note:	Not Reported
Level reading date:	1961-06-29	Feet below surface:	Not Reported
Feet to sea level:	2.60	Note:	Not Reported
Level reading date:	1961-05-31	Feet below surface:	Not Reported
Feet to sea level:	2.91	Note:	Not Reported
Level reading date:	1961-04-26	Feet below surface:	Not Reported
Feet to sea level:	2.61	Note:	Not Reported
Level reading date:	1961-03-28	Feet below surface:	Not Reported
Feet to sea level:	2.43	Note:	Not Reported
Level reading date:	1961-03-01	Feet below surface:	Not Reported
Feet to sea level:	2.12	Note:	Not Reported
Level reading date:	1961-01-30	Feet below surface:	Not Reported
Feet to sea level:	1.97	Note:	Not Reported
Level reading date:	1960-12-06	Feet below surface:	Not Reported
Feet to sea level:	1.57	Note:	Not Reported
Level reading date:	1960-11-02	Feet below surface:	Not Reported
Feet to sea level:	1.46	Note:	Not Reported
Level reading date:	1960-09-28	Feet below surface:	Not Reported
Feet to sea level:	1.23	Note:	Not Reported
Level reading date:	1960-08-30	Feet below surface:	Not Reported
Feet to sea level:	1.09	Note:	Not Reported
Level reading date:	1960-08-02	Feet below surface:	Not Reported
Feet to sea level:	1.10	Note:	Not Reported
Level reading date:	1960-06-30	Feet below surface:	Not Reported
Feet to sea level:	1.24	Note:	Not Reported
Level reading date:	1960-06-02	Feet below surface:	Not Reported
Feet to sea level:	1.44	Note:	Not Reported
Level reading date:	1960-05-04	Feet below surface:	Not Reported
Feet to sea level:	1.32	Note:	Not Reported
Level reading date:	1960-03-29	Feet below surface:	Not Reported
Feet to sea level:	1.26	Note:	Not Reported
Level reading date:	1960-03-08	Feet below surface:	Not Reported
Feet to sea level:	1.16	Note:	Not Reported
Level reading date:	1960-01-27	Feet below surface:	Not Reported
Feet to sea level:	0.94	Note:	Not Reported
Level reading date:	1960-01-05	Feet below surface:	Not Reported
Feet to sea level:	0.93	Note:	Not Reported
Level reading date:	1959-12-01	Feet below surface:	Not Reported
Feet to sea level:	0.60	Note:	Not Reported
Level reading date:	1959-11-02	Feet below surface:	Not Reported
Feet to sea level:	0.71	Note:	Not Reported

Level reading date:	1959-10-06	Feet below surface:	Not Reported
Feet to sea level:	0.53	Note:	Not Reported
Level reading date:	1959-09-03	Feet below surface:	Not Reported
Feet to sea level:	0.73	Note:	Not Reported
Level reading date:	1959-08-04	Feet below surface:	Not Reported
Feet to sea level:	0.87	Note:	Not Reported
Level reading date:	1959-07-02	Feet below surface:	Not Reported
Feet to sea level:	1.12	Note:	Not Reported
Level reading date:	1959-06-01	Feet below surface:	Not Reported
Feet to sea level:	1.41	Note:	Not Reported
Level reading date:	1959-05-06	Feet below surface:	Not Reported
Feet to sea level:	1.36	Note:	Not Reported
Level reading date:	1959-04-03	Feet below surface:	Not Reported
Feet to sea level:	1.54	Note:	Not Reported
Level reading date:	1959-03-02	Feet below surface:	Not Reported
Feet to sea level:	1.59	Note:	Not Reported
Level reading date:	1959-01-29	Feet below surface:	Not Reported
Feet to sea level:	1.34	Note:	Not Reported
Level reading date:	1959-01-07	Feet below surface:	Not Reported
Feet to sea level:	1.47	Note:	Not Reported
Level reading date:	1958-10-30	Feet below surface:	Not Reported
Feet to sea level:	1.16	Note:	Not Reported
Level reading date:	1958-08-28	Feet below surface:	Not Reported
Feet to sea level:	0.94	Note:	Not Reported
Level reading date:	1958-07-29	Feet below surface:	Not Reported
Feet to sea level:	1.14	Note:	Not Reported
Level reading date:	1958-06-30	Feet below surface:	Not Reported
Feet to sea level:	1.14	Note:	Not Reported
Level reading date:	1958-05-29	Feet below surface:	Not Reported
Feet to sea level:	1.20	Note:	Not Reported
Level reading date:	1958-05-01	Feet below surface:	Not Reported
Feet to sea level:	0.79	Note:	Not Reported
Level reading date:	1958-04-08	Feet below surface:	Not Reported
Feet to sea level:	0.59	Note:	Not Reported
Level reading date:	1958-03-03	Feet below surface:	Not Reported
Feet to sea level:	0.40	Note:	Not Reported
Level reading date:	1958-01-28	Feet below surface:	Not Reported
Feet to sea level:	0.16	Note:	Not Reported
Level reading date:	1957-12-31	Feet below surface:	Not Reported
Feet to sea level:	-0.04	Note:	Not Reported
Level reading date:	1957-11-22	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported

Level reading date:	1957-10-30	Feet below surface:	Not Reported
Feet to sea level:	-0.23	Note:	Not Reported
Level reading date:	1957-09-24	Feet below surface:	Not Reported
Feet to sea level:	-0.43	Note:	Not Reported
Level reading date:	1957-09-04	Feet below surface:	Not Reported
Feet to sea level:	-0.21	Note:	Not Reported
Level reading date:	1957-07-24	Feet below surface:	Not Reported
Feet to sea level:	-0.24	Note:	Not Reported
Level reading date:	1957-06-27	Feet below surface:	Not Reported
Feet to sea level:	-0.12	Note:	Not Reported
Level reading date:	1957-05-28	Feet below surface:	Not Reported
Feet to sea level:	0.09	Note:	Not Reported
Level reading date:	1957-04-24	Feet below surface:	Not Reported
Feet to sea level:	0.17	Note:	Not Reported
Level reading date:	1957-03-27	Feet below surface:	Not Reported
Feet to sea level:	0.07	Note:	Not Reported
Level reading date:	1957-02-27	Feet below surface:	Not Reported
Feet to sea level:	0.21	Note:	Not Reported
Level reading date:	1957-01-25	Feet below surface:	Not Reported
Feet to sea level:	-0.03	Note:	Not Reported
Level reading date:	1956-12-20	Feet below surface:	Not Reported
Feet to sea level:	-0.16	Note:	Not Reported
Level reading date:	1956-11-29	Feet below surface:	Not Reported
Feet to sea level:	-0.18	Note:	Not Reported
Level reading date:	1956-10-02	Feet below surface:	Not Reported
Feet to sea level:	-0.31	Note:	Not Reported
Level reading date:	1956-09-04	Feet below surface:	Not Reported
Feet to sea level:	-0.41	Note:	Not Reported
Level reading date:	1956-08-02	Feet below surface:	Not Reported
Feet to sea level:	-0.35	Note:	Not Reported
Level reading date:	1956-07-03	Feet below surface:	Not Reported
Feet to sea level:	-0.33	Note:	Not Reported
Level reading date:	1956-06-05	Feet below surface:	Not Reported
Feet to sea level:	-0.17	Note:	Not Reported
Level reading date:	1956-05-03	Feet below surface:	Not Reported
Feet to sea level:	-0.28	Note:	Not Reported
Level reading date:	1956-03-29	Feet below surface:	Not Reported
Feet to sea level:	-0.56	Note:	Not Reported
Level reading date:	1956-03-05	Feet below surface:	Not Reported
Feet to sea level:	-0.69	Note:	Not Reported
Level reading date:	1956-02-03	Feet below surface:	Not Reported
Feet to sea level:	-0.96	Note:	Not Reported

Level reading date:	1955-12-22	Feet below surface:	Not Reported
Feet to sea level:	-1.11	Note:	Not Reported
Level reading date:	1955-12-02	Feet below surface:	Not Reported
Feet to sea level:	-1.43	Note:	Not Reported
Level reading date:	1955-11-04	Feet below surface:	Not Reported
Feet to sea level:	-1.66	Note:	Not Reported
Level reading date:	1955-10-07	Feet below surface:	Not Reported
Feet to sea level:	-1.88	Note:	Not Reported
Level reading date:	1955-08-25	Feet below surface:	Not Reported
Feet to sea level:	-2.01	Note:	Not Reported
Level reading date:	1955-07-26	Feet below surface:	Not Reported
Feet to sea level:	-1.97	Note:	Not Reported
Level reading date:	1955-06-23	Feet below surface:	Not Reported
Feet to sea level:	-1.71	Note:	Not Reported
Level reading date:	1955-05-24	Feet below surface:	Not Reported
Feet to sea level:	-1.47	Note:	Not Reported
Level reading date:	1955-04-26	Feet below surface:	Not Reported
Feet to sea level:	-1.34	Note:	Not Reported
Level reading date:	1955-03-29	Feet below surface:	Not Reported
Feet to sea level:	-1.54	Note:	Not Reported
Level reading date:	1955-02-21	Feet below surface:	Not Reported
Feet to sea level:	-1.71	Note:	Not Reported
Level reading date:	1955-01-25	Feet below surface:	Not Reported
Feet to sea level:	-1.77	Note:	Not Reported
Level reading date:	1954-12-27	Feet below surface:	Not Reported
Feet to sea level:	-2.03	Note:	Not Reported
Level reading date:	1954-12-02	Feet below surface:	Not Reported
Feet to sea level:	-2.29	Note:	Not Reported
Level reading date:	1954-10-28	Feet below surface:	Not Reported
Feet to sea level:	-2.61	Note:	Not Reported
Level reading date:	1954-10-05	Feet below surface:	Not Reported
Feet to sea level:	-2.79	Note:	Not Reported
Level reading date:	1954-08-25	Feet below surface:	Not Reported
Feet to sea level:	-2.62	Note:	Not Reported
Level reading date:	1954-07-29	Feet below surface:	Not Reported
Feet to sea level:	-2.74	Note:	Not Reported

23
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828478**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 702. 1	Type:	Well

Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	140	Well Hole Depth Units:	ft

24
NNE **FED USGS** **USGS40000828549**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 655. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	214	Well Hole Depth Units:	ft

25
NW **FED USGS** **USGS40000828501**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 654. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	158	Well Hole Depth Units:	ft

26
SSW **FED USGS** **USGS40000828092**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 650. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	195	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

H27
East
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000090**

Well Number:	K003445	Owner:	Affordable Dwellings Units
Well Depth:	100	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

H28
East
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000089**

Well Number:	K003444D	Owner:	Affordable Dwellings Units
Well Depth:	100	Diameter:	8
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

I29
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828124**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 638. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	175	Well Hole Depth Units:	ft

I30
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828125**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1332. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	168	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H31
East
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000158**

Well Number:	K003512	Owner:	Fimar Construction
Well Depth:	120	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

H32
East
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000159**

Well Number:	K003513D	Owner:	Fimar Construction
Well Depth:	120	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

33
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828523**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 18. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

34
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828444**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 668. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	199	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

35
SSE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000828070**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 104. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	102	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	129	Level reading date:	1943-08-28
Feet below surface:	Not Reported	Feet to sea level:	-25.72
Note:	Not Reported		

Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	-25.61	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	-25.43	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	-25.37	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	-25.43	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	-25.72	Note:	Not Reported
Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	-25.91	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	-25.93	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	-26.33	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	-26.42	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	-26.47	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	-26.51	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	-26.53	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	-26.55	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported

Feet to sea level:	-26.59	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	-26.62	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	-26.65	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	-26.68	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	-26.69	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	-26.68	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	-26.66	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	-26.62	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	-26.59	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	-26.58	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	-26.56	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	-26.53	Note:	Not Reported
Level reading date:	1942-08-29	Feet below surface:	Not Reported
Feet to sea level:	-26.53	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	-26.51	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	-26.49	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	-26.49	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	-26.48	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	-26.45	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	-26.42	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	-26.43	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	-26.44	Note:	Not Reported

Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	-26.41	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	-26.41	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	-26.39	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	-26.37	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	-26.35	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	-26.31	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	-26.32	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	-26.35	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	-26.34	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	-26.34	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	-26.34	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	-26.36	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	-26.36	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	-26.40	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	-26.42	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	-26.41	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	-26.42	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	-26.42	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	-26.43	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	-26.44	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	-26.45	Note:	Not Reported

Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	-26.48	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	-26.51	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	-26.55	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	-26.61	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	-26.67	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	-26.72	Note:	Not Reported
Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	-26.76	Note:	Not Reported
Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	-26.78	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	-26.80	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	-26.81	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	-26.84	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	-26.87	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	-26.87	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	-26.87	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	-26.84	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	-26.80	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	-26.74	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	-26.68	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	-26.62	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	-26.45	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	-26.40	Note:	Not Reported

Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	-26.35	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	-26.30	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	-26.22	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	-26.16	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	-26.13	Note:	Not Reported
Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	-26.10	Note:	Not Reported
Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	-26.07	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	-26.05	Note:	Not Reported
Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	-26.01	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	-25.92	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	-25.85	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	-25.80	Note:	Not Reported
Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	-25.75	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	-25.72	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	-25.68	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	-25.66	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	-25.63	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	-25.60	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	-25.56	Note:	Not Reported
Level reading date:	1941-04-19	Feet below surface:	Not Reported
Feet to sea level:	-25.53	Note:	Not Reported
Level reading date:	1941-04-12	Feet below surface:	Not Reported
Feet to sea level:	-25.51	Note:	Not Reported

Level reading date:	1941-04-05	Feet below surface:	Not Reported
Feet to sea level:	-25.52	Note:	Not Reported
Level reading date:	1941-03-29	Feet below surface:	Not Reported
Feet to sea level:	-25.51	Note:	Not Reported
Level reading date:	1941-03-22	Feet below surface:	Not Reported
Feet to sea level:	-25.50	Note:	Not Reported
Level reading date:	1941-03-15	Feet below surface:	Not Reported
Feet to sea level:	-25.49	Note:	Not Reported
Level reading date:	1941-03-08	Feet below surface:	Not Reported
Feet to sea level:	-25.51	Note:	Not Reported
Level reading date:	1941-03-01	Feet below surface:	Not Reported
Feet to sea level:	-25.56	Note:	Not Reported
Level reading date:	1941-02-22	Feet below surface:	Not Reported
Feet to sea level:	-25.58	Note:	Not Reported
Level reading date:	1941-02-15	Feet below surface:	Not Reported
Feet to sea level:	-25.56	Note:	Not Reported
Level reading date:	1941-02-08	Feet below surface:	Not Reported
Feet to sea level:	-25.56	Note:	Not Reported
Level reading date:	1941-02-01	Feet below surface:	Not Reported
Feet to sea level:	-25.58	Note:	Not Reported
Level reading date:	1941-01-25	Feet below surface:	Not Reported
Feet to sea level:	-25.60	Note:	Not Reported
Level reading date:	1941-01-18	Feet below surface:	Not Reported
Feet to sea level:	-25.62	Note:	Not Reported
Level reading date:	1941-01-11	Feet below surface:	Not Reported
Feet to sea level:	-25.65	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	Not Reported
Feet to sea level:	-25.69	Note:	Not Reported
Level reading date:	1940-12-28	Feet below surface:	Not Reported
Feet to sea level:	-25.74	Note:	Not Reported
Level reading date:	1940-12-21	Feet below surface:	Not Reported
Feet to sea level:	-25.78	Note:	Not Reported
Level reading date:	1940-12-14	Feet below surface:	Not Reported
Feet to sea level:	-25.81	Note:	Not Reported
Level reading date:	1940-12-07	Feet below surface:	Not Reported
Feet to sea level:	-25.87	Note:	Not Reported
Level reading date:	1940-11-30	Feet below surface:	Not Reported
Feet to sea level:	-25.91	Note:	Not Reported
Level reading date:	1940-11-23	Feet below surface:	Not Reported
Feet to sea level:	-25.99	Note:	Not Reported
Level reading date:	1940-11-16	Feet below surface:	Not Reported
Feet to sea level:	-26.03	Note:	Not Reported

Level reading date:	1940-11-09	Feet below surface:	Not Reported
Feet to sea level:	-26.07	Note:	Not Reported
Level reading date:	1940-11-02	Feet below surface:	Not Reported
Feet to sea level:	-26.09	Note:	Not Reported
Level reading date:	1940-10-26	Feet below surface:	Not Reported
Feet to sea level:	-26.10	Note:	Not Reported
Level reading date:	1940-10-19	Feet below surface:	Not Reported
Feet to sea level:	-26.11	Note:	Not Reported
Level reading date:	1940-10-12	Feet below surface:	Not Reported
Feet to sea level:	-26.12	Note:	Not Reported
Level reading date:	1940-10-05	Feet below surface:	Not Reported
Feet to sea level:	-26.11	Note:	Not Reported
Level reading date:	1940-09-28	Feet below surface:	Not Reported
Feet to sea level:	-26.08	Note:	Not Reported
Level reading date:	1940-09-21	Feet below surface:	Not Reported
Feet to sea level:	-26.04	Note:	Not Reported
Level reading date:	1940-09-14	Feet below surface:	Not Reported
Feet to sea level:	-26.04	Note:	Not Reported
Level reading date:	1940-08-27	Feet below surface:	Not Reported
Feet to sea level:	-25.89	Note:	Not Reported

36
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828165**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 9. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	159	Well Hole Depth Units:	ft

37
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828558**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 659. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	170	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J38
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828587**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 656. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	159	Well Hole Depth Units:	ft

39
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828265**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1536. 1	Type:	Well
Description:	5001	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	156	Well Hole Depth Units:	ft

40
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828443**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 20. 1	Type:	Well
Description:	2401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	126
Well Depth Units:	ft	Well Hole Depth:	136
Well Hole Depth Units:	ft		

J41
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828602**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 290. 1	Type:	Well
Description:	0001	HUC:	02030201

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	104	Well Hole Depth Units:	ft

J42
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828606**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 277. 1	Type:	Well
Description:	5401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	83	Well Depth Units:	ft
Well Hole Depth:	146	Well Hole Depth Units:	ft

K43
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828620**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 320. 1	Type:	Well
Description:	5701	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	114	Well Hole Depth Units:	ft

44
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828601**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1073. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	120	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K45
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828627**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 259. 1	Type:	Well
Description:	5901	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	86	Well Depth Units:	ft
Well Hole Depth:	113	Well Hole Depth Units:	ft

K46
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828619**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 660. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	125	Well Hole Depth Units:	ft

47
NNW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000125**

Well Number:	K003480	Owner:	Atlantic Savvy Car Wash Ltd.
Well Depth:	80	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

48
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828410**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 669. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	182	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L49
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828018**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 639. 1	Type:	Well
Description:	4001	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	176	Well Depth Units:	ft
Well Hole Depth:	190	Well Hole Depth Units:	ft

L50
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828019**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1010. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	181	Well Hole Depth Units:	ft

M51
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828660**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1302. 1	Type:	Well
Description:	5701	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	79
Well Hole Depth Units:	ft		

M52
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828670**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1347. 1	Type:	Well
Description:	Not Reported	HUC:	02030201

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	71
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	344	Level reading date:	1977-03-28
Feet below surface:	Not Reported	Feet to sea level:	3.51
Note:	Not Reported		

Level reading date:	1976-10-05	Feet below surface:	Not Reported
Feet to sea level:	3.32	Note:	Not Reported
Level reading date:	1976-06-28	Feet below surface:	Not Reported
Feet to sea level:	3.03	Note:	Not Reported
Level reading date:	1976-03-23	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1975-12-16	Feet below surface:	Not Reported
Feet to sea level:	4.05	Note:	Not Reported
Level reading date:	1975-10-07	Feet below surface:	Not Reported
Feet to sea level:	3.47	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	3.84	Note:	Not Reported
Level reading date:	1975-03-26	Feet below surface:	Not Reported
Feet to sea level:	3.54	Note:	Not Reported
Level reading date:	1974-12-20	Feet below surface:	Not Reported
Feet to sea level:	3.50	Note:	Not Reported
Level reading date:	1974-09-05	Feet below surface:	Not Reported
Feet to sea level:	2.74	Note:	Not Reported
Level reading date:	1974-06-26	Feet below surface:	Not Reported
Feet to sea level:	2.38	Note:	Not Reported
Level reading date:	1974-03-19	Feet below surface:	Not Reported
Feet to sea level:	4.70	Note:	Not Reported
Level reading date:	1974-01-09	Feet below surface:	Not Reported
Feet to sea level:	3.85	Note:	Not Reported
Level reading date:	1973-09-25	Feet below surface:	Not Reported
Feet to sea level:	2.08	Note:	Not Reported
Level reading date:	1973-07-09	Feet below surface:	Not Reported
Feet to sea level:	2.88	Note:	Not Reported
Level reading date:	1973-04-03	Feet below surface:	Not Reported
Feet to sea level:	2.72	Note:	Not Reported
Level reading date:	1972-12-27	Feet below surface:	Not Reported
Feet to sea level:	2.51	Note:	Not Reported
Level reading date:	1972-09-29	Feet below surface:	Not Reported

Feet to sea level:	2.02	Note:	Not Reported
Level reading date:	1972-07-10	Feet below surface:	Not Reported
Feet to sea level:	2.70	Note:	Not Reported
Level reading date:	1972-03-28	Feet below surface:	Not Reported
Feet to sea level:	3.30	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	Not Reported
Feet to sea level:	2.98	Note:	Not Reported
Level reading date:	1971-09-27	Feet below surface:	Not Reported
Feet to sea level:	2.76	Note:	Not Reported
Level reading date:	1971-08-08	Feet below surface:	Not Reported
Feet to sea level:	2.83	Note:	Not Reported
Level reading date:	1970-10-30	Feet below surface:	Not Reported
Feet to sea level:	-2.06	Note:	Not Reported
Level reading date:	1970-03-13	Feet below surface:	Not Reported
Feet to sea level:	-2.83	Note:	Not Reported
Level reading date:	1969-11-10	Feet below surface:	Not Reported
Feet to sea level:	1.19	Note:	Not Reported
Level reading date:	1969-09-03	Feet below surface:	Not Reported
Feet to sea level:	0.95	Note:	Not Reported
Level reading date:	1969-04-22	Feet below surface:	Not Reported
Feet to sea level:	1.74	Note:	Not Reported
Level reading date:	1968-04-23	Feet below surface:	Not Reported
Feet to sea level:	-0.94	Note:	Not Reported
Level reading date:	1967-10-20	Feet below surface:	Not Reported
Feet to sea level:	0.80	Note:	Not Reported
Level reading date:	1967-03-29	Feet below surface:	Not Reported
Feet to sea level:	1.05	Note:	Not Reported
Level reading date:	1966-10-25	Feet below surface:	Not Reported
Feet to sea level:	0.11	Note:	Not Reported
Level reading date:	1966-05-04	Feet below surface:	Not Reported
Feet to sea level:	0.33	Note:	Not Reported
Level reading date:	1965-10-27	Feet below surface:	Not Reported
Feet to sea level:	-0.48	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	-1.10	Note:	Not Reported
Level reading date:	1965-05-04	Feet below surface:	Not Reported
Feet to sea level:	0.87	Note:	Not Reported
Level reading date:	1964-10-30	Feet below surface:	Not Reported
Feet to sea level:	-0.90	Note:	Not Reported
Level reading date:	1964-04-23	Feet below surface:	Not Reported
Feet to sea level:	-0.46	Note:	Not Reported

Level reading date:	1963-04-26	Feet below surface:	Not Reported
Feet to sea level:	-0.01	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	0.83	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	-0.65	Note:	Not Reported
Level reading date:	1961-01-05	Feet below surface:	Not Reported
Feet to sea level:	-0.38	Note:	Not Reported
Level reading date:	1960-09-15	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1959-03-16	Feet below surface:	Not Reported
Feet to sea level:	-1.20	Note:	Not Reported
Level reading date:	1956-12-20	Feet below surface:	Not Reported
Feet to sea level:	-2.98	Note:	Not Reported
Level reading date:	1956-02-13	Feet below surface:	Not Reported
Feet to sea level:	-3.28	Note:	Not Reported
Level reading date:	1954-10-27	Feet below surface:	Not Reported
Feet to sea level:	-4.43	Note:	Not Reported
Level reading date:	1954-06-29	Feet below surface:	Not Reported
Feet to sea level:	-6.16	Note:	Not Reported
Level reading date:	1954-05-27	Feet below surface:	Not Reported
Feet to sea level:	-4.97	Note:	Not Reported
Level reading date:	1954-04-28	Feet below surface:	Not Reported
Feet to sea level:	-4.27	Note:	Not Reported
Level reading date:	1954-03-30	Feet below surface:	Not Reported
Feet to sea level:	-4.04	Note:	Not Reported
Level reading date:	1954-02-25	Feet below surface:	Not Reported
Feet to sea level:	-4.11	Note:	Not Reported
Level reading date:	1954-01-28	Feet below surface:	Not Reported
Feet to sea level:	-4.49	Note:	Not Reported
Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-4.83	Note:	Not Reported
Level reading date:	1953-12-02	Feet below surface:	Not Reported
Feet to sea level:	-4.99	Note:	Not Reported
Level reading date:	1953-10-28	Feet below surface:	Not Reported
Feet to sea level:	-5.71	Note:	Not Reported
Level reading date:	1953-10-02	Feet below surface:	Not Reported
Feet to sea level:	-7.22	Note:	Not Reported
Level reading date:	1953-08-28	Feet below surface:	Not Reported
Feet to sea level:	-4.81	Note:	Not Reported
Level reading date:	1953-08-03	Feet below surface:	Not Reported
Feet to sea level:	-5.21	Note:	Not Reported

Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	-6.16	Note:	Not Reported
Level reading date:	1953-05-25	Feet below surface:	Not Reported
Feet to sea level:	-6.04	Note:	Not Reported
Level reading date:	1953-04-27	Feet below surface:	Not Reported
Feet to sea level:	-4.73	Note:	Not Reported
Level reading date:	1953-03-25	Feet below surface:	Not Reported
Feet to sea level:	-5.25	Note:	Not Reported
Level reading date:	1953-02-27	Feet below surface:	Not Reported
Feet to sea level:	-5.78	Note:	Not Reported
Level reading date:	1953-02-11	Feet below surface:	Not Reported
Feet to sea level:	-6.17	Note:	Not Reported
Level reading date:	1952-12-23	Feet below surface:	Not Reported
Feet to sea level:	-7.17	Note:	Not Reported
Level reading date:	1952-12-05	Feet below surface:	Not Reported
Feet to sea level:	-7.56	Note:	Not Reported
Level reading date:	1952-11-03	Feet below surface:	Not Reported
Feet to sea level:	-8.40	Note:	Not Reported
Level reading date:	1952-09-22	Feet below surface:	Not Reported
Feet to sea level:	-10.32	Note:	Not Reported
Level reading date:	1952-08-25	Feet below surface:	Not Reported
Feet to sea level:	-10.77	Note:	Not Reported
Level reading date:	1952-07-23	Feet below surface:	Not Reported
Feet to sea level:	-10.82	Note:	Not Reported
Level reading date:	1952-06-24	Feet below surface:	Not Reported
Feet to sea level:	-10.67	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	-10.26	Note:	Not Reported
Level reading date:	1952-04-29	Feet below surface:	Not Reported
Feet to sea level:	-10.64	Note:	Not Reported
Level reading date:	1952-03-24	Feet below surface:	Not Reported
Feet to sea level:	-11.81	Note:	Not Reported
Level reading date:	1952-02-20	Feet below surface:	Not Reported
Feet to sea level:	-12.57	Note:	Not Reported
Level reading date:	1952-01-29	Feet below surface:	Not Reported
Feet to sea level:	-12.93	Note:	Not Reported
Level reading date:	1951-12-20	Feet below surface:	Not Reported
Feet to sea level:	-13.71	Note:	Not Reported
Level reading date:	1951-11-28	Feet below surface:	Not Reported
Feet to sea level:	-13.76	Note:	Not Reported
Level reading date:	1951-11-02	Feet below surface:	Not Reported
Feet to sea level:	-14.24	Note:	Not Reported

Level reading date:	1951-09-27	Feet below surface:	Not Reported
Feet to sea level:	-16.72	Note:	Not Reported
Level reading date:	1951-08-28	Feet below surface:	Not Reported
Feet to sea level:	-17.51	Note:	Not Reported
Level reading date:	1951-07-26	Feet below surface:	Not Reported
Feet to sea level:	-16.27	Note:	Not Reported
Level reading date:	1951-06-28	Feet below surface:	Not Reported
Feet to sea level:	-16.09	Note:	Not Reported
Level reading date:	1951-05-29	Feet below surface:	Not Reported
Feet to sea level:	-15.55	Note:	Not Reported
Level reading date:	1951-05-02	Feet below surface:	Not Reported
Feet to sea level:	-14.47	Note:	Not Reported
Level reading date:	1951-03-27	Feet below surface:	Not Reported
Feet to sea level:	-15.39	Note:	Not Reported
Level reading date:	1951-02-27	Feet below surface:	Not Reported
Feet to sea level:	-16.08	Note:	Not Reported
Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	-16.70	Note:	Not Reported
Level reading date:	1950-12-20	Feet below surface:	Not Reported
Feet to sea level:	-17.07	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	-16.71	Note:	Not Reported
Level reading date:	1950-10-31	Feet below surface:	Not Reported
Feet to sea level:	-17.18	Note:	Not Reported
Level reading date:	1950-09-27	Feet below surface:	Not Reported
Feet to sea level:	-18.17	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	-19.58	Note:	Not Reported
Level reading date:	1950-07-27	Feet below surface:	Not Reported
Feet to sea level:	-18.82	Note:	Not Reported
Level reading date:	1950-06-29	Feet below surface:	Not Reported
Feet to sea level:	-17.48	Note:	Not Reported
Level reading date:	1950-06-05	Feet below surface:	Not Reported
Feet to sea level:	-16.10	Note:	Not Reported
Level reading date:	1950-04-27	Feet below surface:	Not Reported
Feet to sea level:	-15.42	Note:	Not Reported
Level reading date:	1950-03-29	Feet below surface:	Not Reported
Feet to sea level:	-16.41	Note:	Not Reported
Level reading date:	1950-03-01	Feet below surface:	Not Reported
Feet to sea level:	-16.92	Note:	Not Reported
Level reading date:	1950-01-26	Feet below surface:	Not Reported
Feet to sea level:	-17.23	Note:	Not Reported

Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	-17.27	Note:	Not Reported
Level reading date:	1949-11-28	Feet below surface:	Not Reported
Feet to sea level:	-17.07	Note:	Not Reported
Level reading date:	1949-10-31	Feet below surface:	Not Reported
Feet to sea level:	-17.65	Note:	Not Reported
Level reading date:	1949-09-28	Feet below surface:	Not Reported
Feet to sea level:	-18.49	Note:	Not Reported
Level reading date:	1949-08-31	Feet below surface:	Not Reported
Feet to sea level:	-19.80	Note:	Not Reported
Level reading date:	1949-07-28	Feet below surface:	Not Reported
Feet to sea level:	-19.52	Note:	Not Reported
Level reading date:	1949-07-01	Feet below surface:	Not Reported
Feet to sea level:	-17.80	Note:	Not Reported
Level reading date:	1949-06-01	Feet below surface:	Not Reported
Feet to sea level:	-17.62	Note:	Not Reported
Level reading date:	1949-04-28	Feet below surface:	Not Reported
Feet to sea level:	-16.76	Note:	Not Reported
Level reading date:	1949-04-04	Feet below surface:	Not Reported
Feet to sea level:	-17.58	Note:	Not Reported
Level reading date:	1949-02-21	Feet below surface:	Not Reported
Feet to sea level:	-18.35	Note:	Not Reported
Level reading date:	1949-01-26	Feet below surface:	Not Reported
Feet to sea level:	-18.78	Note:	Not Reported
Level reading date:	1948-12-28	Feet below surface:	Not Reported
Feet to sea level:	-19.12	Note:	Not Reported
Level reading date:	1948-12-14	Feet below surface:	Not Reported
Feet to sea level:	-19.15	Note:	Not Reported
Level reading date:	1948-11-04	Feet below surface:	Not Reported
Feet to sea level:	-19.58	Note:	Not Reported
Level reading date:	1948-10-04	Feet below surface:	Not Reported
Feet to sea level:	-20.82	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	-22.10	Note:	Not Reported
Level reading date:	1948-07-26	Feet below surface:	Not Reported
Feet to sea level:	-20.91	Note:	Not Reported
Level reading date:	1948-06-30	Feet below surface:	Not Reported
Feet to sea level:	-21.66	Note:	Not Reported
Level reading date:	1948-06-02	Feet below surface:	Not Reported
Feet to sea level:	-20.66	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	-20.64	Note:	Not Reported

Level reading date:	1948-03-26	Feet below surface:	Not Reported
Feet to sea level:	-21.12	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	-21.45	Note:	Not Reported
Level reading date:	1948-02-03	Feet below surface:	Not Reported
Feet to sea level:	-21.77	Note:	Not Reported
Level reading date:	1948-01-07	Feet below surface:	Not Reported
Feet to sea level:	-21.93	Note:	Not Reported
Level reading date:	1947-12-16	Feet below surface:	Not Reported
Feet to sea level:	-21.85	Note:	Not Reported
Level reading date:	1947-11-26	Feet below surface:	Not Reported
Feet to sea level:	-21.97	Note:	Not Reported
Level reading date:	1947-11-19	Feet below surface:	Not Reported
Feet to sea level:	-21.93	Note:	Not Reported
Level reading date:	1947-10-31	Feet below surface:	Not Reported
Feet to sea level:	-22.00	Note:	Not Reported
Level reading date:	1947-10-14	Feet below surface:	Not Reported
Feet to sea level:	-22.21	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	-22.35	Note:	Not Reported
Level reading date:	1947-09-30	Feet below surface:	Not Reported
Feet to sea level:	-23.25	Note:	Not Reported
Level reading date:	1947-09-15	Feet below surface:	Not Reported
Feet to sea level:	-23.13	Note:	Not Reported
Level reading date:	1947-08-27	Feet below surface:	Not Reported
Feet to sea level:	-23.62	Note:	Not Reported
Level reading date:	1947-08-13	Feet below surface:	Not Reported
Feet to sea level:	-23.62	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	-23.73	Note:	Not Reported
Level reading date:	1947-07-23	Feet below surface:	Not Reported
Feet to sea level:	-23.26	Note:	Not Reported
Level reading date:	1947-07-16	Feet below surface:	Not Reported
Feet to sea level:	-23.68	Note:	Not Reported
Level reading date:	1947-07-07	Feet below surface:	Not Reported
Feet to sea level:	-22.48	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	-22.50	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-23.24	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	-21.43	Note:	Not Reported

Level reading date:	1947-06-24	Feet below surface:	Not Reported
Feet to sea level:	-22.02	Note:	Not Reported
Level reading date:	1947-06-20	Feet below surface:	Not Reported
Feet to sea level:	-21.95	Note:	Not Reported
Level reading date:	1947-06-13	Feet below surface:	Not Reported
Feet to sea level:	-22.27	Note:	Not Reported
Level reading date:	1947-06-06	Feet below surface:	Not Reported
Feet to sea level:	-21.54	Note:	Not Reported
Level reading date:	1947-05-29	Feet below surface:	Not Reported
Feet to sea level:	-22.27	Note:	Not Reported
Level reading date:	1947-05-23	Feet below surface:	Not Reported
Feet to sea level:	-21.11	Note:	Not Reported
Level reading date:	1947-05-17	Feet below surface:	Not Reported
Feet to sea level:	-21.21	Note:	Not Reported
Level reading date:	1947-05-10	Feet below surface:	Not Reported
Feet to sea level:	-21.32	Note:	Not Reported
Level reading date:	1947-05-03	Feet below surface:	Not Reported
Feet to sea level:	-21.23	Note:	Not Reported
Level reading date:	1947-04-26	Feet below surface:	Not Reported
Feet to sea level:	-21.21	Note:	Not Reported
Level reading date:	1947-04-19	Feet below surface:	Not Reported
Feet to sea level:	-21.27	Note:	Not Reported
Level reading date:	1947-04-12	Feet below surface:	Not Reported
Feet to sea level:	-21.41	Note:	Not Reported
Level reading date:	1947-04-05	Feet below surface:	Not Reported
Feet to sea level:	-21.59	Note:	Not Reported
Level reading date:	1947-03-29	Feet below surface:	Not Reported
Feet to sea level:	-21.57	Note:	Not Reported
Level reading date:	1947-03-22	Feet below surface:	Not Reported
Feet to sea level:	-21.63	Note:	Not Reported
Level reading date:	1947-03-15	Feet below surface:	Not Reported
Feet to sea level:	-21.67	Note:	Not Reported
Level reading date:	1947-03-08	Feet below surface:	Not Reported
Feet to sea level:	-21.70	Note:	Not Reported
Level reading date:	1947-03-01	Feet below surface:	Not Reported
Feet to sea level:	-21.78	Note:	Not Reported
Level reading date:	1947-02-22	Feet below surface:	Not Reported
Feet to sea level:	-21.62	Note:	Not Reported
Level reading date:	1947-02-15	Feet below surface:	Not Reported
Feet to sea level:	-21.85	Note:	Not Reported
Level reading date:	1947-02-08	Feet below surface:	Not Reported
Feet to sea level:	-21.86	Note:	Not Reported

Level reading date:	1947-02-01	Feet below surface:	Not Reported
Feet to sea level:	-21.91	Note:	Not Reported
Level reading date:	1947-01-25	Feet below surface:	Not Reported
Feet to sea level:	-21.95	Note:	Not Reported
Level reading date:	1947-01-18	Feet below surface:	Not Reported
Feet to sea level:	-21.94	Note:	Not Reported
Level reading date:	1947-01-11	Feet below surface:	Not Reported
Feet to sea level:	-21.97	Note:	Not Reported
Level reading date:	1947-01-04	Feet below surface:	Not Reported
Feet to sea level:	-22.03	Note:	Not Reported
Level reading date:	1946-12-28	Feet below surface:	Not Reported
Feet to sea level:	-21.98	Note:	Not Reported
Level reading date:	1946-12-21	Feet below surface:	Not Reported
Feet to sea level:	-21.93	Note:	Not Reported
Level reading date:	1946-12-14	Feet below surface:	Not Reported
Feet to sea level:	-21.80	Note:	Not Reported
Level reading date:	1946-12-07	Feet below surface:	Not Reported
Feet to sea level:	-21.73	Note:	Not Reported
Level reading date:	1946-11-30	Feet below surface:	Not Reported
Feet to sea level:	-21.78	Note:	Not Reported
Level reading date:	1946-11-23	Feet below surface:	Not Reported
Feet to sea level:	-21.86	Note:	Not Reported
Level reading date:	1946-11-16	Feet below surface:	Not Reported
Feet to sea level:	-21.93	Note:	Not Reported
Level reading date:	1946-11-09	Feet below surface:	Not Reported
Feet to sea level:	-21.97	Note:	Not Reported
Level reading date:	1946-11-02	Feet below surface:	Not Reported
Feet to sea level:	-22.10	Note:	Not Reported
Level reading date:	1946-10-26	Feet below surface:	Not Reported
Feet to sea level:	-22.13	Note:	Not Reported
Level reading date:	1946-10-19	Feet below surface:	Not Reported
Feet to sea level:	-22.35	Note:	Not Reported
Level reading date:	1946-10-12	Feet below surface:	Not Reported
Feet to sea level:	-22.50	Note:	Not Reported
Level reading date:	1946-10-05	Feet below surface:	Not Reported
Feet to sea level:	-22.80	Note:	Not Reported
Level reading date:	1946-09-30	Feet below surface:	Not Reported
Feet to sea level:	-23.25	Note:	Not Reported
Level reading date:	1946-09-23	Feet below surface:	Not Reported
Feet to sea level:	-23.95	Note:	Not Reported
Level reading date:	1946-09-16	Feet below surface:	Not Reported
Feet to sea level:	-23.05	Note:	Not Reported

Level reading date:	1946-08-30	Feet below surface:	Not Reported
Feet to sea level:	-23.18	Note:	Not Reported
Level reading date:	1946-08-19	Feet below surface:	Not Reported
Feet to sea level:	-21.61	Note:	Not Reported
Level reading date:	1946-07-30	Feet below surface:	Not Reported
Feet to sea level:	-21.70	Note:	Not Reported
Level reading date:	1946-07-08	Feet below surface:	Not Reported
Feet to sea level:	-23.26	Note:	Not Reported
Level reading date:	1946-06-10	Feet below surface:	Not Reported
Feet to sea level:	-21.53	Note:	Not Reported
Level reading date:	1946-05-27	Feet below surface:	Not Reported
Feet to sea level:	-21.97	Note:	Not Reported
Level reading date:	1946-05-20	Feet below surface:	Not Reported
Feet to sea level:	-20.47	Note:	Not Reported
Level reading date:	1946-05-13	Feet below surface:	Not Reported
Feet to sea level:	-20.68	Note:	Not Reported
Level reading date:	1946-05-06	Feet below surface:	Not Reported
Feet to sea level:	-20.56	Note:	Not Reported
Level reading date:	1946-04-29	Feet below surface:	Not Reported
Feet to sea level:	-20.56	Note:	Not Reported
Level reading date:	1946-04-22	Feet below surface:	Not Reported
Feet to sea level:	-20.45	Note:	Not Reported
Level reading date:	1946-04-15	Feet below surface:	Not Reported
Feet to sea level:	-20.45	Note:	Not Reported
Level reading date:	1946-04-08	Feet below surface:	Not Reported
Feet to sea level:	-20.33	Note:	Not Reported
Level reading date:	1946-04-01	Feet below surface:	Not Reported
Feet to sea level:	-20.38	Note:	Not Reported
Level reading date:	1946-03-25	Feet below surface:	Not Reported
Feet to sea level:	-20.51	Note:	Not Reported
Level reading date:	1946-03-18	Feet below surface:	Not Reported
Feet to sea level:	-19.58	Note:	Not Reported
Level reading date:	1946-03-11	Feet below surface:	Not Reported
Feet to sea level:	-20.75	Note:	Not Reported
Level reading date:	1946-03-04	Feet below surface:	Not Reported
Feet to sea level:	-20.80	Note:	Not Reported
Level reading date:	1946-02-25	Feet below surface:	Not Reported
Feet to sea level:	-20.87	Note:	Not Reported
Level reading date:	1946-02-18	Feet below surface:	Not Reported
Feet to sea level:	-20.98	Note:	Not Reported
Level reading date:	1946-02-11	Feet below surface:	Not Reported
Feet to sea level:	-21.12	Note:	Not Reported

Level reading date:	1946-02-04	Feet below surface:	Not Reported
Feet to sea level:	-21.23	Note:	Not Reported
Level reading date:	1946-01-28	Feet below surface:	Not Reported
Feet to sea level:	-21.33	Note:	Not Reported
Level reading date:	1946-01-21	Feet below surface:	Not Reported
Feet to sea level:	-21.43	Note:	Not Reported
Level reading date:	1946-01-14	Feet below surface:	Not Reported
Feet to sea level:	-21.58	Note:	Not Reported
Level reading date:	1946-01-07	Feet below surface:	Not Reported
Feet to sea level:	-21.72	Note:	Not Reported
Level reading date:	1945-12-31	Feet below surface:	Not Reported
Feet to sea level:	-21.80	Note:	Not Reported
Level reading date:	1945-12-24	Feet below surface:	Not Reported
Feet to sea level:	-21.92	Note:	Not Reported
Level reading date:	1945-12-17	Feet below surface:	Not Reported
Feet to sea level:	-22.02	Note:	Not Reported
Level reading date:	1945-12-10	Feet below surface:	Not Reported
Feet to sea level:	-22.04	Note:	Not Reported
Level reading date:	1945-12-03	Feet below surface:	Not Reported
Feet to sea level:	-22.16	Note:	Not Reported
Level reading date:	1945-11-26	Feet below surface:	Not Reported
Feet to sea level:	-22.30	Note:	Not Reported
Level reading date:	1945-11-19	Feet below surface:	Not Reported
Feet to sea level:	-22.37	Note:	Not Reported
Level reading date:	1945-11-12	Feet below surface:	Not Reported
Feet to sea level:	-22.40	Note:	Not Reported
Level reading date:	1945-11-05	Feet below surface:	Not Reported
Feet to sea level:	-22.43	Note:	Not Reported
Level reading date:	1945-10-29	Feet below surface:	Not Reported
Feet to sea level:	-22.53	Note:	Not Reported
Level reading date:	1945-10-22	Feet below surface:	Not Reported
Feet to sea level:	-22.60	Note:	Not Reported
Level reading date:	1945-10-15	Feet below surface:	Not Reported
Feet to sea level:	-22.92	Note:	Not Reported
Level reading date:	1945-10-08	Feet below surface:	Not Reported
Feet to sea level:	-23.01	Note:	Not Reported
Level reading date:	1945-10-01	Feet below surface:	Not Reported
Feet to sea level:	-23.37	Note:	Not Reported
Level reading date:	1945-09-24	Feet below surface:	Not Reported
Feet to sea level:	-23.09	Note:	Not Reported
Level reading date:	1945-09-17	Feet below surface:	Not Reported
Feet to sea level:	-23.54	Note:	Not Reported

Level reading date:	1945-09-10	Feet below surface:	Not Reported
Feet to sea level:	-24.16	Note:	Not Reported
Level reading date:	1945-09-04	Feet below surface:	Not Reported
Feet to sea level:	-23.99	Note:	Not Reported
Level reading date:	1945-08-27	Feet below surface:	Not Reported
Feet to sea level:	-23.42	Note:	Not Reported
Level reading date:	1945-08-20	Feet below surface:	Not Reported
Feet to sea level:	-23.77	Note:	Not Reported
Level reading date:	1945-08-13	Feet below surface:	Not Reported
Feet to sea level:	-23.91	Note:	Not Reported
Level reading date:	1945-08-06	Feet below surface:	Not Reported
Feet to sea level:	-23.40	Note:	Not Reported
Level reading date:	1945-07-30	Feet below surface:	Not Reported
Feet to sea level:	-22.87	Note:	Not Reported
Level reading date:	1945-07-23	Feet below surface:	Not Reported
Feet to sea level:	-23.03	Note:	Not Reported
Level reading date:	1945-07-16	Feet below surface:	Not Reported
Feet to sea level:	-23.03	Note:	Not Reported
Level reading date:	1945-07-07	Feet below surface:	Not Reported
Feet to sea level:	-22.41	Note:	Not Reported
Level reading date:	1945-06-30	Feet below surface:	Not Reported
Feet to sea level:	-22.10	Note:	Not Reported
Level reading date:	1945-06-23	Feet below surface:	Not Reported
Feet to sea level:	-21.92	Note:	Not Reported
Level reading date:	1945-06-16	Feet below surface:	Not Reported
Feet to sea level:	-21.97	Note:	Not Reported
Level reading date:	1945-06-09	Feet below surface:	Not Reported
Feet to sea level:	-20.67	Note:	Not Reported
Level reading date:	1945-06-02	Feet below surface:	Not Reported
Feet to sea level:	-20.49	Note:	Not Reported
Level reading date:	1945-05-26	Feet below surface:	Not Reported
Feet to sea level:	-20.31	Note:	Not Reported
Level reading date:	1945-05-19	Feet below surface:	Not Reported
Feet to sea level:	-20.31	Note:	Not Reported
Level reading date:	1945-05-12	Feet below surface:	Not Reported
Feet to sea level:	-20.47	Note:	Not Reported
Level reading date:	1945-05-05	Feet below surface:	Not Reported
Feet to sea level:	-20.40	Note:	Not Reported
Level reading date:	1945-04-28	Feet below surface:	Not Reported
Feet to sea level:	-20.29	Note:	Not Reported
Level reading date:	1945-04-21	Feet below surface:	Not Reported
Feet to sea level:	-20.19	Note:	Not Reported

Level reading date:	1945-04-14	Feet below surface:	Not Reported
Feet to sea level:	-20.27	Note:	Not Reported
Level reading date:	1945-04-07	Feet below surface:	Not Reported
Feet to sea level:	-20.37	Note:	Not Reported
Level reading date:	1945-03-31	Feet below surface:	Not Reported
Feet to sea level:	-20.28	Note:	Not Reported
Level reading date:	1945-03-24	Feet below surface:	Not Reported
Feet to sea level:	-20.37	Note:	Not Reported
Level reading date:	1945-03-17	Feet below surface:	Not Reported
Feet to sea level:	-20.41	Note:	Not Reported
Level reading date:	1945-03-10	Feet below surface:	Not Reported
Feet to sea level:	-20.46	Note:	Not Reported
Level reading date:	1945-03-03	Feet below surface:	Not Reported
Feet to sea level:	-20.53	Note:	Not Reported
Level reading date:	1945-02-24	Feet below surface:	Not Reported
Feet to sea level:	-20.60	Note:	Not Reported
Level reading date:	1945-02-19	Feet below surface:	Not Reported
Feet to sea level:	-20.65	Note:	Not Reported
Level reading date:	1945-02-10	Feet below surface:	Not Reported
Feet to sea level:	-20.73	Note:	Not Reported
Level reading date:	1945-02-03	Feet below surface:	Not Reported
Feet to sea level:	-20.83	Note:	Not Reported
Level reading date:	1945-01-27	Feet below surface:	Not Reported
Feet to sea level:	-20.87	Note:	Not Reported
Level reading date:	1945-01-20	Feet below surface:	Not Reported
Feet to sea level:	-21.05	Note:	Not Reported
Level reading date:	1945-01-13	Feet below surface:	Not Reported
Feet to sea level:	-21.20	Note:	Not Reported
Level reading date:	1945-01-06	Feet below surface:	Not Reported
Feet to sea level:	-21.31	Note:	Not Reported
Level reading date:	1944-12-30	Feet below surface:	Not Reported
Feet to sea level:	-21.41	Note:	Not Reported
Level reading date:	1944-12-23	Feet below surface:	Not Reported
Feet to sea level:	-21.53	Note:	Not Reported
Level reading date:	1944-12-16	Feet below surface:	Not Reported
Feet to sea level:	-21.59	Note:	Not Reported
Level reading date:	1944-12-09	Feet below surface:	Not Reported
Feet to sea level:	-21.72	Note:	Not Reported
Level reading date:	1944-12-02	Feet below surface:	Not Reported
Feet to sea level:	-21.80	Note:	Not Reported
Level reading date:	1944-11-25	Feet below surface:	Not Reported
Feet to sea level:	-21.85	Note:	Not Reported

Level reading date:	1944-11-18	Feet below surface:	Not Reported
Feet to sea level:	-21.96	Note:	Not Reported
Level reading date:	1944-11-11	Feet below surface:	Not Reported
Feet to sea level:	-22.00	Note:	Not Reported
Level reading date:	1944-11-04	Feet below surface:	Not Reported
Feet to sea level:	-22.02	Note:	Not Reported
Level reading date:	1944-10-28	Feet below surface:	Not Reported
Feet to sea level:	-22.20	Note:	Not Reported
Level reading date:	1944-10-21	Feet below surface:	Not Reported
Feet to sea level:	-22.14	Note:	Not Reported
Level reading date:	1944-10-14	Feet below surface:	Not Reported
Feet to sea level:	-22.19	Note:	Not Reported
Level reading date:	1944-10-07	Feet below surface:	Not Reported
Feet to sea level:	-22.24	Note:	Not Reported
Level reading date:	1944-09-30	Feet below surface:	Not Reported
Feet to sea level:	-22.43	Note:	Not Reported
Level reading date:	1944-09-23	Feet below surface:	Not Reported
Feet to sea level:	-23.36	Note:	Not Reported
Level reading date:	1944-09-16	Feet below surface:	Not Reported
Feet to sea level:	-23.51	Note:	Not Reported
Level reading date:	1944-09-09	Feet below surface:	Not Reported
Feet to sea level:	-23.72	Note:	Not Reported
Level reading date:	1944-09-02	Feet below surface:	Not Reported
Feet to sea level:	-23.55	Note:	Not Reported
Level reading date:	1944-08-26	Feet below surface:	Not Reported
Feet to sea level:	-23.63	Note:	Not Reported
Level reading date:	1944-08-19	Feet below surface:	Not Reported
Feet to sea level:	-23.36	Note:	Not Reported
Level reading date:	1944-08-12	Feet below surface:	Not Reported
Feet to sea level:	-23.18	Note:	Not Reported
Level reading date:	1944-08-05	Feet below surface:	Not Reported
Feet to sea level:	-23.07	Note:	Not Reported
Level reading date:	1944-07-29	Feet below surface:	Not Reported
Feet to sea level:	-23.13	Note:	Not Reported
Level reading date:	1944-07-22	Feet below surface:	Not Reported
Feet to sea level:	-23.10	Note:	Not Reported
Level reading date:	1944-07-15	Feet below surface:	Not Reported
Feet to sea level:	-23.04	Note:	Not Reported
Level reading date:	1944-07-01	Feet below surface:	Not Reported
Feet to sea level:	-22.18	Note:	Not Reported
Level reading date:	1944-06-24	Feet below surface:	Not Reported
Feet to sea level:	-22.26	Note:	Not Reported

Level reading date:	1944-06-17	Feet below surface:	Not Reported
Feet to sea level:	-21.84	Note:	Not Reported
Level reading date:	1944-06-10	Feet below surface:	Not Reported
Feet to sea level:	-20.44	Note:	Not Reported
Level reading date:	1944-06-03	Feet below surface:	Not Reported
Feet to sea level:	-20.83	Note:	Not Reported
Level reading date:	1944-05-27	Feet below surface:	Not Reported
Feet to sea level:	-20.07	Note:	Not Reported
Level reading date:	1944-05-13	Feet below surface:	Not Reported
Feet to sea level:	-20.08	Note:	Not Reported
Level reading date:	1944-05-05	Feet below surface:	Not Reported
Feet to sea level:	-20.33	Note:	Not Reported
Level reading date:	1944-03-30	Feet below surface:	Not Reported
Feet to sea level:	-20.46	Note:	Not Reported
Level reading date:	1944-03-18	Feet below surface:	Not Reported
Feet to sea level:	-20.54	Note:	Not Reported
Level reading date:	1944-03-11	Feet below surface:	Not Reported
Feet to sea level:	-20.55	Note:	Not Reported
Level reading date:	1944-03-04	Feet below surface:	Not Reported
Feet to sea level:	-20.67	Note:	Not Reported
Level reading date:	1944-02-26	Feet below surface:	Not Reported
Feet to sea level:	-20.63	Note:	Not Reported
Level reading date:	1944-02-12	Feet below surface:	Not Reported
Feet to sea level:	-20.79	Note:	Not Reported
Level reading date:	1944-02-05	Feet below surface:	Not Reported
Feet to sea level:	-20.90	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	-20.92	Note:	Not Reported
Level reading date:	1944-01-08	Feet below surface:	Not Reported
Feet to sea level:	-21.19	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	-21.33	Note:	Not Reported
Level reading date:	1943-12-18	Feet below surface:	Not Reported
Feet to sea level:	-21.51	Note:	Not Reported
Level reading date:	1943-12-11	Feet below surface:	Not Reported
Feet to sea level:	-21.65	Note:	Not Reported
Level reading date:	1943-12-04	Feet below surface:	Not Reported
Feet to sea level:	-21.53	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	-21.67	Note:	Not Reported
Level reading date:	1943-11-20	Feet below surface:	Not Reported
Feet to sea level:	-21.73	Note:	Not Reported

Level reading date:	1943-10-30	Feet below surface:	Not Reported
Feet to sea level:	-21.96	Note:	Not Reported
Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	-22.41	Note:	Not Reported
Level reading date:	1943-09-18	Feet below surface:	Not Reported
Feet to sea level:	-22.81	Note:	Not Reported
Level reading date:	1943-09-11	Feet below surface:	Not Reported
Feet to sea level:	-23.37	Note:	Not Reported
Level reading date:	1943-09-04	Feet below surface:	Not Reported
Feet to sea level:	-23.29	Note:	Not Reported
Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	-22.93	Note:	Not Reported
Level reading date:	1943-08-21	Feet below surface:	Not Reported
Feet to sea level:	-22.92	Note:	Not Reported
Level reading date:	1943-08-14	Feet below surface:	Not Reported
Feet to sea level:	-22.93	Note:	Not Reported
Level reading date:	1943-08-07	Feet below surface:	Not Reported
Feet to sea level:	-23.09	Note:	Not Reported
Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	-23.43	Note:	Not Reported
Level reading date:	1943-07-23	Feet below surface:	Not Reported
Feet to sea level:	-23.23	Note:	Not Reported
Level reading date:	1943-07-17	Feet below surface:	Not Reported
Feet to sea level:	-22.90	Note:	Not Reported
Level reading date:	1943-07-09	Feet below surface:	Not Reported
Feet to sea level:	-22.37	Note:	Not Reported
Level reading date:	1943-07-03	Feet below surface:	Not Reported
Feet to sea level:	-22.61	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	-22.09	Note:	Not Reported
Level reading date:	1943-06-19	Feet below surface:	Not Reported
Feet to sea level:	-22.44	Note:	Not Reported
Level reading date:	1943-06-12	Feet below surface:	Not Reported
Feet to sea level:	-20.81	Note:	Not Reported
Level reading date:	1943-06-05	Feet below surface:	Not Reported
Feet to sea level:	-21.50	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	-20.42	Note:	Not Reported
Level reading date:	1943-05-22	Feet below surface:	Not Reported
Feet to sea level:	-20.69	Note:	Not Reported
Level reading date:	1943-05-15	Feet below surface:	Not Reported
Feet to sea level:	-20.30	Note:	Not Reported

Level reading date:	1943-05-08	Feet below surface:	Not Reported
Feet to sea level:	-20.09	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	-20.16	Note:	Not Reported
Level reading date:	1943-04-24	Feet below surface:	Not Reported
Feet to sea level:	-19.92	Note:	Not Reported
Level reading date:	1943-04-17	Feet below surface:	Not Reported
Feet to sea level:	-19.98	Note:	Not Reported
Level reading date:	1943-04-10	Feet below surface:	Not Reported
Feet to sea level:	-20.02	Note:	Not Reported
Level reading date:	1943-04-03	Feet below surface:	Not Reported
Feet to sea level:	-20.07	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	-20.18	Note:	Not Reported
Level reading date:	1943-03-20	Feet below surface:	Not Reported
Feet to sea level:	-20.38	Note:	Not Reported
Level reading date:	1943-02-20	Feet below surface:	Not Reported
Feet to sea level:	-20.64	Note:	Not Reported
Level reading date:	1943-01-22	Feet below surface:	Not Reported
Feet to sea level:	-21.02	Note:	Not Reported
Level reading date:	1942-12-22	Feet below surface:	Not Reported
Feet to sea level:	-21.21	Note:	Not Reported
Level reading date:	1942-10-15	Feet below surface:	Not Reported
Feet to sea level:	-21.92	Note:	Not Reported

53
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828676**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 261. 1	Type:	Well
Description:	1601	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	95	Well Depth Units:	ft
Well Hole Depth:	95	Well Hole Depth Units:	ft

N54
NW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000209**

Well Number:	K003559	Owner:	166 Owners Group
Well Depth:	25	Diameter:	2
Casing Length:	0	Screen Diameter:	0

Screen Length: 0

N55
NW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000252**

Well Number:	K003600D	Owner:	Murmann, Anya
Well Depth:	150	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

N56
NW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000251**

Well Number:	K003599	Owner:	Murmann, Anya
Well Depth:	105	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

O57
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828183**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 720. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	103	Well Hole Depth Units:	ft

58
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000827905**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 907. 1	Type:	Well
Description:	2301	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	130
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O59
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828193**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1091. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	124	Well Hole Depth Units:	ft

60
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828477**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1578. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	203	Well Hole Depth Units:	ft

P61
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828020**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2512. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	152	Well Hole Depth Units:	ft

P62
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828021**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2513. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	130	Well Hole Depth Units:	ft

63
NNE
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000192**

Well Number:	K003542	Owner:	Pratt Institute
Well Depth:	230	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

64
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828452**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1192. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	112	Well Hole Depth Units:	ft

65
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828339**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 703. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	138	Well Hole Depth Units:	ft

66
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828661**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1365. 1	Type:	Well
Description:	Not Reported	HUC:	02030201

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	103	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	24	Level reading date:	1969-04-23
Feet below surface:	Not Reported	Feet to sea level:	-1.43
Note:	Not Reported		

Level reading date:	1968-04-23	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1967-10-23	Feet below surface:	Not Reported
Feet to sea level:	0.46	Note:	Not Reported
Level reading date:	1967-03-29	Feet below surface:	Not Reported
Feet to sea level:	0.07	Note:	Not Reported
Level reading date:	1966-10-25	Feet below surface:	Not Reported
Feet to sea level:	0.04	Note:	Not Reported
Level reading date:	1966-05-04	Feet below surface:	Not Reported
Feet to sea level:	-0.80	Note:	Not Reported
Level reading date:	1965-10-27	Feet below surface:	Not Reported
Feet to sea level:	-1.16	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	-1.01	Note:	Not Reported
Level reading date:	1965-05-04	Feet below surface:	Not Reported
Feet to sea level:	-0.28	Note:	Not Reported
Level reading date:	1964-11-02	Feet below surface:	Not Reported
Feet to sea level:	-0.78	Note:	Not Reported
Level reading date:	1964-04-23	Feet below surface:	Not Reported
Feet to sea level:	0.05	Note:	Not Reported
Level reading date:	1963-04-25	Feet below surface:	Not Reported
Feet to sea level:	0.02	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	0.58	Note:	Not Reported
Level reading date:	1961-12-27	Feet below surface:	Not Reported
Feet to sea level:	-0.10	Note:	Not Reported
Level reading date:	1961-01-05	Feet below surface:	Not Reported
Feet to sea level:	-0.73	Note:	Not Reported
Level reading date:	1960-01-11	Feet below surface:	Not Reported
Feet to sea level:	-1.61	Note:	Not Reported
Level reading date:	1959-03-11	Feet below surface:	Not Reported
Feet to sea level:	-4.72	Note:	Not Reported
Level reading date:	1954-12-17	Feet below surface:	Not Reported
Feet to sea level:	-4.06	Note:	Not Reported

Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-4.32	Note:	Not Reported
Level reading date:	1953-01-13	Feet below surface:	Not Reported
Feet to sea level:	-5.29	Note:	Not Reported
Level reading date:	1951-01-02	Feet below surface:	Not Reported
Feet to sea level:	-4.66	Note:	Not Reported
Level reading date:	1950-12-12	Feet below surface:	Not Reported
Feet to sea level:	-11.26	Note:	Not Reported
Level reading date:	1950-03-24	Feet below surface:	Not Reported
Feet to sea level:	-10.77	Note:	Not Reported
Level reading date:	1950-02-28	Feet below surface:	Not Reported
Feet to sea level:	-11.14	Note:	Not Reported

67
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828703**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 661. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	148	Well Hole Depth Units:	ft

68
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828254**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1069. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	60
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	55	Level reading date:	1980-03-13
Feet below surface:	Not Reported	Feet to sea level:	1.31
Note:	Not Reported		
Level reading date:	1979-12-18	Feet below surface:	Not Reported
Feet to sea level:	2.00	Note:	Not Reported
Level reading date:	1979-09-17	Feet below surface:	Not Reported
Feet to sea level:	1.80	Note:	Not Reported

Level reading date:	1979-06-28	Feet below surface:	Not Reported
Feet to sea level:	2.50	Note:	Not Reported
Level reading date:	1979-03-26	Feet below surface:	Not Reported
Feet to sea level:	1.89	Note:	Not Reported
Level reading date:	1978-12-22	Feet below surface:	Not Reported
Feet to sea level:	1.49	Note:	Not Reported
Level reading date:	1978-10-02	Feet below surface:	Not Reported
Feet to sea level:	1.88	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	2.80	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	2.97	Note:	Not Reported
Level reading date:	1978-01-03	Feet below surface:	Not Reported
Feet to sea level:	2.73	Note:	Not Reported
Level reading date:	1977-10-13	Feet below surface:	Not Reported
Feet to sea level:	2.65	Note:	Not Reported
Level reading date:	1977-07-07	Feet below surface:	Not Reported
Feet to sea level:	2.34	Note:	Not Reported
Level reading date:	1977-03-28	Feet below surface:	Not Reported
Feet to sea level:	1.43	Note:	Not Reported
Level reading date:	1976-12-22	Feet below surface:	Not Reported
Feet to sea level:	1.84	Note:	Not Reported
Level reading date:	1976-09-23	Feet below surface:	Not Reported
Feet to sea level:	2.10	Note:	Not Reported
Level reading date:	1976-06-28	Feet below surface:	Not Reported
Feet to sea level:	2.40	Note:	Not Reported
Level reading date:	1976-03-23	Feet below surface:	Not Reported
Feet to sea level:	2.35	Note:	Not Reported
Level reading date:	1975-12-30	Feet below surface:	Not Reported
Feet to sea level:	2.33	Note:	Not Reported
Level reading date:	1975-10-08	Feet below surface:	Not Reported
Feet to sea level:	2.57	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	2.29	Note:	Not Reported
Level reading date:	1975-03-26	Feet below surface:	Not Reported
Feet to sea level:	2.27	Note:	Not Reported
Level reading date:	1974-12-20	Feet below surface:	Not Reported
Feet to sea level:	2.38	Note:	Not Reported
Level reading date:	1974-09-05	Feet below surface:	Not Reported
Feet to sea level:	2.44	Note:	Not Reported
Level reading date:	1973-10-02	Feet below surface:	Not Reported
Feet to sea level:	2.57	Note:	Not Reported

Level reading date:	1973-07-09	Feet below surface:	Not Reported
Feet to sea level:	0.23	Note:	Not Reported
Level reading date:	1973-04-03	Feet below surface:	Not Reported
Feet to sea level:	0.56	Note:	Not Reported
Level reading date:	1972-12-27	Feet below surface:	Not Reported
Feet to sea level:	1.07	Note:	Not Reported
Level reading date:	1972-10-03	Feet below surface:	Not Reported
Feet to sea level:	0.50	Note:	Not Reported
Level reading date:	1972-07-11	Feet below surface:	Not Reported
Feet to sea level:	0.30	Note:	Not Reported
Level reading date:	1972-03-28	Feet below surface:	Not Reported
Feet to sea level:	0.90	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	Not Reported
Feet to sea level:	1.86	Note:	Not Reported
Level reading date:	1971-09-27	Feet below surface:	Not Reported
Feet to sea level:	2.81	Note:	Not Reported
Level reading date:	1971-03-08	Feet below surface:	Not Reported
Feet to sea level:	2.01	Note:	Not Reported
Level reading date:	1970-10-30	Feet below surface:	Not Reported
Feet to sea level:	1.94	Note:	Not Reported
Level reading date:	1970-03-13	Feet below surface:	Not Reported
Feet to sea level:	1.75	Note:	Not Reported
Level reading date:	1969-11-10	Feet below surface:	Not Reported
Feet to sea level:	0.99	Note:	Not Reported
Level reading date:	1969-09-03	Feet below surface:	Not Reported
Feet to sea level:	1.05	Note:	Not Reported
Level reading date:	1968-11-06	Feet below surface:	Not Reported
Feet to sea level:	1.43	Note:	Not Reported
Level reading date:	1968-04-23	Feet below surface:	Not Reported
Feet to sea level:	1.43	Note:	Not Reported
Level reading date:	1967-10-23	Feet below surface:	Not Reported
Feet to sea level:	1.46	Note:	Not Reported
Level reading date:	1967-03-29	Feet below surface:	Not Reported
Feet to sea level:	1.61	Note:	Not Reported
Level reading date:	1966-10-25	Feet below surface:	Not Reported
Feet to sea level:	-0.78	Note:	Not Reported
Level reading date:	1966-05-04	Feet below surface:	Not Reported
Feet to sea level:	1.46	Note:	Not Reported
Level reading date:	1965-10-27	Feet below surface:	Not Reported
Feet to sea level:	1.59	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	1.72	Note:	Not Reported

Level reading date:	1965-05-04	Feet below surface:	Not Reported
Feet to sea level:	1.88	Note:	Not Reported
Level reading date:	1964-11-02	Feet below surface:	Not Reported
Feet to sea level:	1.28	Note:	Not Reported
Level reading date:	1964-04-23	Feet below surface:	Not Reported
Feet to sea level:	1.32	Note:	Not Reported
Level reading date:	1963-04-25	Feet below surface:	Not Reported
Feet to sea level:	1.75	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	1.76	Note:	Not Reported
Level reading date:	1960-09-09	Feet below surface:	Not Reported
Feet to sea level:	0.73	Note:	Not Reported
Level reading date:	1960-01-11	Feet below surface:	Not Reported
Feet to sea level:	0.82	Note:	Not Reported
Level reading date:	1954-12-17	Feet below surface:	Not Reported
Feet to sea level:	0.06	Note:	Not Reported
Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-0.11	Note:	Not Reported
Level reading date:	1953-01-15	Feet below surface:	Not Reported
Feet to sea level:	-0.34	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D
Historical Sanborn Maps

601 Union Street

601 Union Street

Brooklyn, NY 11217

Inquiry Number: 7002364.3

June 01, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/01/22

Site Name:

601 Union Street
601 Union Street
Brooklyn, NY 11217
EDR Inquiry # 7002364.3

Client Name:

Athenica Env. Services Inc.
45-09 Greenpoint Avenue
Long Island City, NY 11104
Contact: Evan Greenberg

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Athenica Env. Services Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 4164-455D-A7CE

PO # NA

Project 601 Union Street

Maps Provided:

2007	1995	1982	1951
2006	1993	1981	1950
2005	1992	1980	1938
2004	1991	1979	1928
2003	1988	1978	1926
2002	1987	1977	1922
2001	1986	1969	1915
1996	1985	1965	1906

1904
1888
1886

Sanborn® Library search results
Certification #: 4164-455D-A7CE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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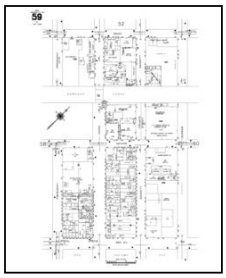
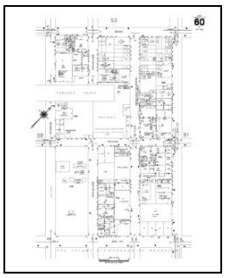
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets


Volume 1, Sheet 59
2007


Volume 1, Sheet 60
2007

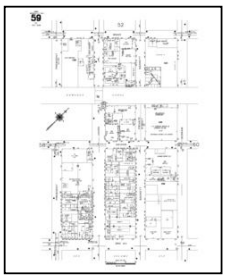
Volume 6, Sheet 26
2007

Volume 6, Sheet 27
2007

2006 Source Sheets

Volume 6, Sheet 26
2006

Volume 6, Sheet 27
2006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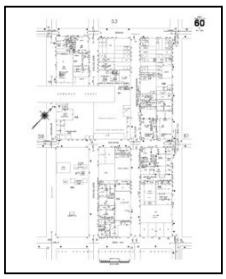
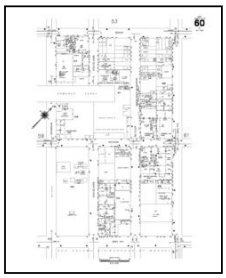

Volume 1, Sheet 60
2006

2005 Source Sheets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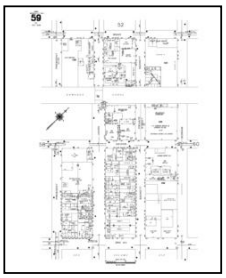
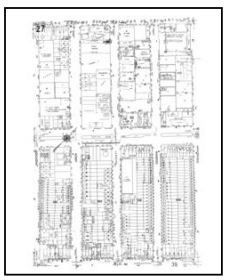

Volume 1, Sheet 59
2005

Volume 6, Sheet 26
2005

Volume 6, Sheet 27
2005

2004 Source Sheets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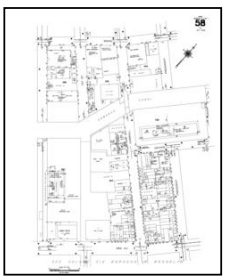
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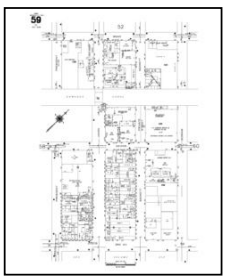
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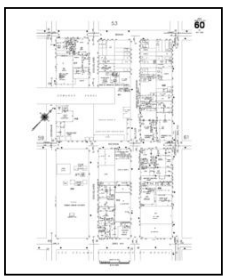
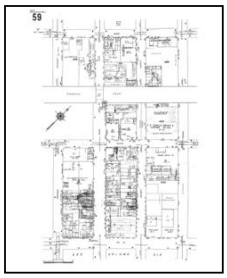
2004

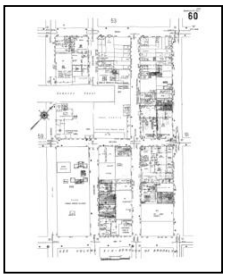

Volume 1, Sheet 60
2004

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

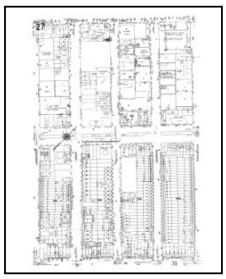

Volume 1, Sheet 59
2003

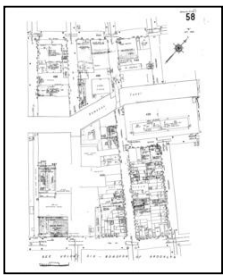

Volume 1, Sheet 60
2003

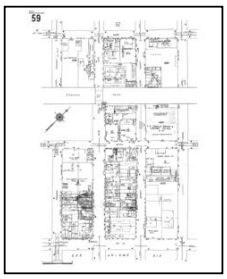
Volume 6, Sheet 27
2003

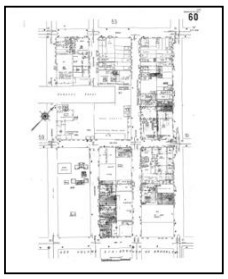
Volume 6, Sheet 26
2003

2002 Source Sheets

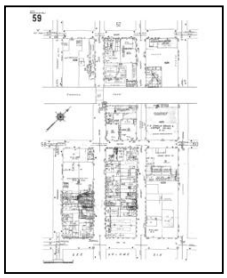

Volume 6, Sheet 27
2002

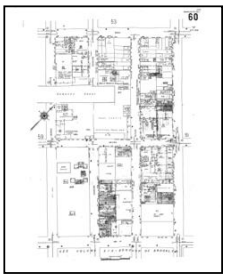

Volume 1, Sheet 58
2002


Volume 1, Sheet 59
2002


Volume 1, Sheet 60
2002

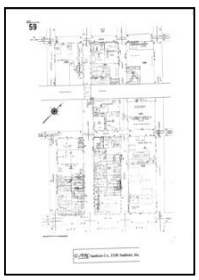
2001 Source Sheets

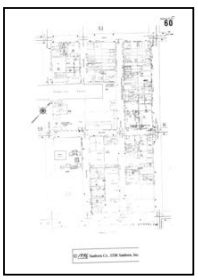

Volume 1, Sheet 59
2001


Volume 1, Sheet 60
2001

Volume 6, Sheet 27
2001

1996 Source Sheets


Volume 1, Sheet 59
1996


Volume 1, Sheet 60
1996

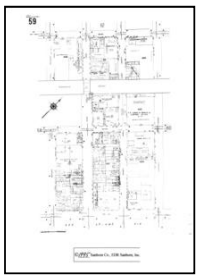
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

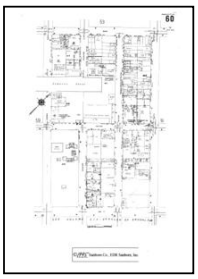
1995 Source Sheets

Volume 5, Sheet 26
1995-Jan

Volume 5, Sheet 27
1995-Jan

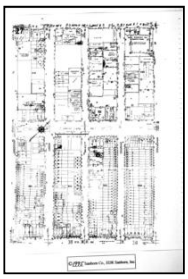


Volume 1, Sheet 59
1995



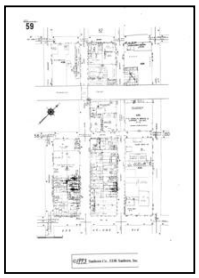
Volume 1, Sheet 60
1995

Volume 6, Sheet 26
1995

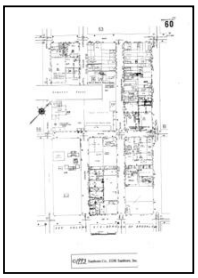


Volume 6, Sheet 27
1995

1993 Source Sheets



Volume 1, Sheet 59
1993



Volume 1, Sheet 60
1993

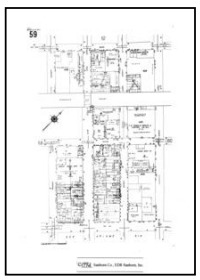
Volume 6, Sheet 26
1993

Volume 6, Sheet 27
1993

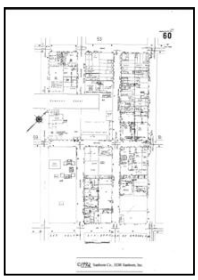
1992 Source Sheets

Volume 6, Sheet 26
1992

Volume 6, Sheet 27
1992



Volume 1, Sheet 59
1992



Volume 1, Sheet 60
1992

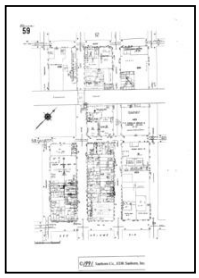
Sanborn Sheet Key

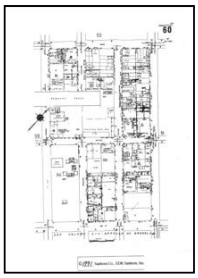
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets

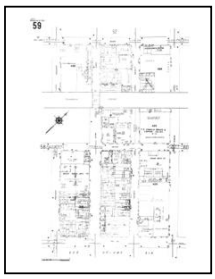
Volume 6, Sheet 26
1991

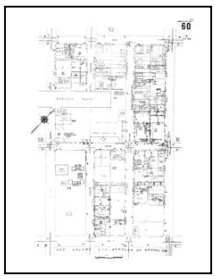
Volume 6, Sheet 27
1991


Volume 1, Sheet 59
1991

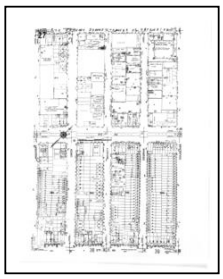

Volume 1, Sheet 60
1991

1988 Source Sheets

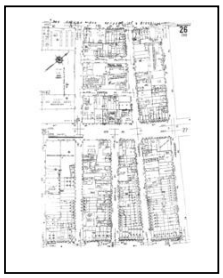

Volume 1, Sheet 59
1988

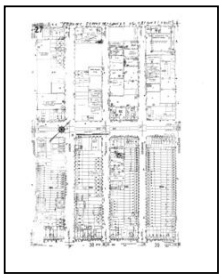

Volume 1, Sheet 60
1988

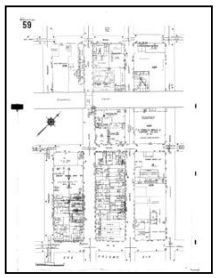
Volume 6, Sheet 26
1988


Volume 6, Sheet 27
1988

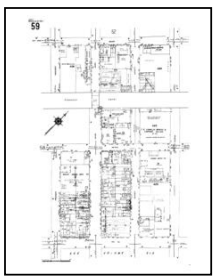
1987 Source Sheets

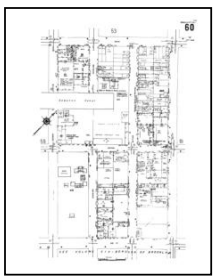

Volume 6, Sheet 26
1987


Volume 6, Sheet 27
1987


Volume 1, Sheet 59
1987

1986 Source Sheets

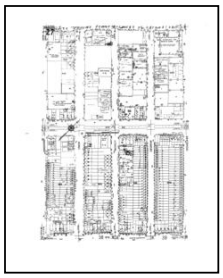

Volume 1, Sheet 59
1986


Volume 1, Sheet 60
1986

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

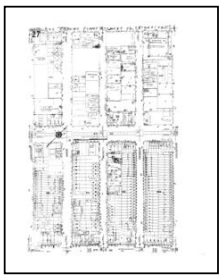
1985 Source Sheets



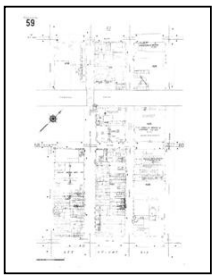
Volume 6, Sheet 27
1985

1982 Source Sheets

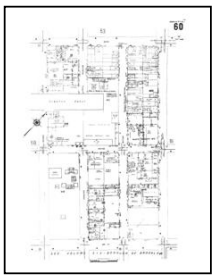
Volume 6, Sheet 26
1982



Volume 6, Sheet 27
1982



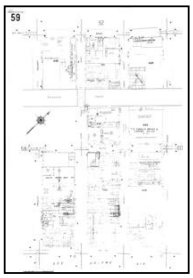
Volume 1, Sheet 59
1982



Volume 1, Sheet 60
1982

1981 Source Sheets

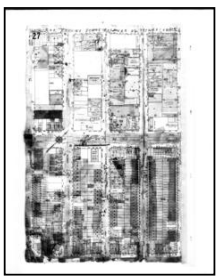
Volume 1, Sheet 58
1981



Volume 1, Sheet 59
1981

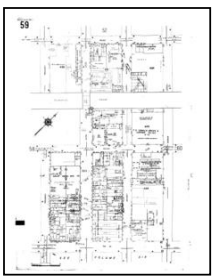
1980 Source Sheets

Volume 6, Sheet 26
1980

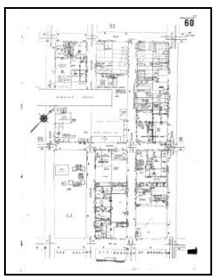


Volume 6, Sheet 27
1980

Volume 6, Sheet 27
1980



Volume 1, Sheet 59
1980

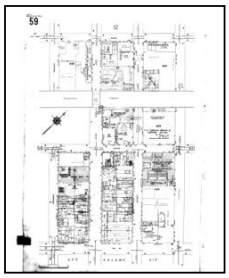


Volume 1, Sheet 60
1980

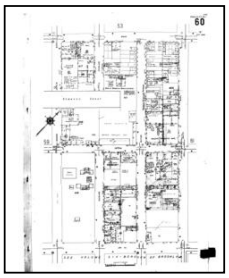
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1979 Source Sheets

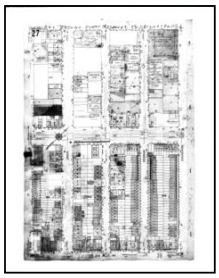


Volume 1, Sheet 59
1979



Volume 1, Sheet 60
1979

Volume 6, Sheet 26
1979



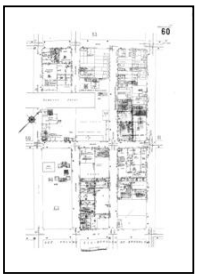
Volume 6, Sheet 27
1979

1978 Source Sheets

Volume 6, Sheet 27
1978

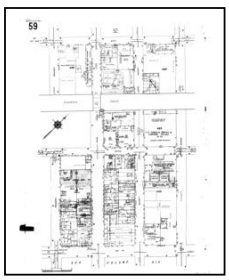
1977 Source Sheets

Volume 1, Sheet 59
1977

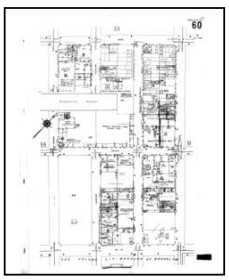


Volume 1, Sheet 60
1977

1969 Source Sheets



Volume 1, Sheet 59
1969

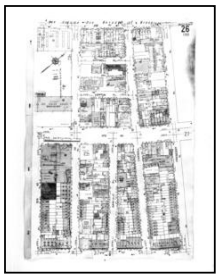


Volume 1, Sheet 60
1969

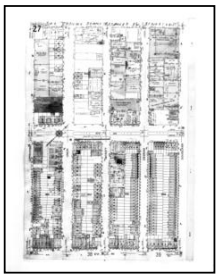
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1965 Source Sheets



Volume 6, Sheet 26
1965



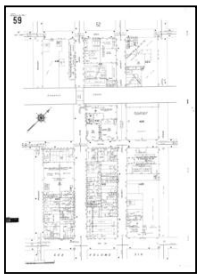
Volume 6, Sheet 27
1965

1951 Source Sheets

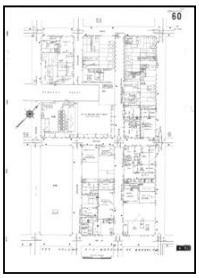
Volume 6, Sheet 26
1951

Volume 6, Sheet 27
1951

1950 Source Sheets

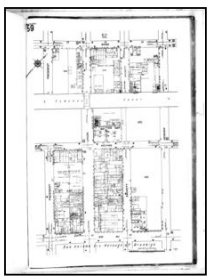


Volume 1, Sheet 59
1950

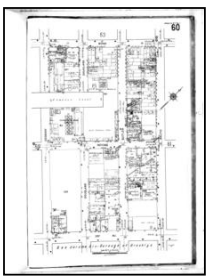


Volume 1, Sheet 60
1950

1938 Source Sheets



Volume 1, Sheet 59
1938

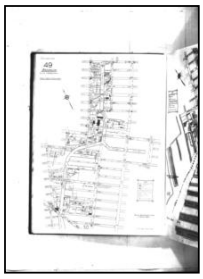


Volume 1, Sheet 60
1938

Sanborn Sheet Key

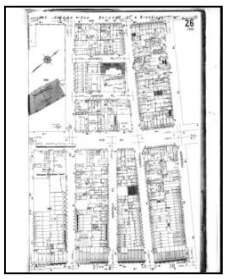
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1928 Source Sheets



Volume Pier Maps, Sheet 49
1928

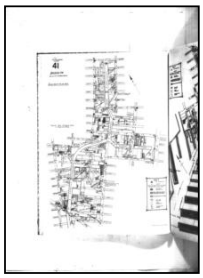
1926 Source Sheets



Volume 6, Sheet 26
1926

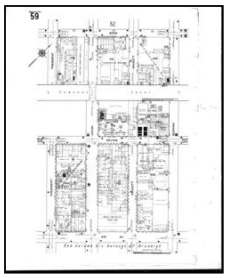
Volume 6, Sheet 27
1926

1922 Source Sheets

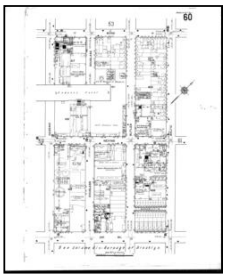


Volume Pier Maps, Sheet 41
1922

1915 Source Sheets



Volume 1, Sheet 59
1915

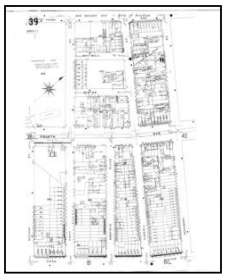


Volume 1, Sheet 60
1915

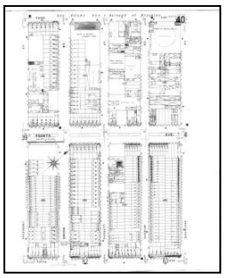
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1906 Source Sheets

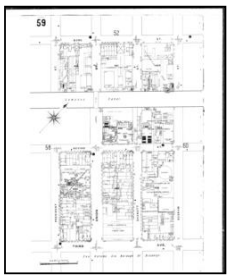


Volume 6, Sheet 39
1906

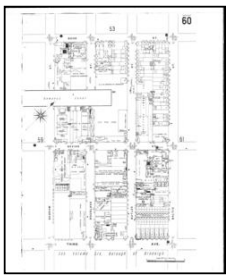


Volume 6, Sheet 40
1906

1904 Source Sheets



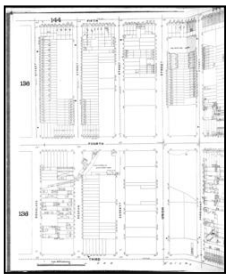
Volume 1, Sheet 59
1904



Volume 1, Sheet 60
1904

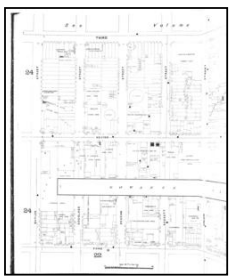
1888 Source Sheets

Volume 6, Sheet 137
1888



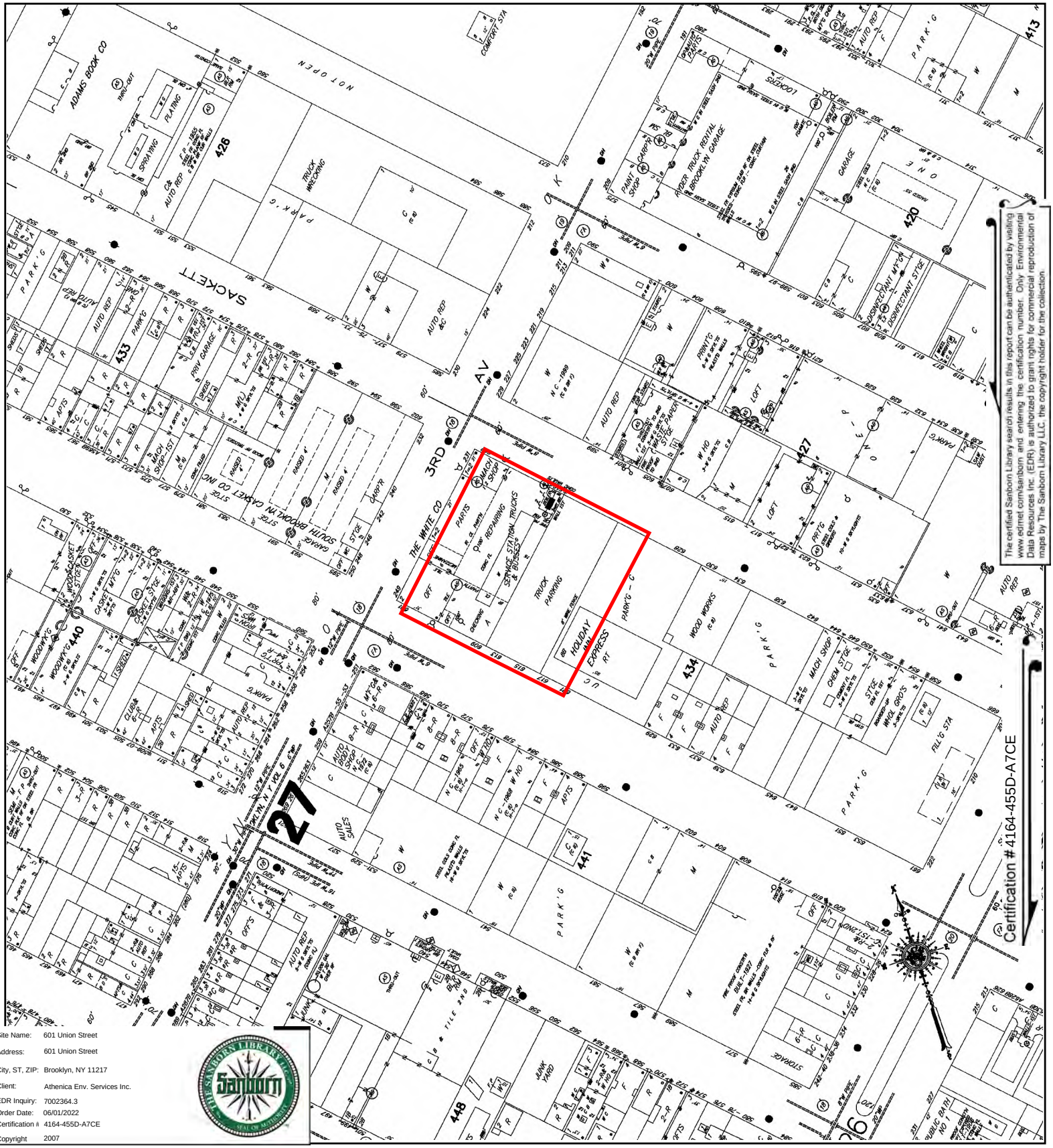
Volume 6, Sheet 137
1888

1886 Source Sheets



Volume 1, Sheet 25
1886

Volume 1, Sheet 25
1886



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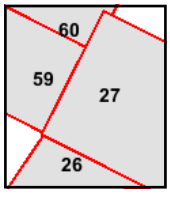

Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 60
Volume 1, Sheet 59

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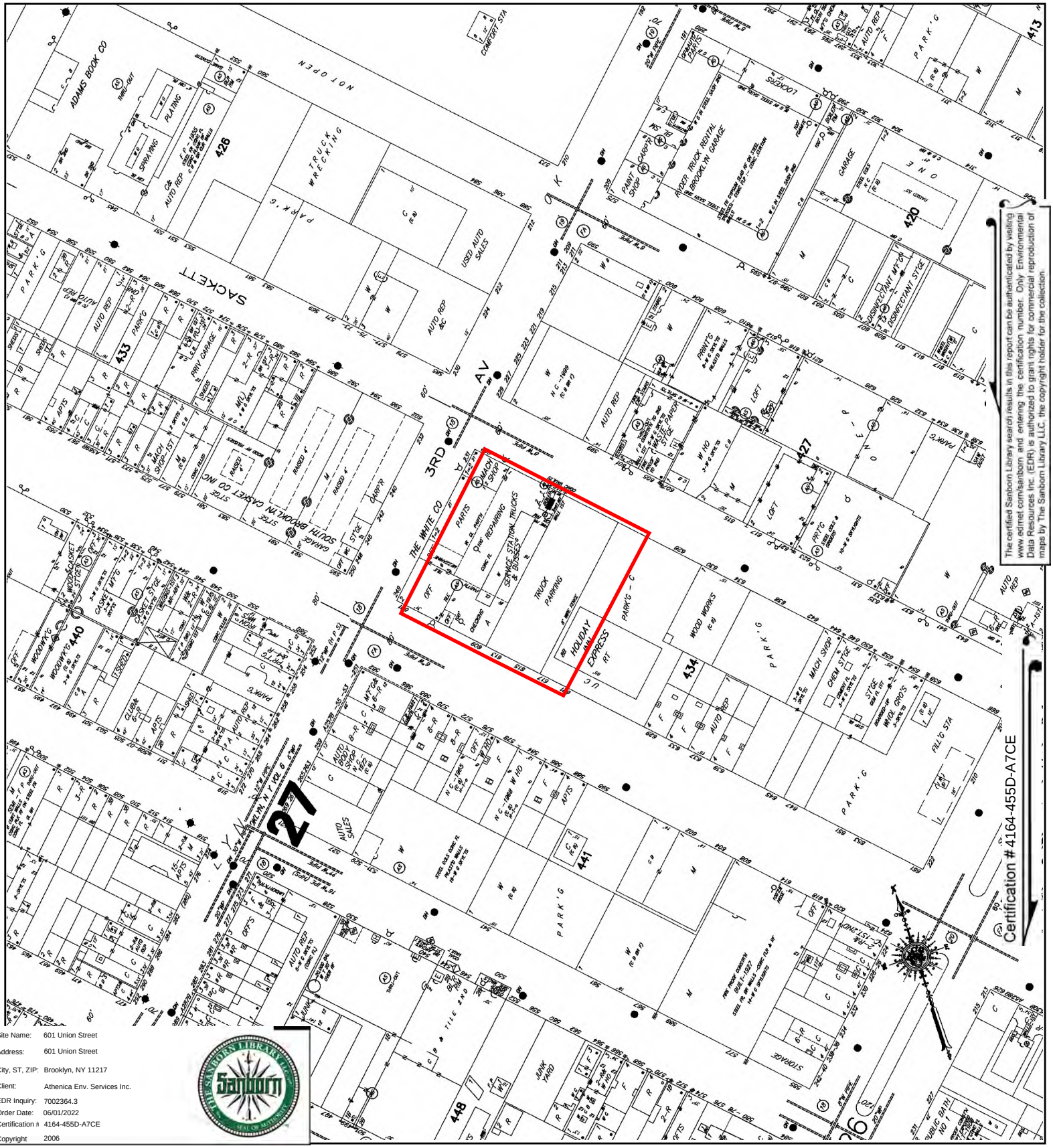

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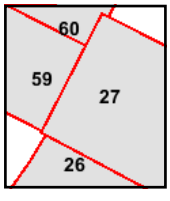

Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 6, Sheet 27
Volume 6, Sheet 26

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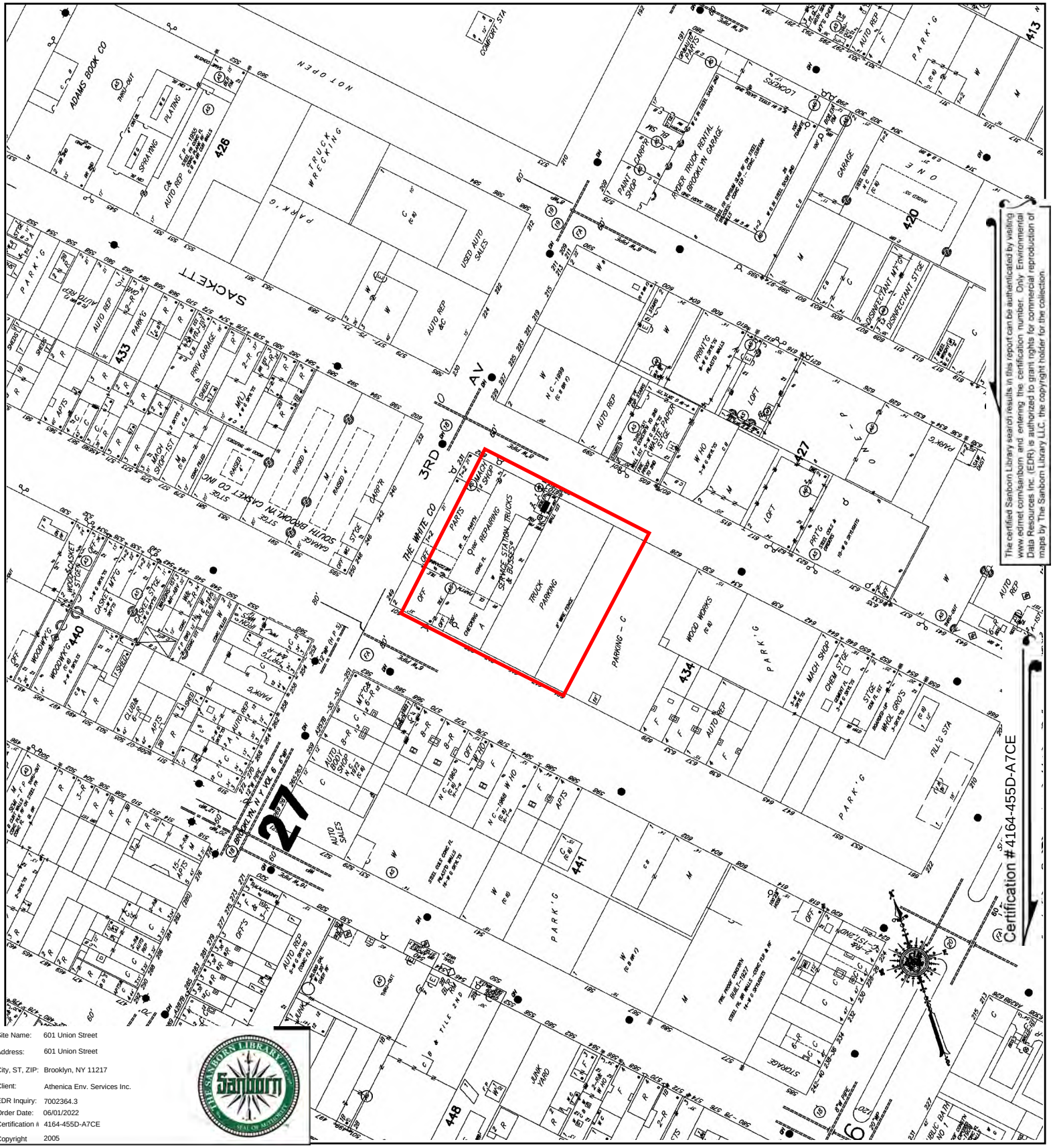

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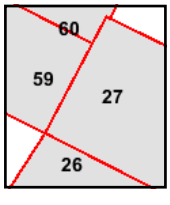

Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 59
Volume 1, Sheet 60

0 Feet 150 300 600

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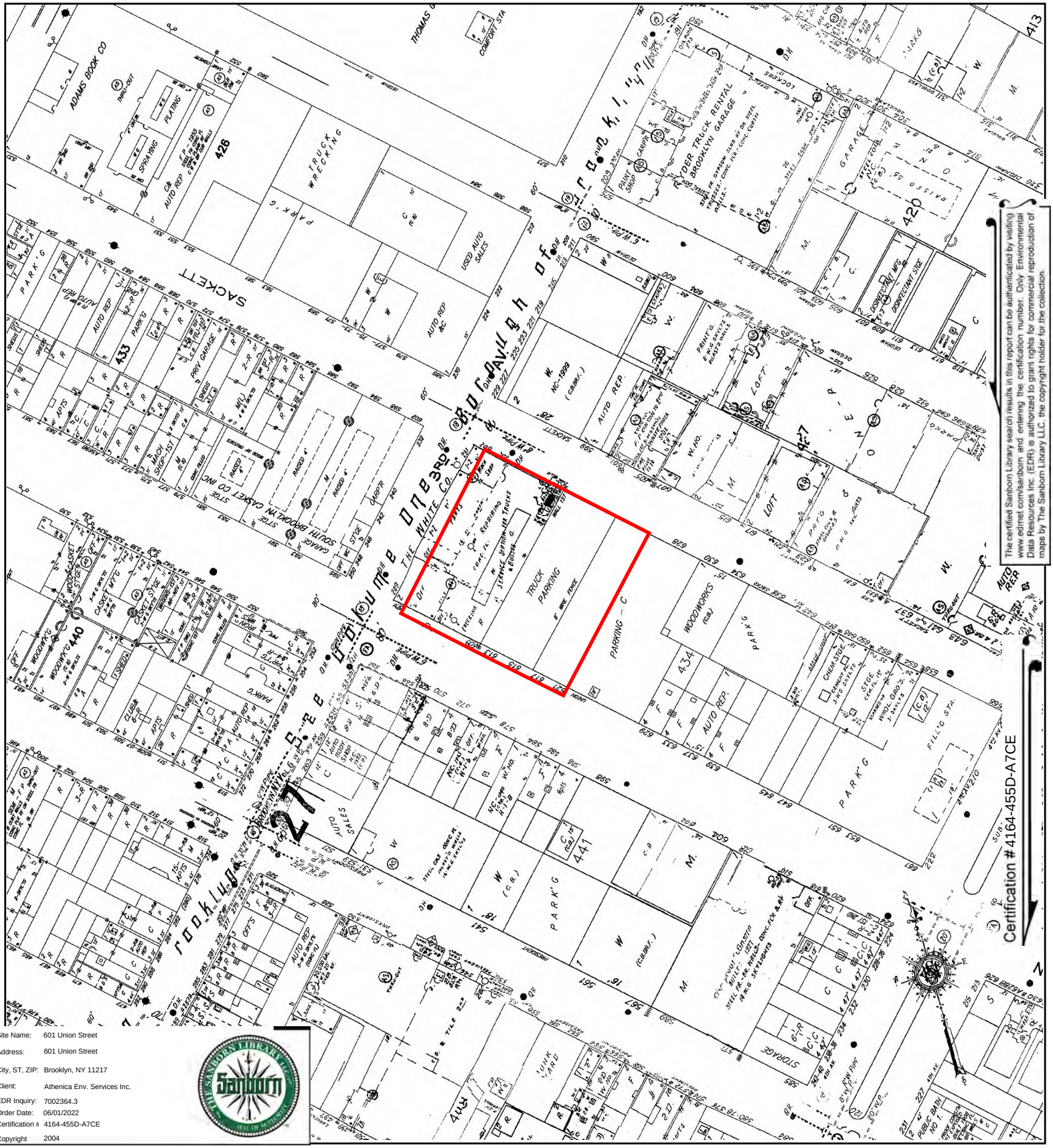

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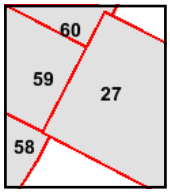

Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 58
Volume 6, Sheet 27

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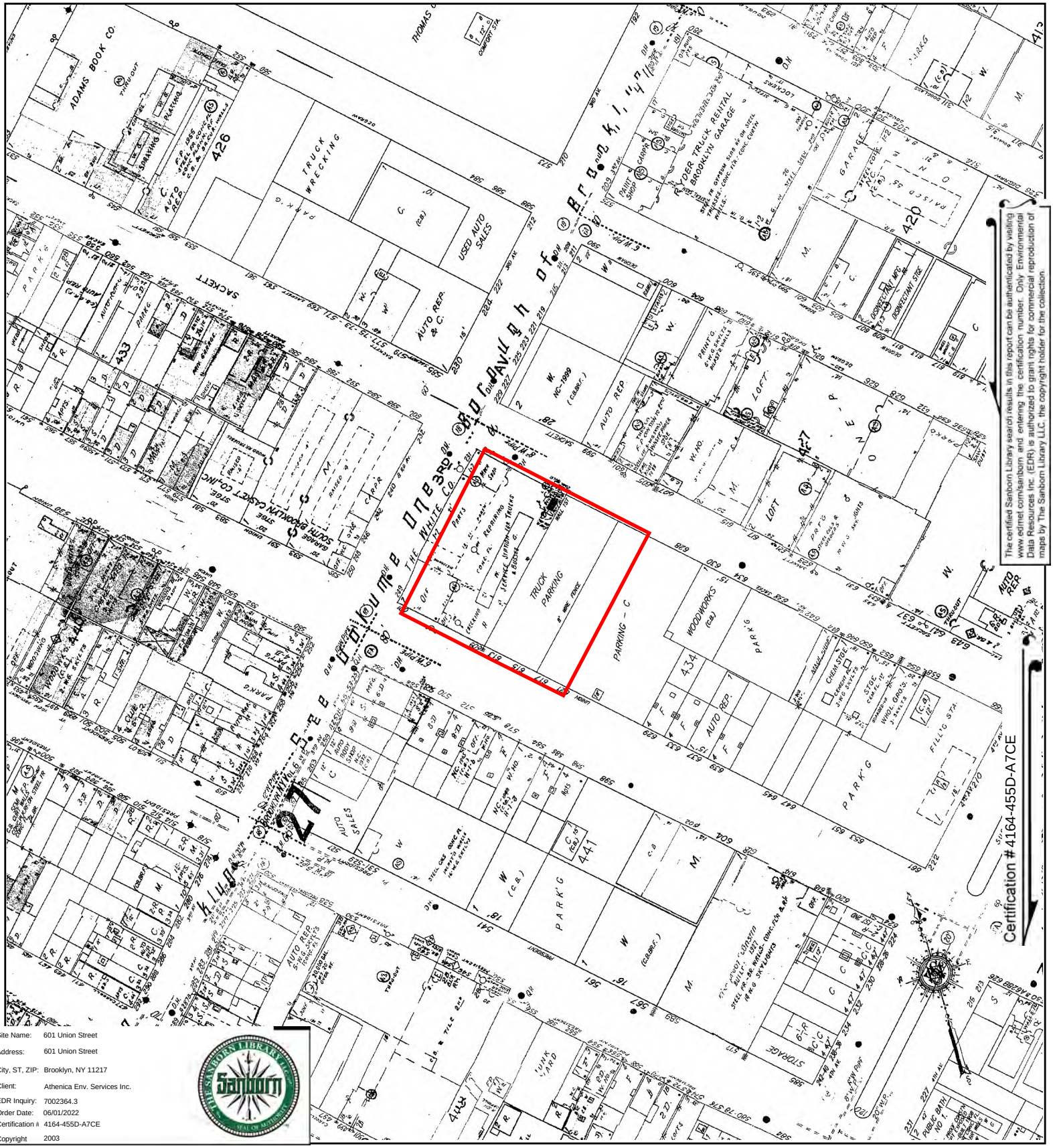

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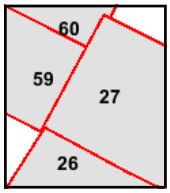

Volume 6, Sheet 26
Volume 6, Sheet 27
Volume 1, Sheet 60
Volume 1, Sheet 59

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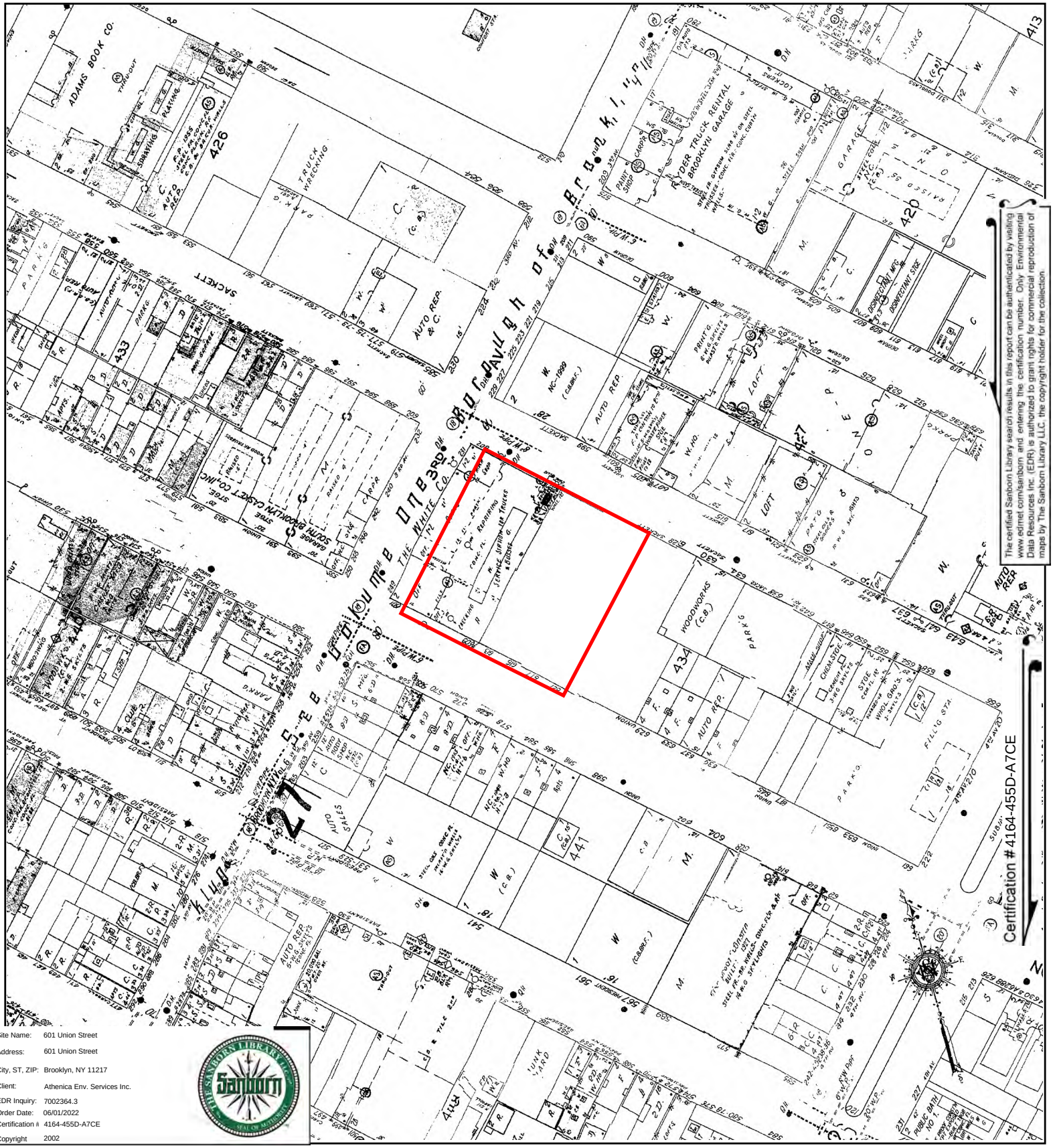

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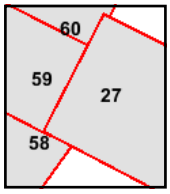

Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 58
Volume 6, Sheet 27

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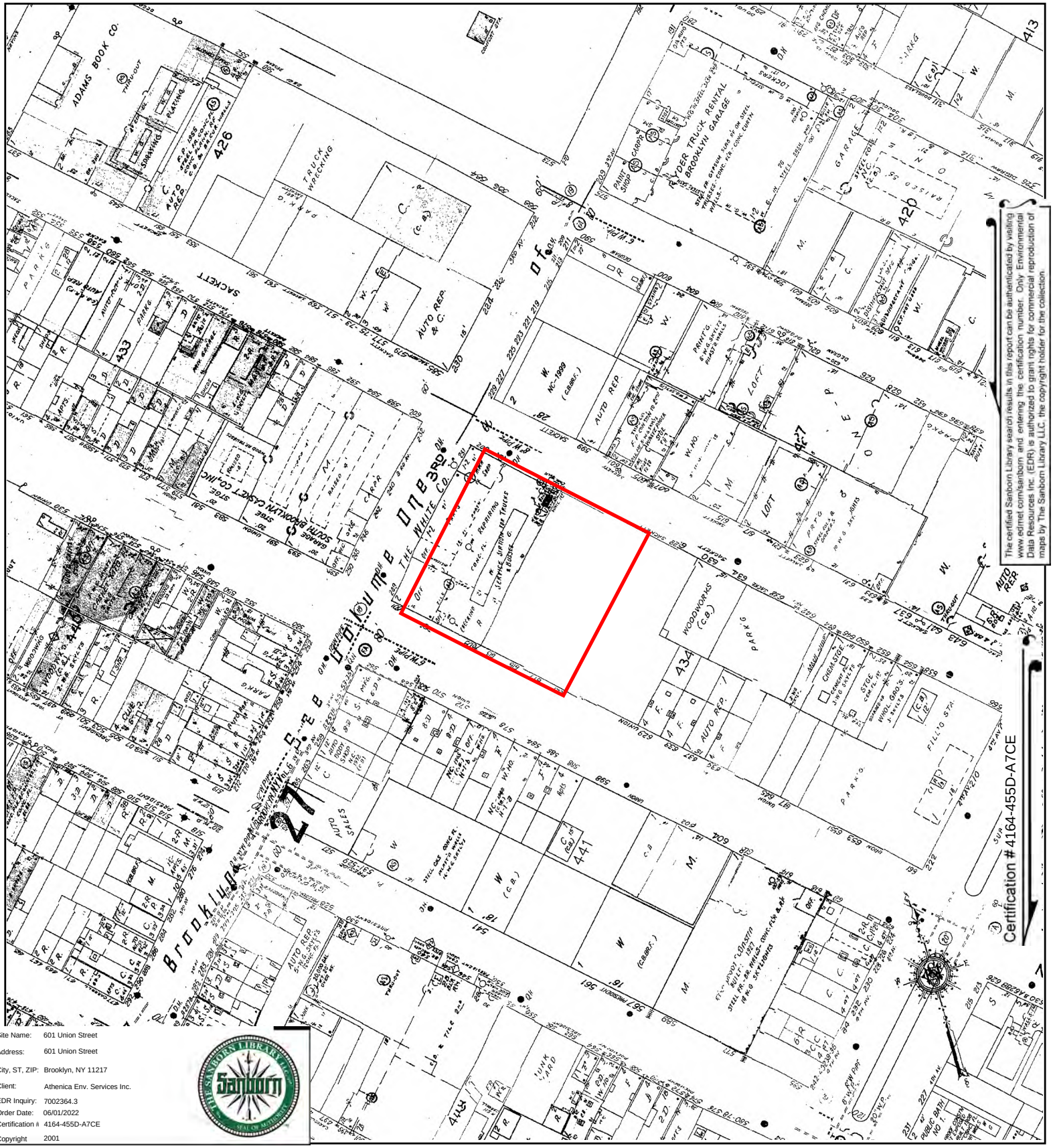

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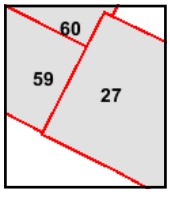

Volume 6, Sheet 27
Volume 1, Sheet 60
Volume 1, Sheet 59

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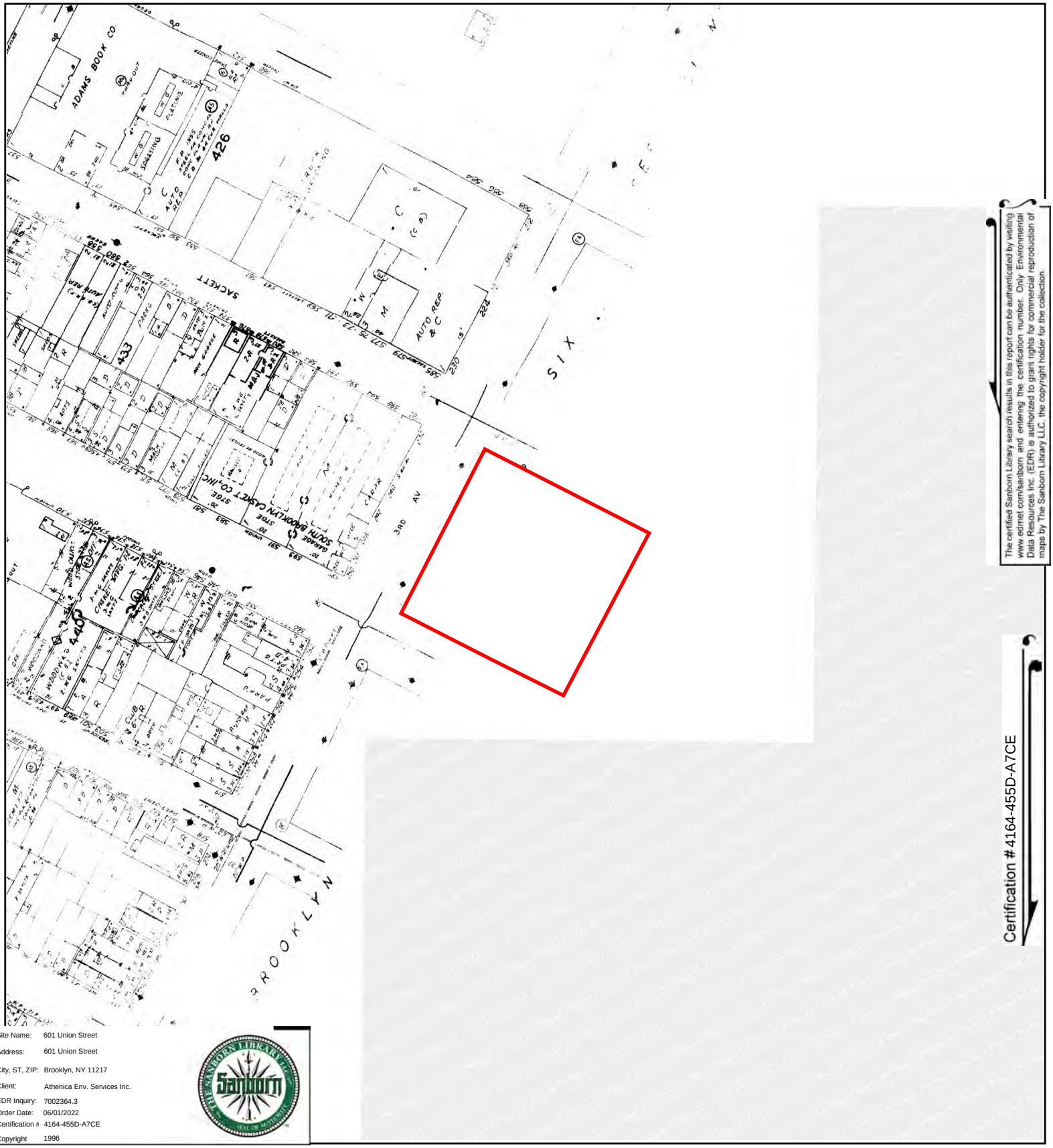

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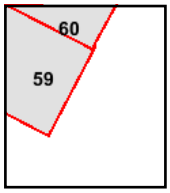

Volume 1, Sheet 60
Volume 1, Sheet 59

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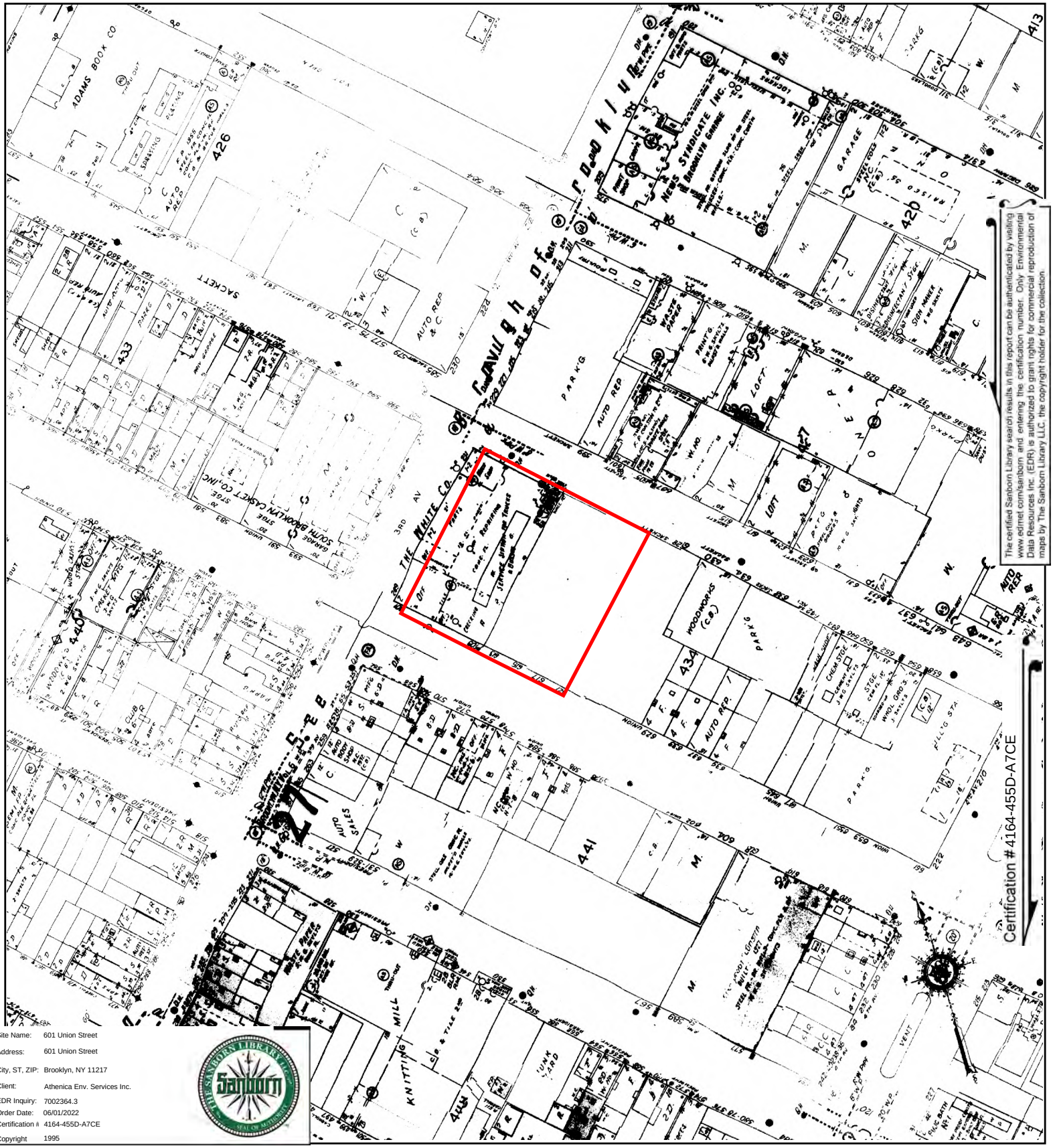

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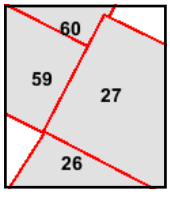

Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 5, Sheet 27
Volume 5, Sheet 26

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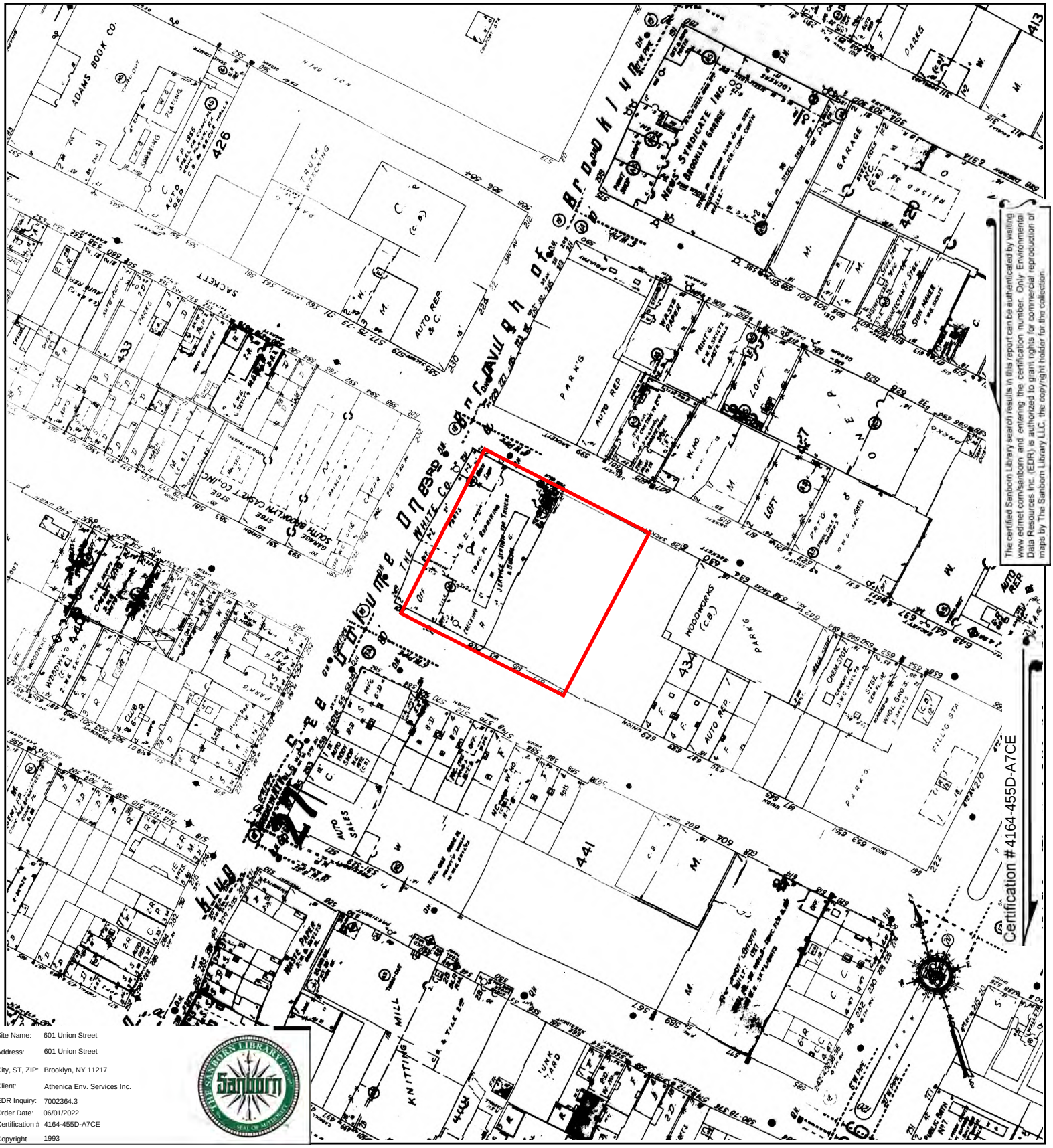

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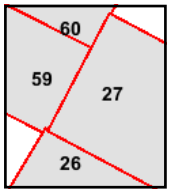
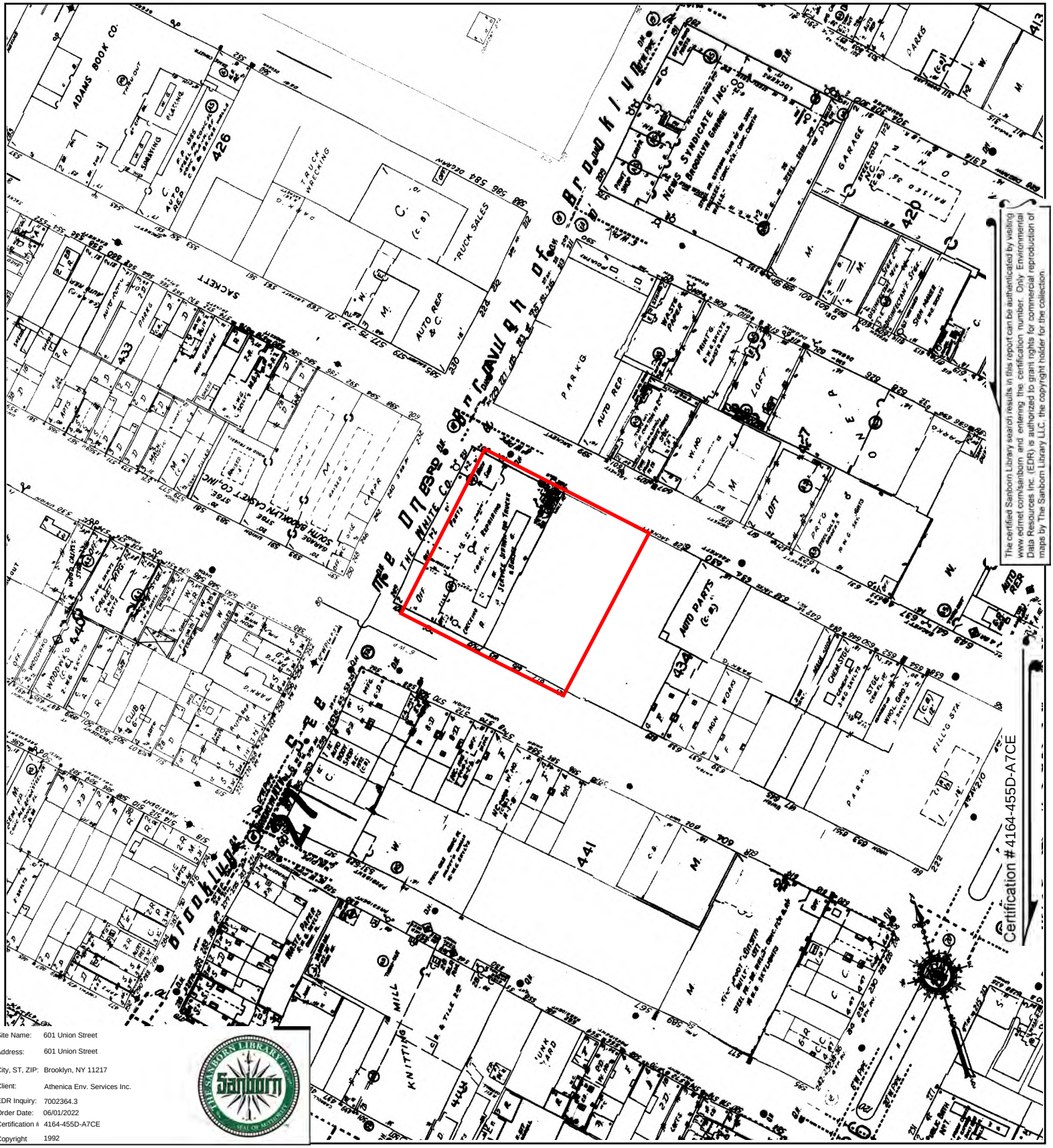


Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 60
Volume 1, Sheet 59

N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TRUCK WRECKING
AUTO REP.
TRUCK SALES
SACKETT
NEWS SYNDICATE INC.
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GARAGE
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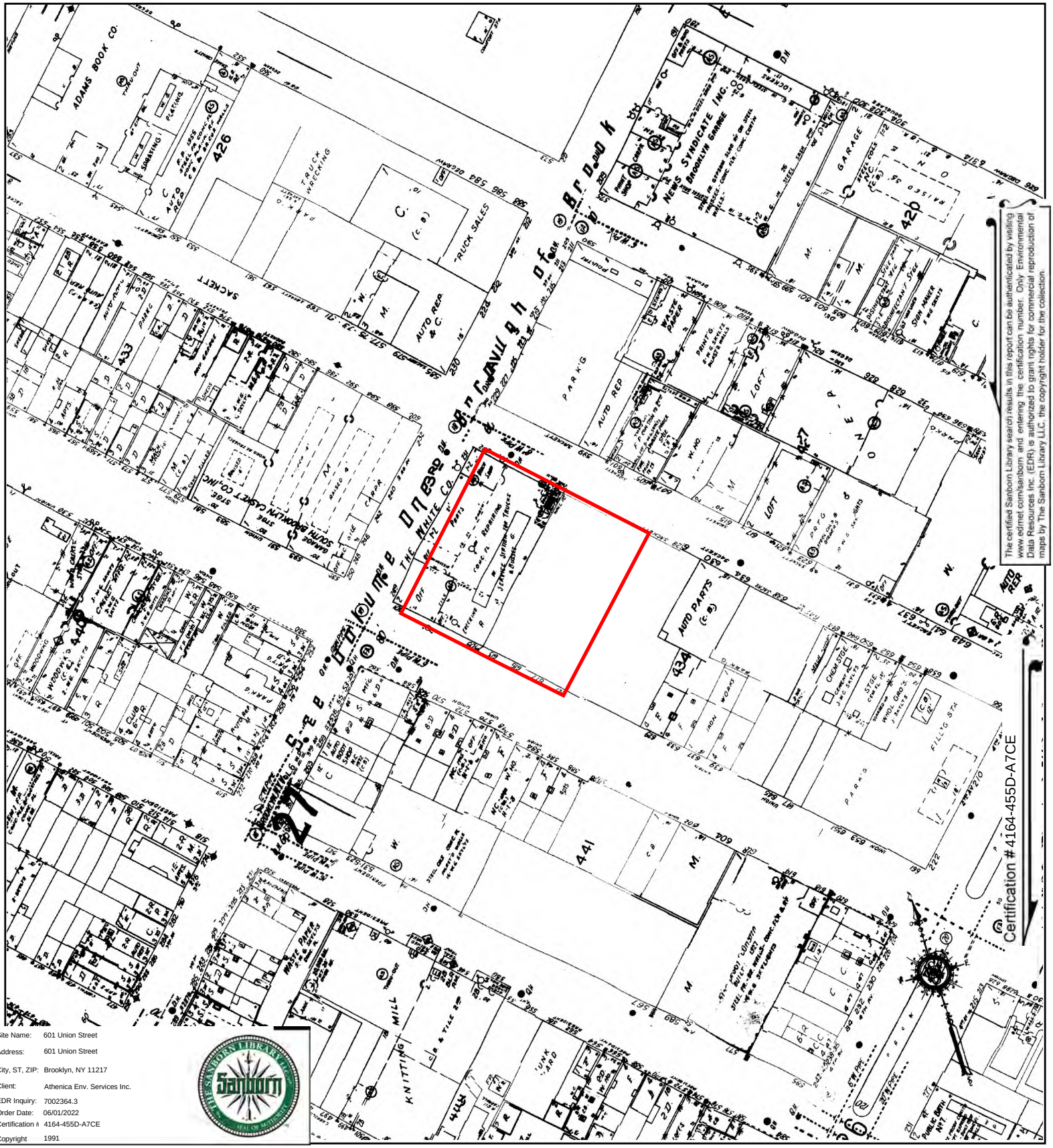

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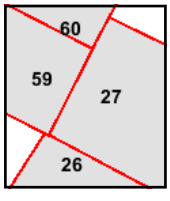

Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 6, Sheet 27
Volume 6, Sheet 26

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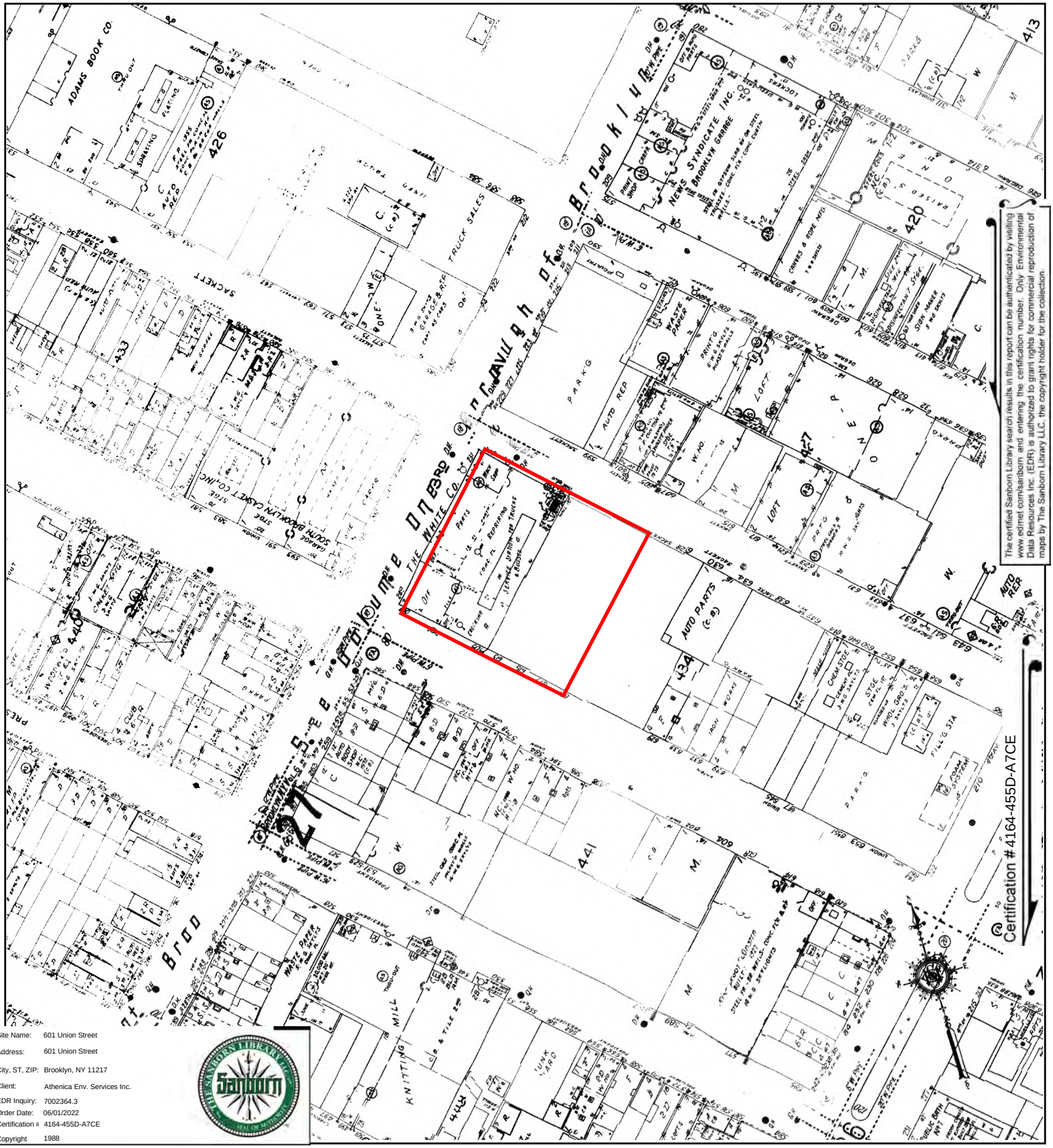

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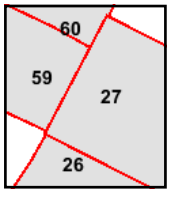

Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 60
Volume 1, Sheet 59

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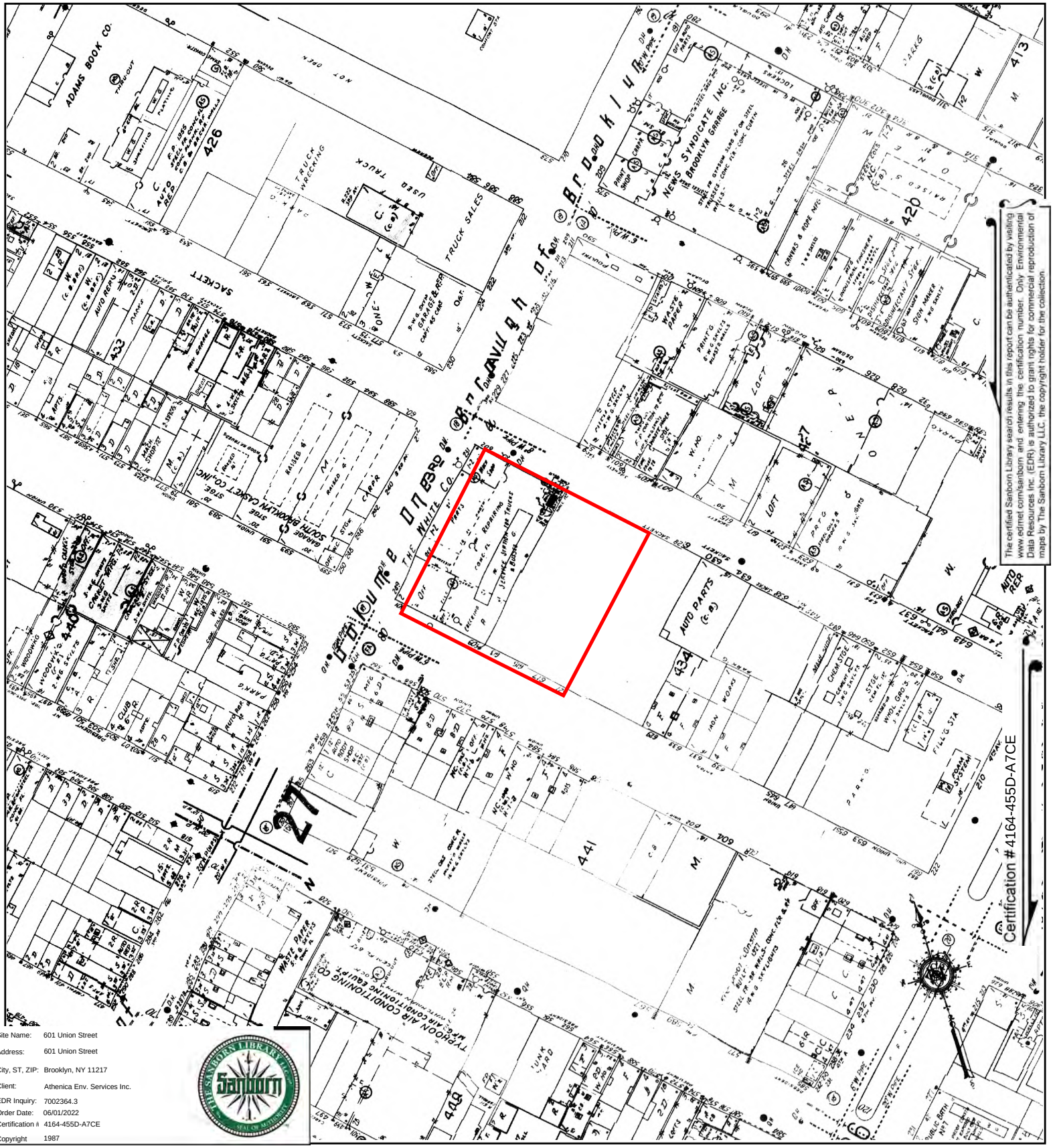

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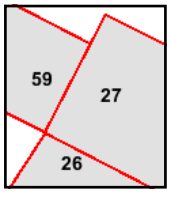

Volume 1, Sheet 59
Volume 6, Sheet 27
Volume 6, Sheet 26

0 Feet 150 300 600

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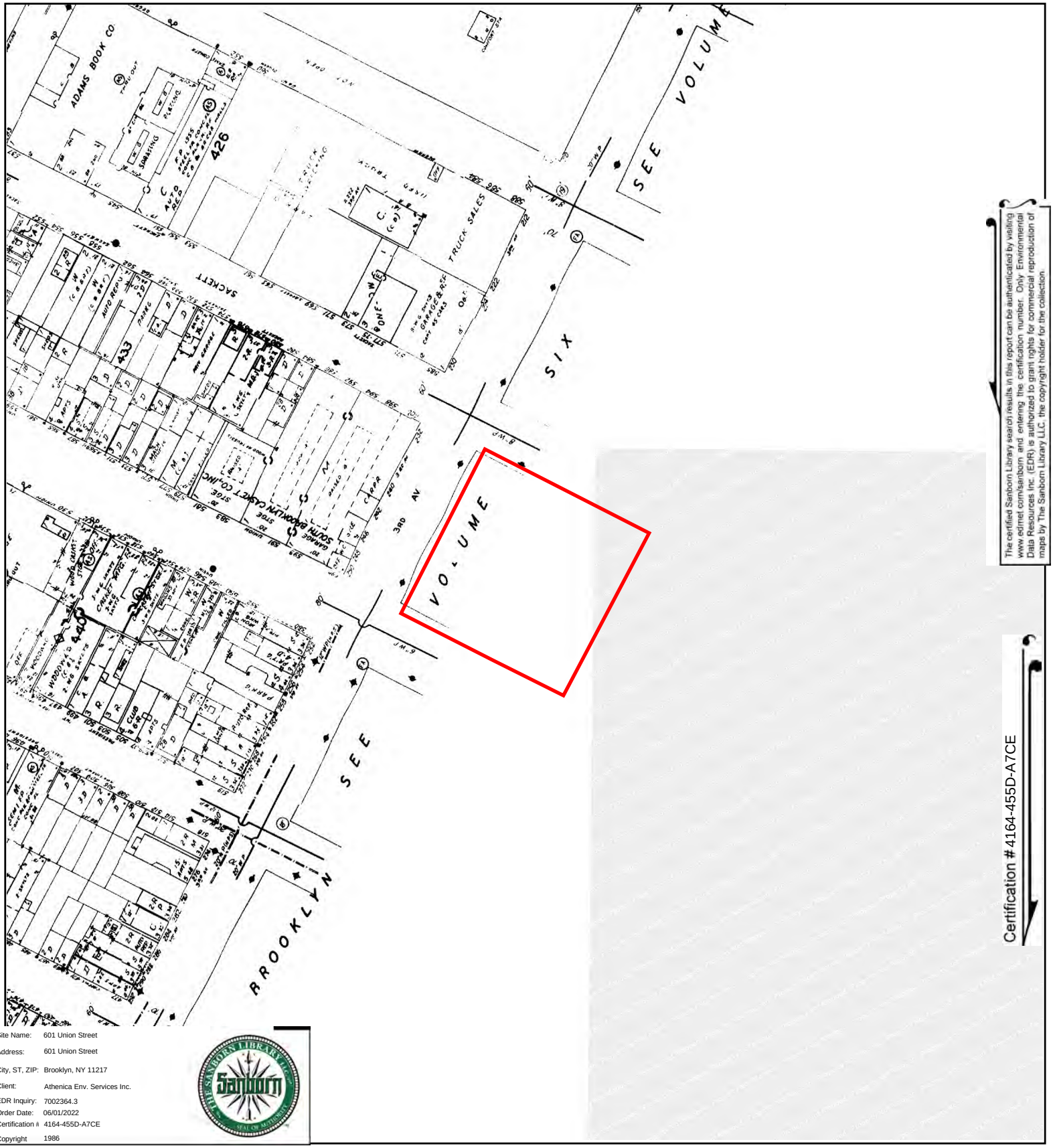

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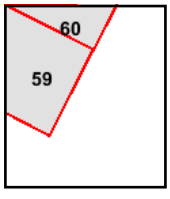

Volume 1, Sheet 60
Volume 1, Sheet 59

0 Feet 150 300 600

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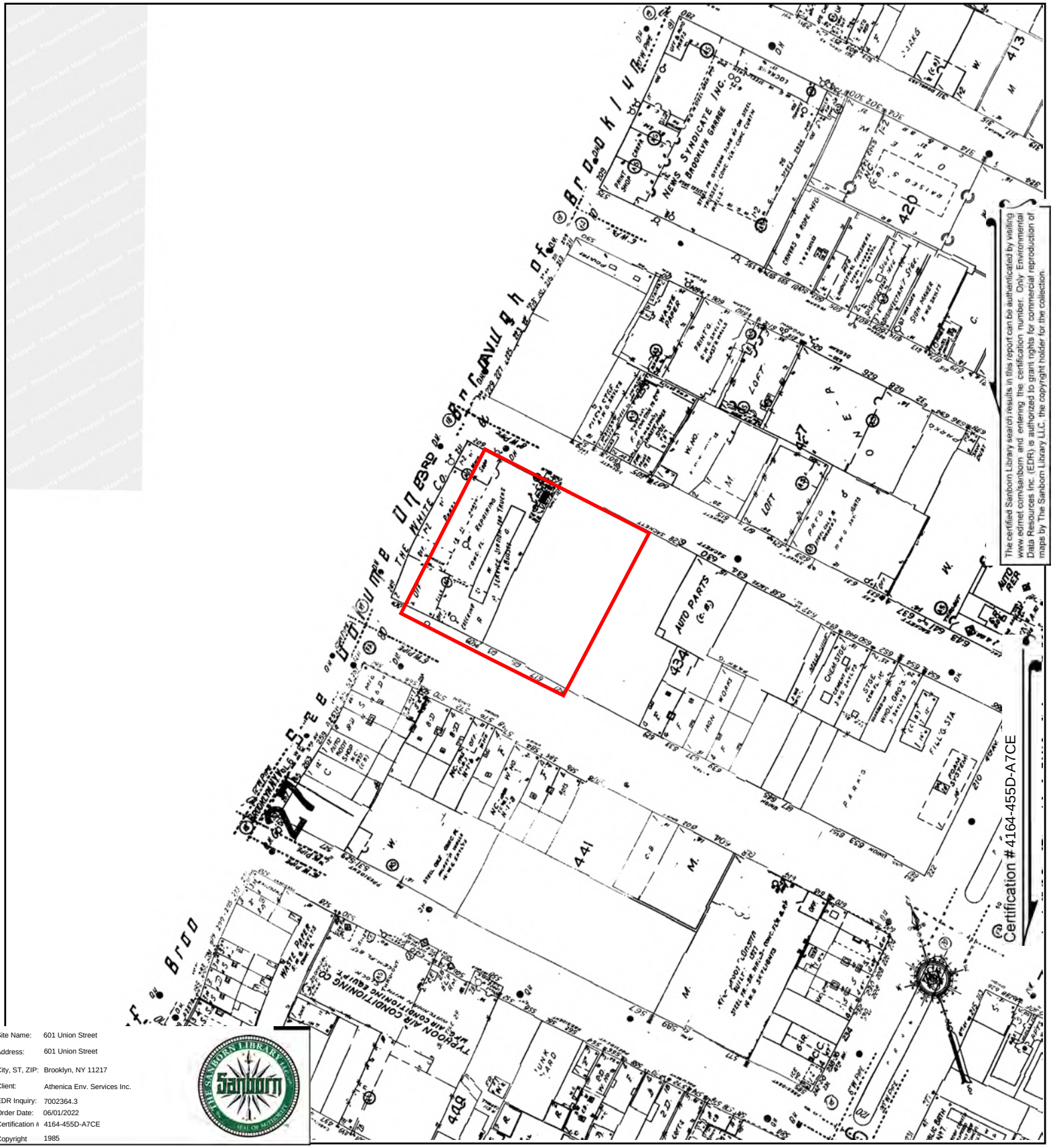

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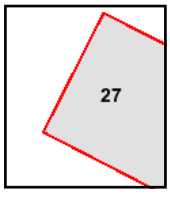

Volume 6, Sheet 27

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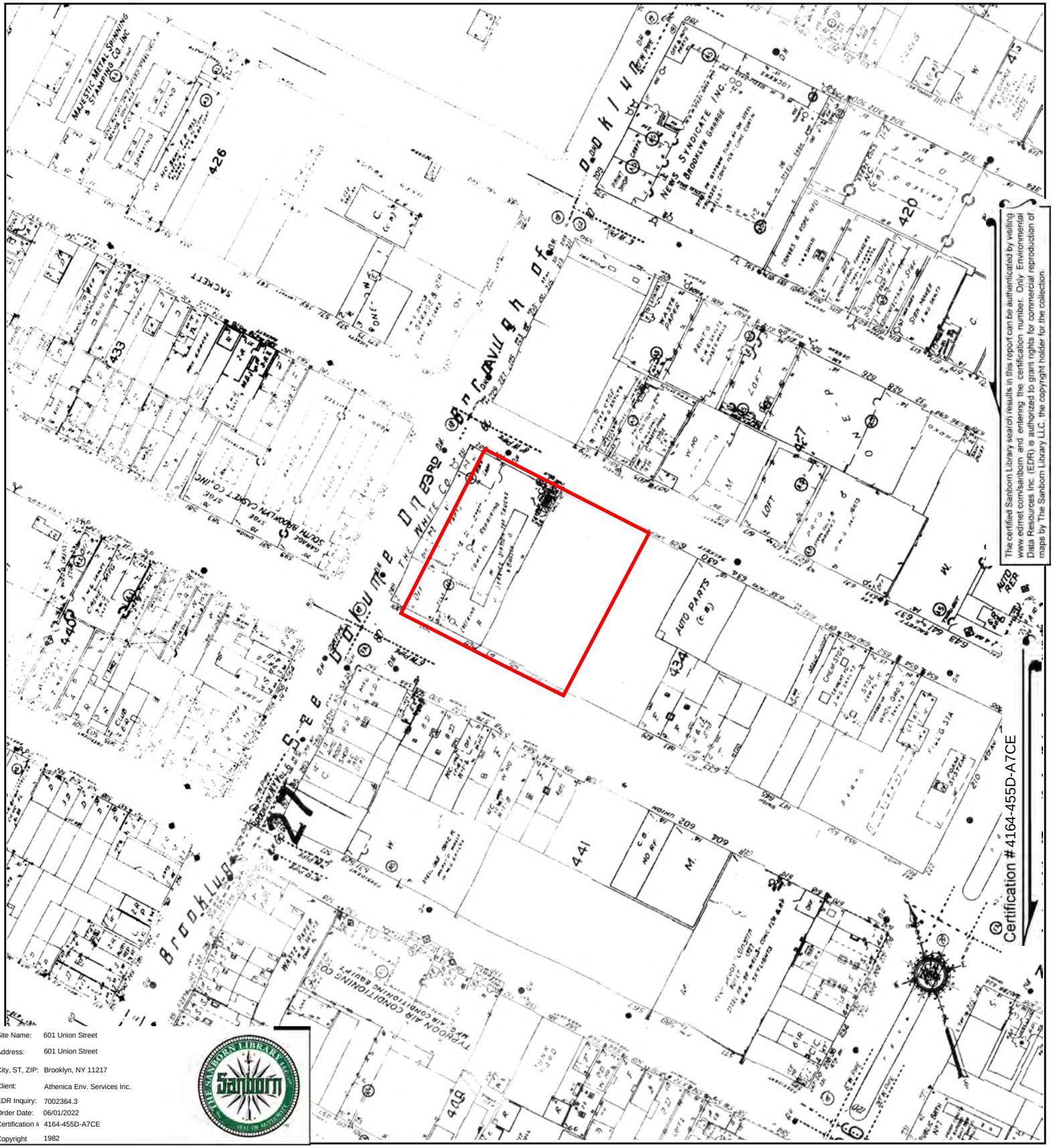

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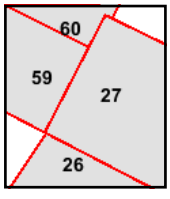

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Volume 6, Sheet 26

0 Feet 150 300 600

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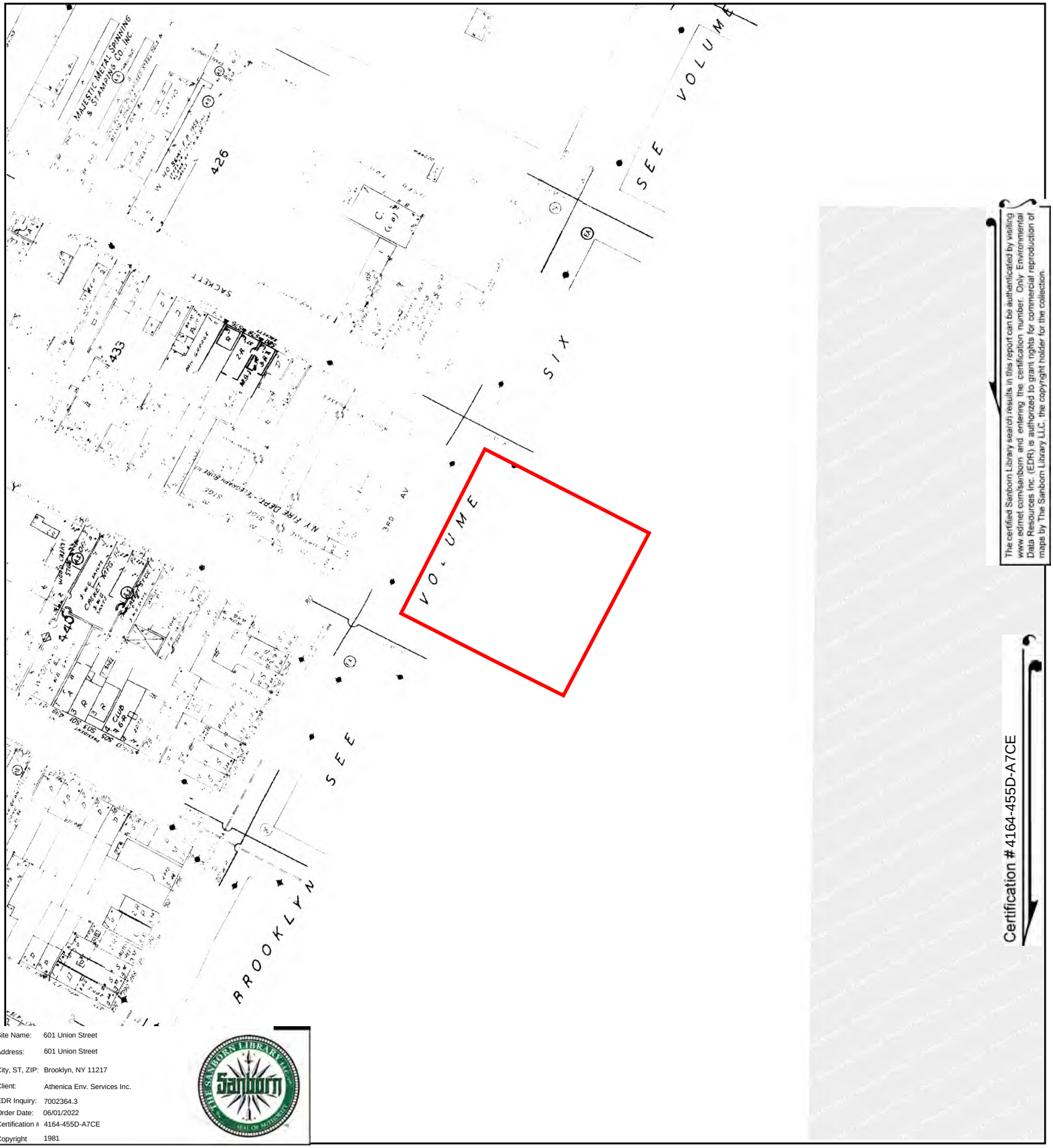

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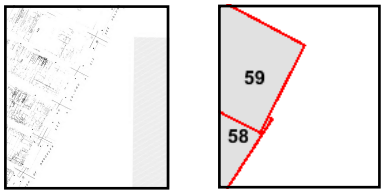

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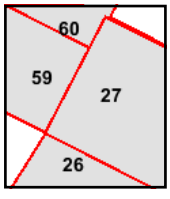

Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 6, Sheet 27
Volume 6, Sheet 27
Volume 6, Sheet 26

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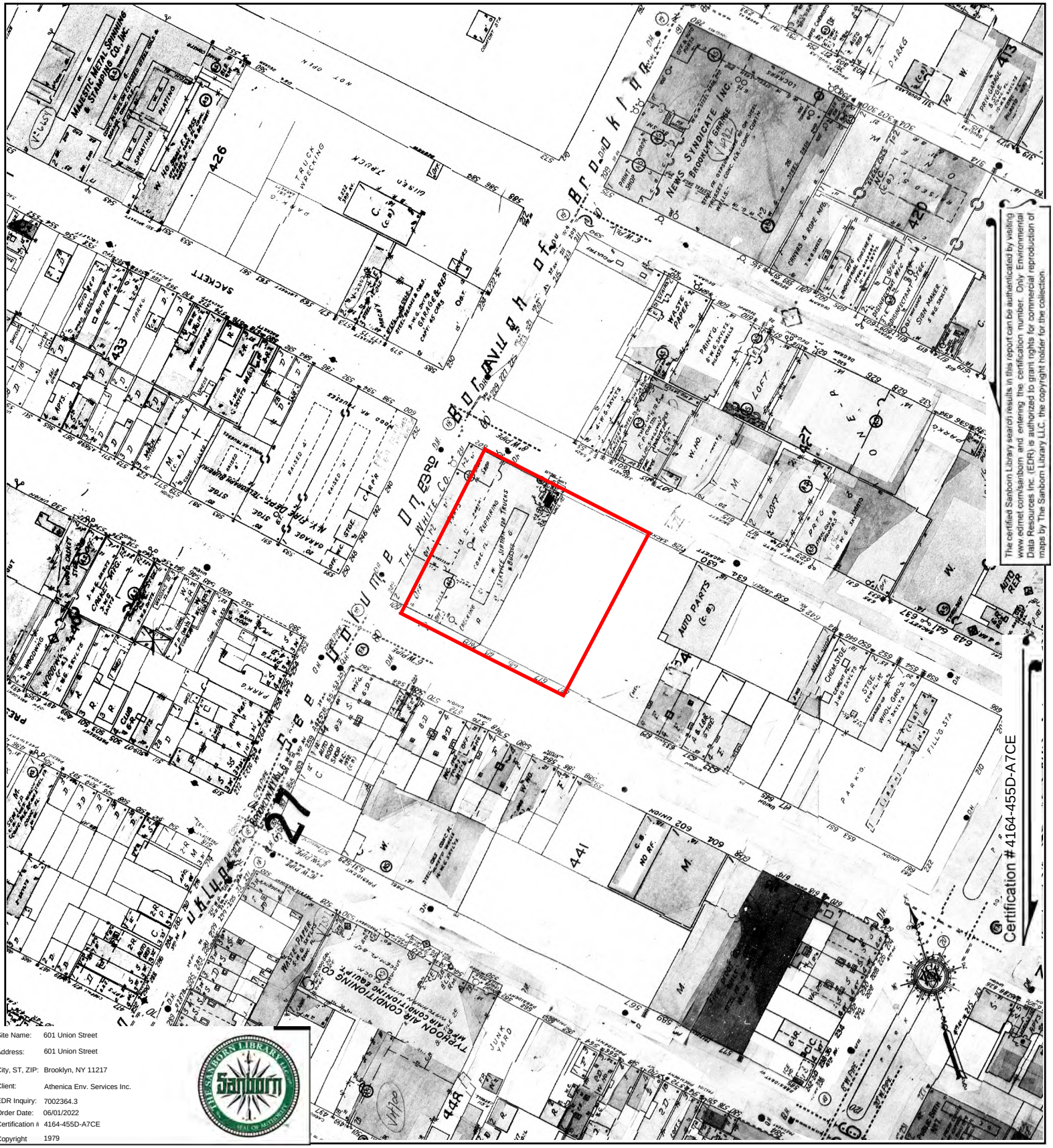

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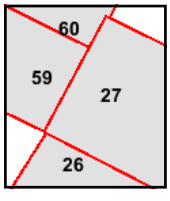

Volume 6, Sheet 27
Volume 6, Sheet 26
Volume 1, Sheet 60
Volume 1, Sheet 59

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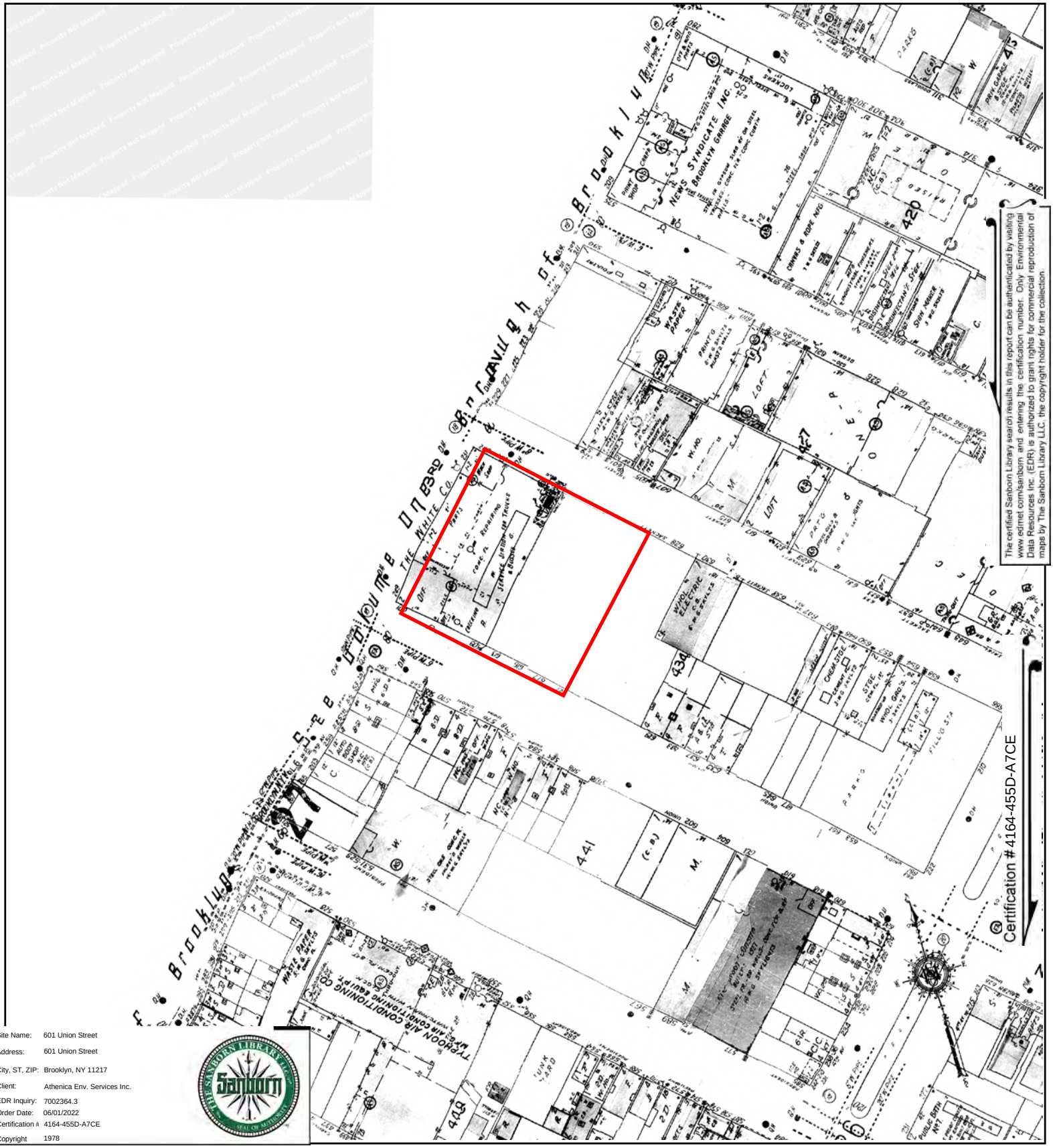

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Copyright	1978

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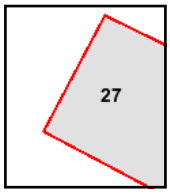

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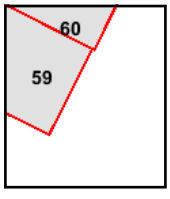

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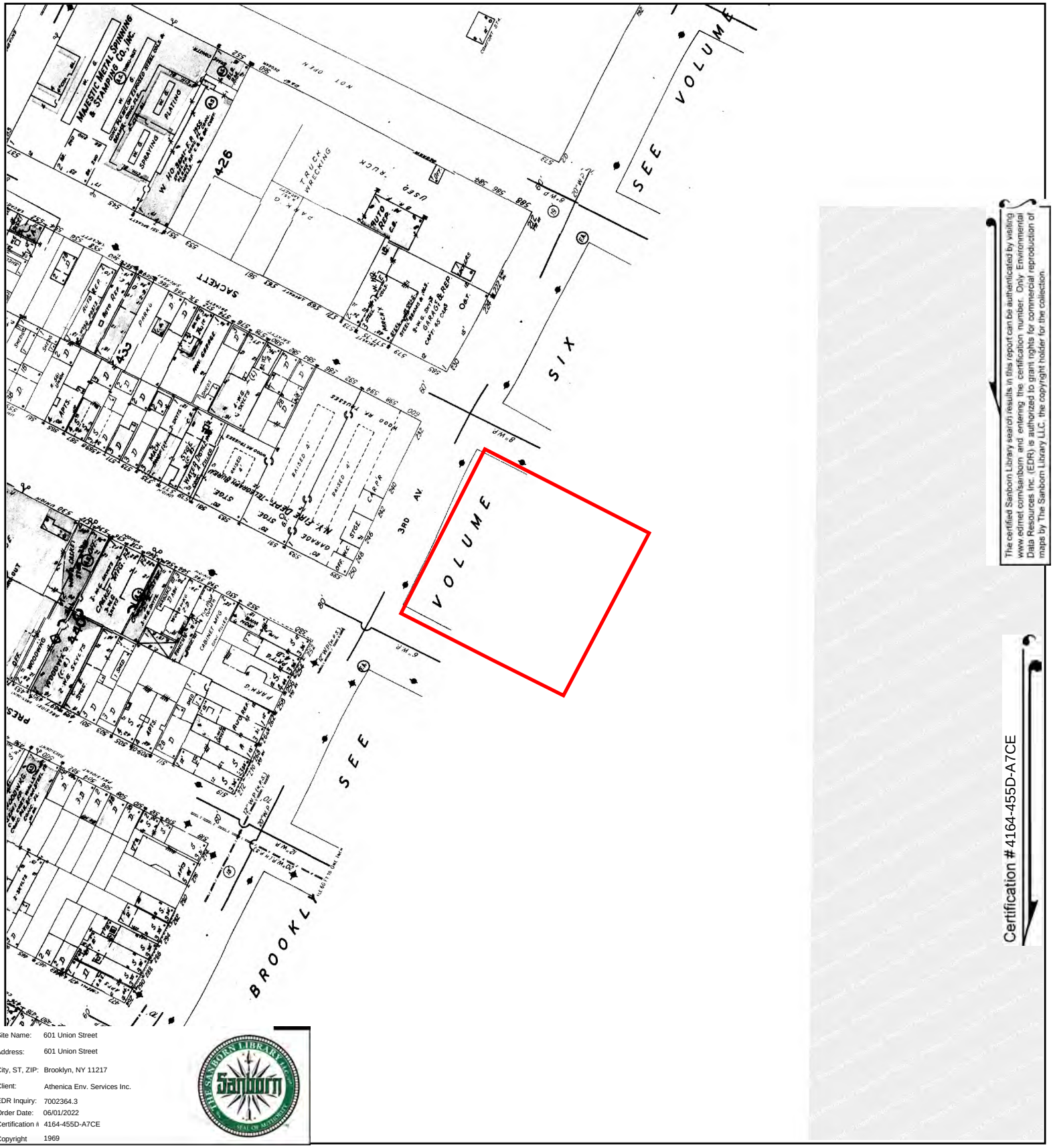

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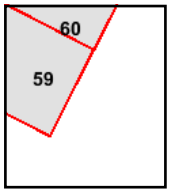

Volume 1, Sheet 60
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0 Feet 150 300 600

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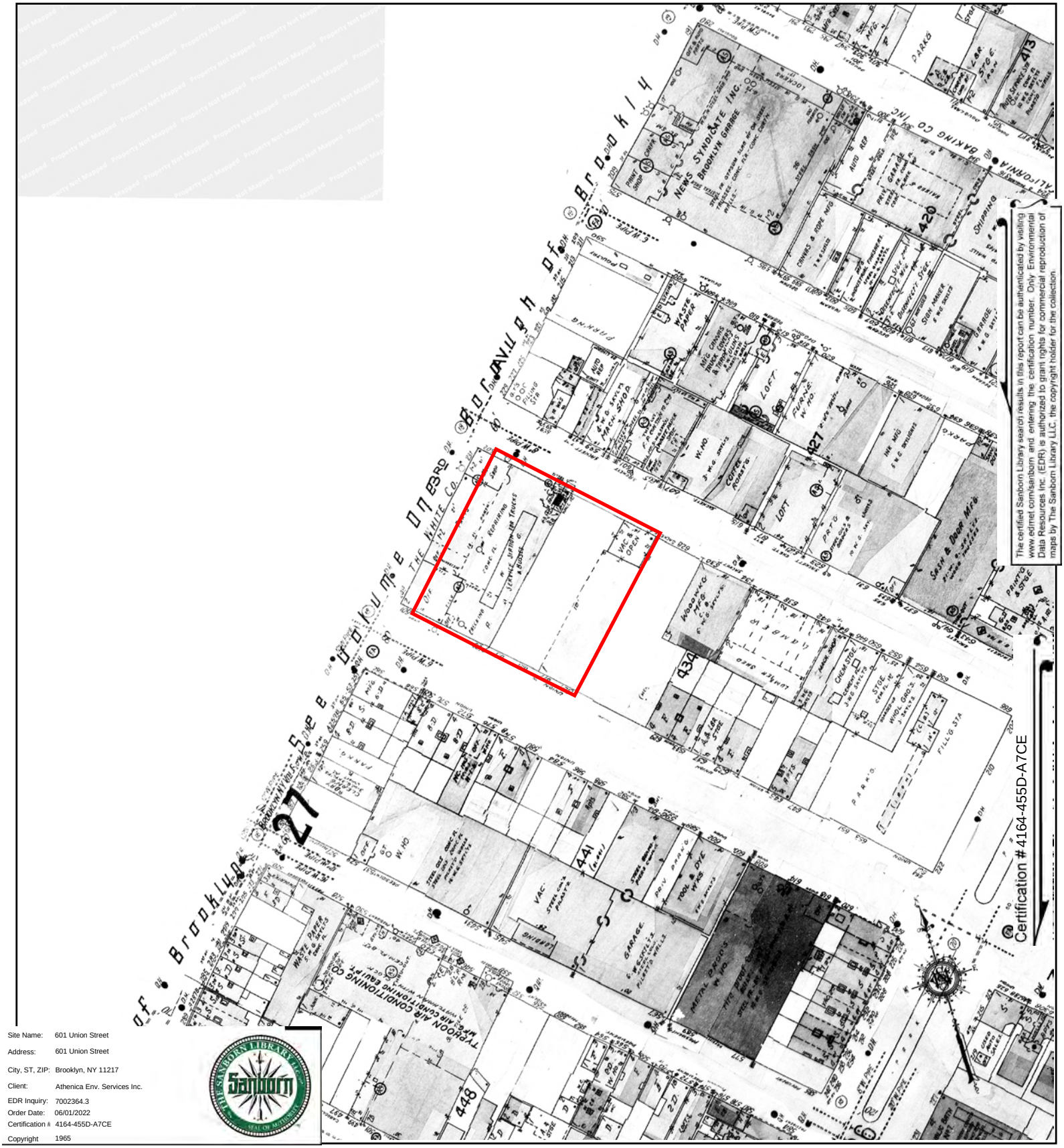

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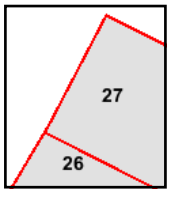

Volume 6, Sheet 27
Volume 6, Sheet 26

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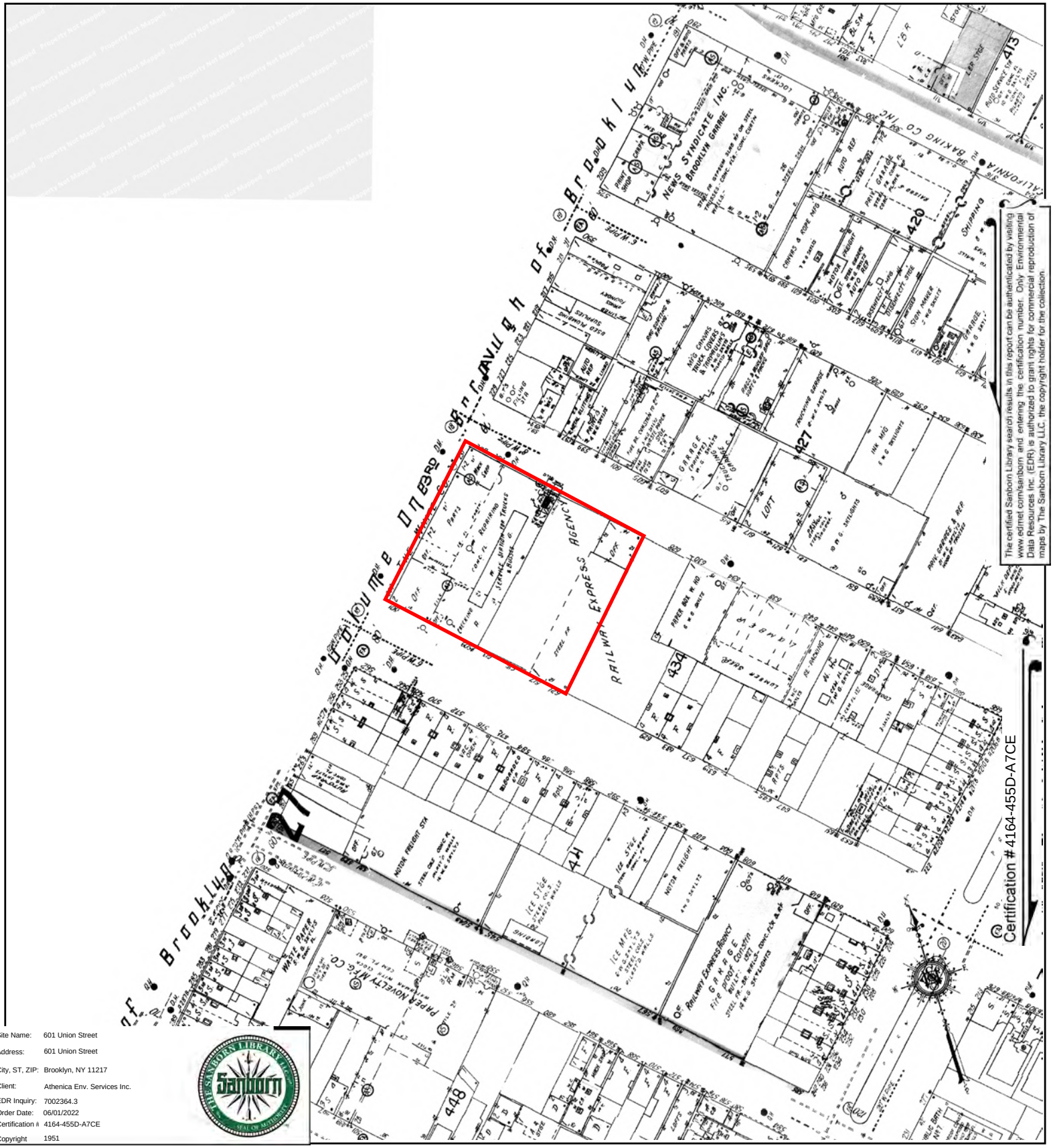

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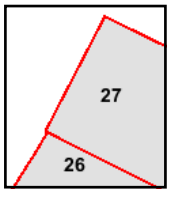

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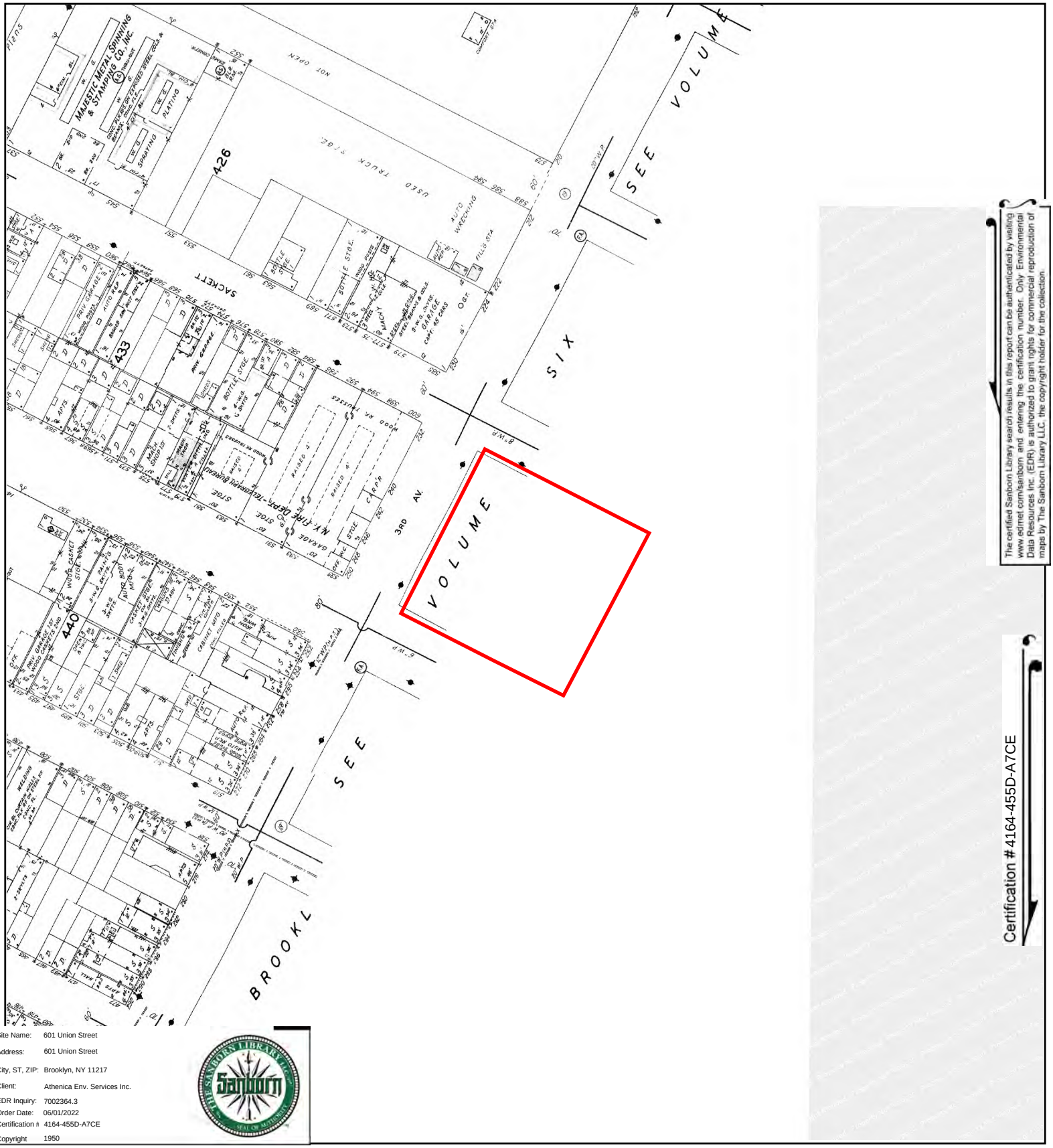

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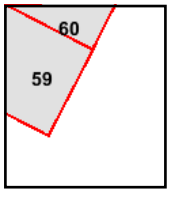

Volume 1, Sheet 60
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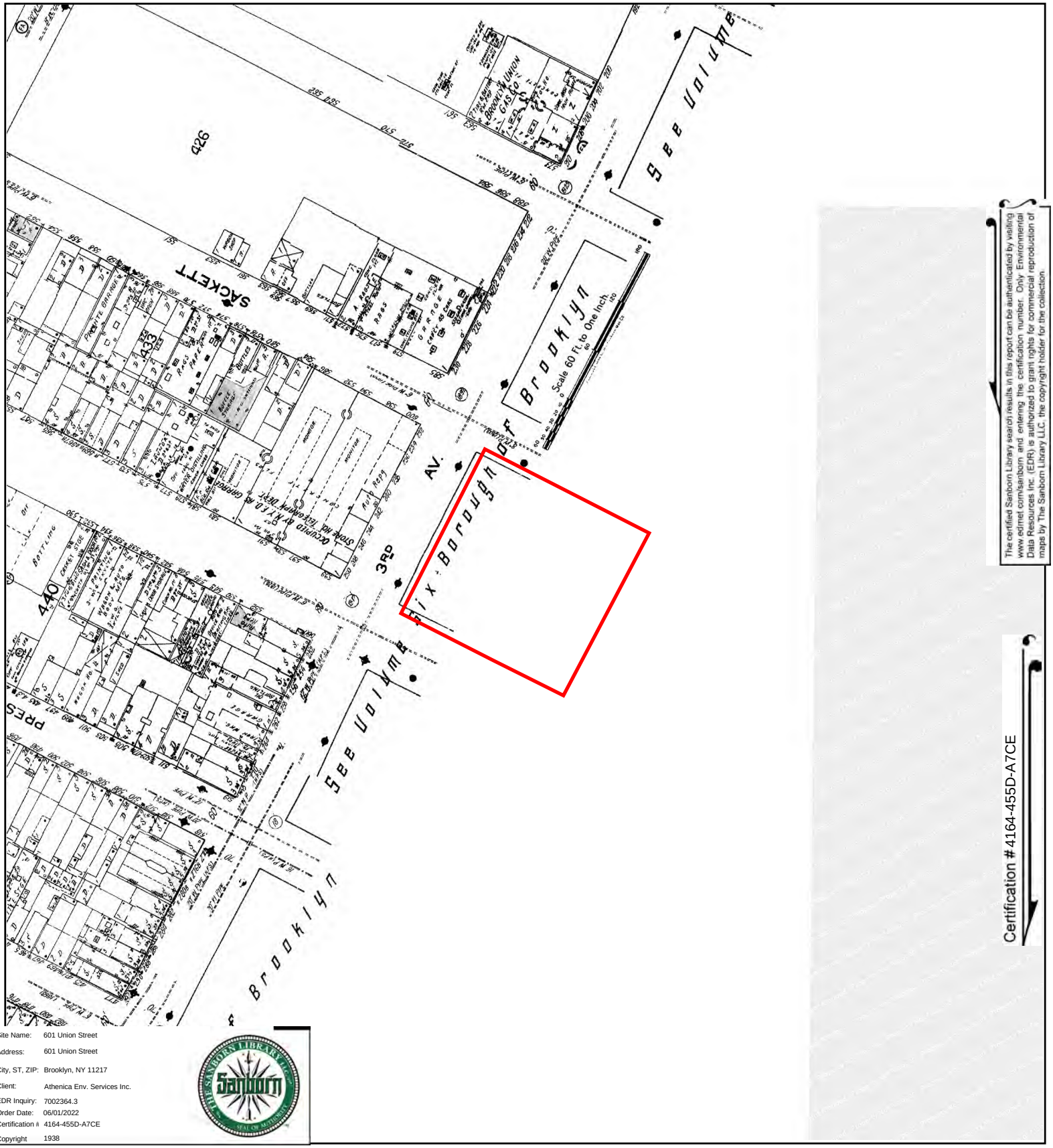

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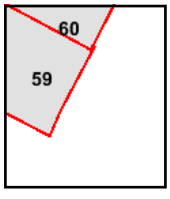

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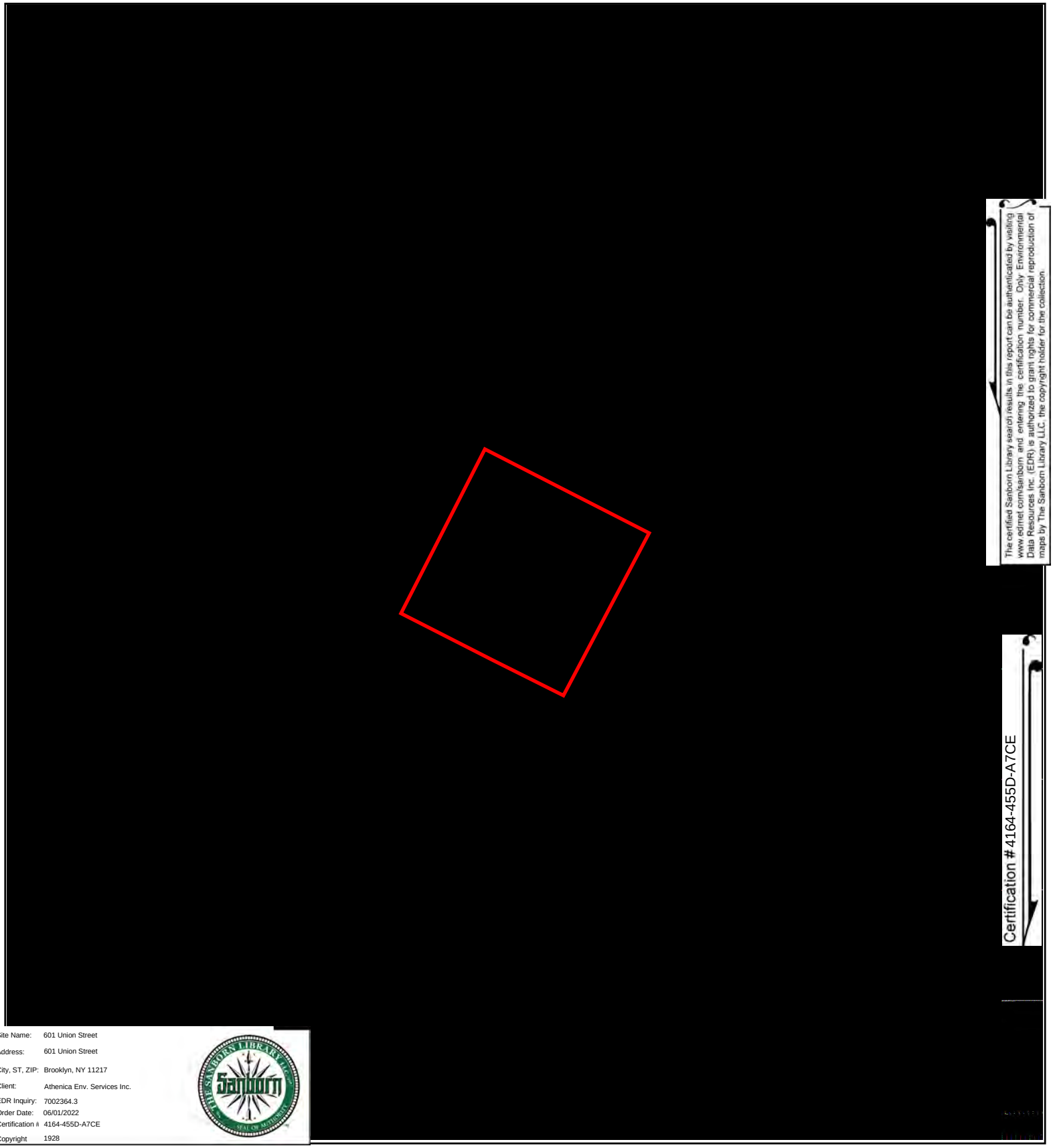

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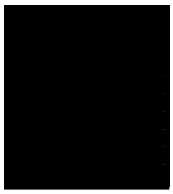

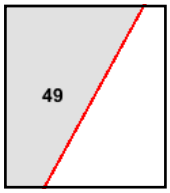

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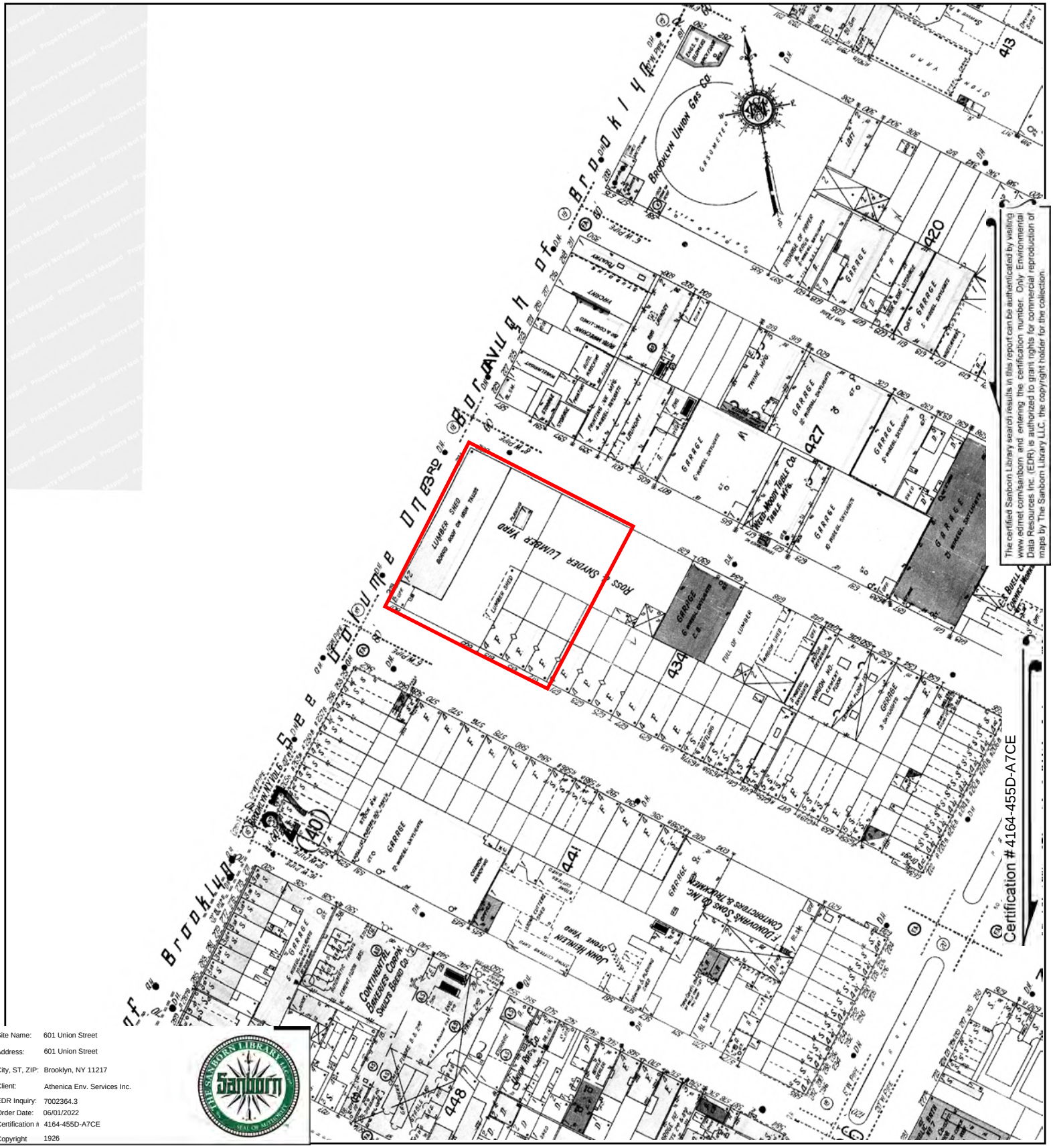

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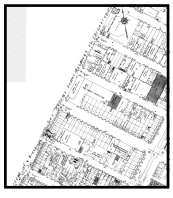

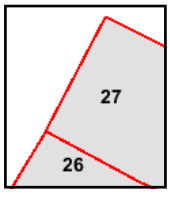

Volume 6, Sheet 27
Volume 6, Sheet 26

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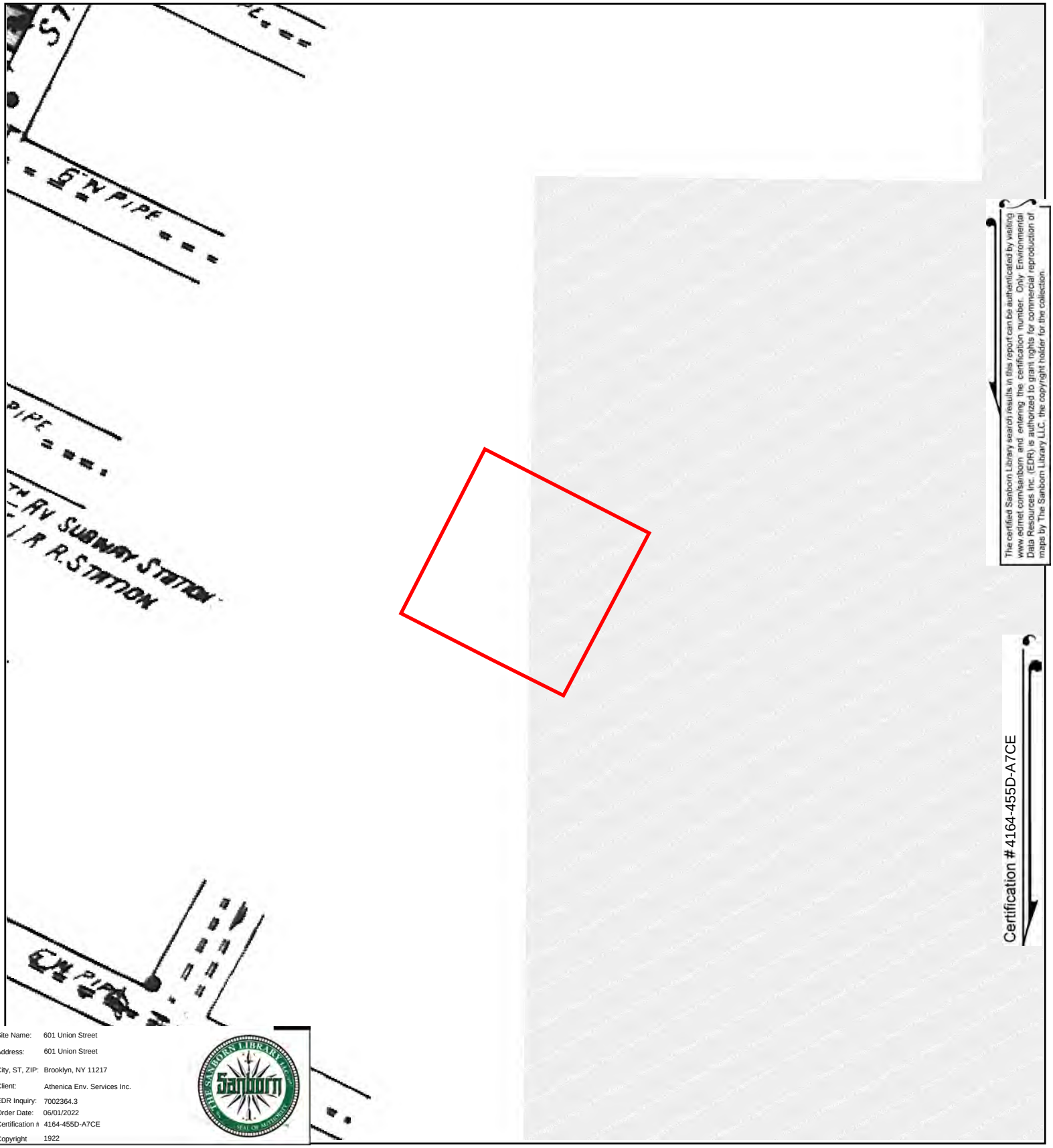

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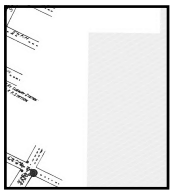

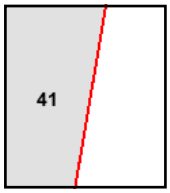

Volume Pier Maps, Sheet 41

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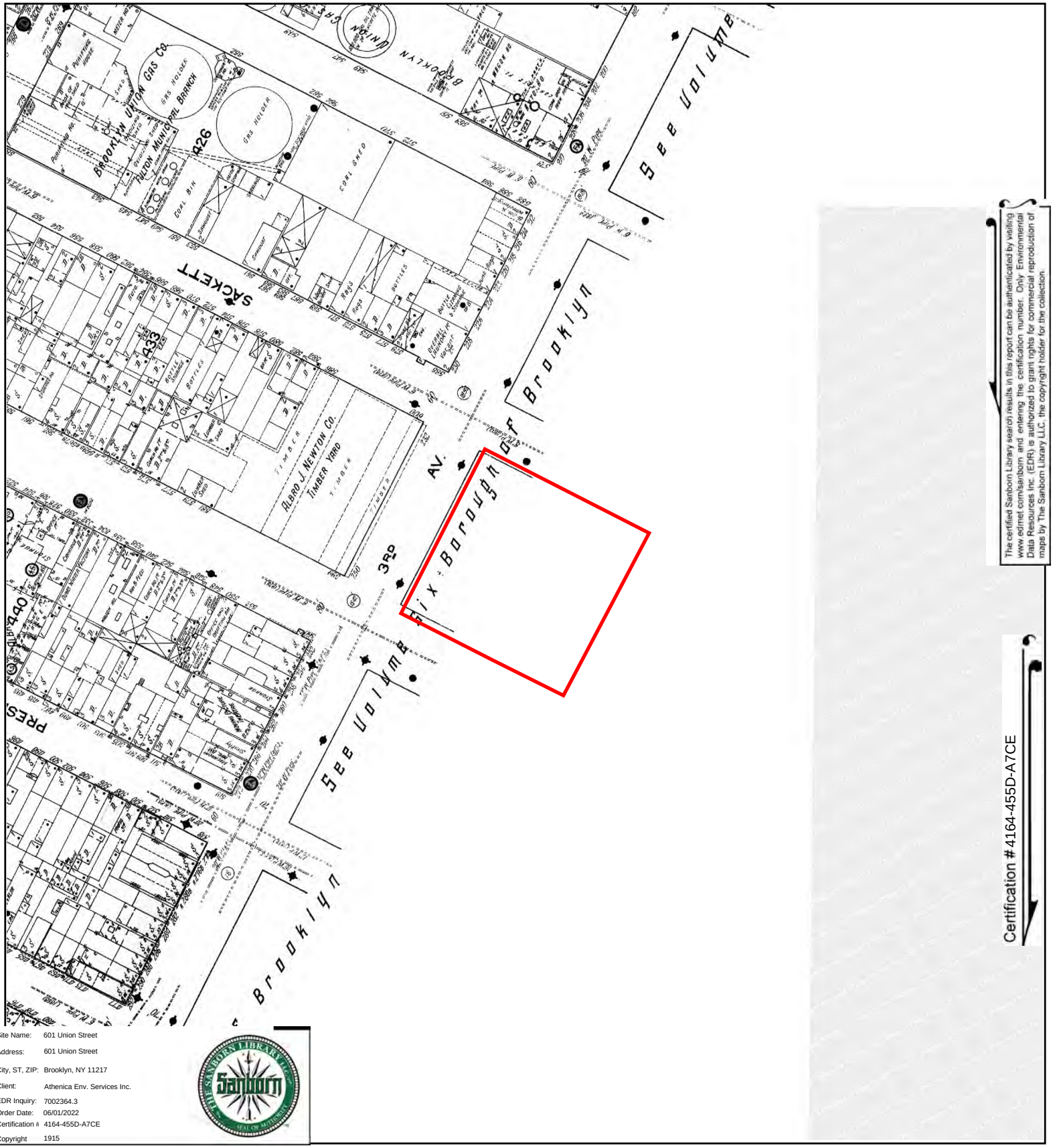

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Certification # 4164-455D-A7CE

Site Name:	601 Union Street
Address:	601 Union Street
City, ST, ZIP:	Brooklyn, NY 11217
Client:	Athenica Env. Services Inc.
EDR Inquiry:	7002364.3
Order Date:	06/01/2022
Certification #	4164-455D-A7CE
Copyright	1915

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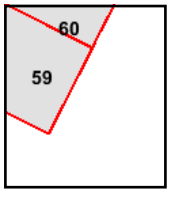
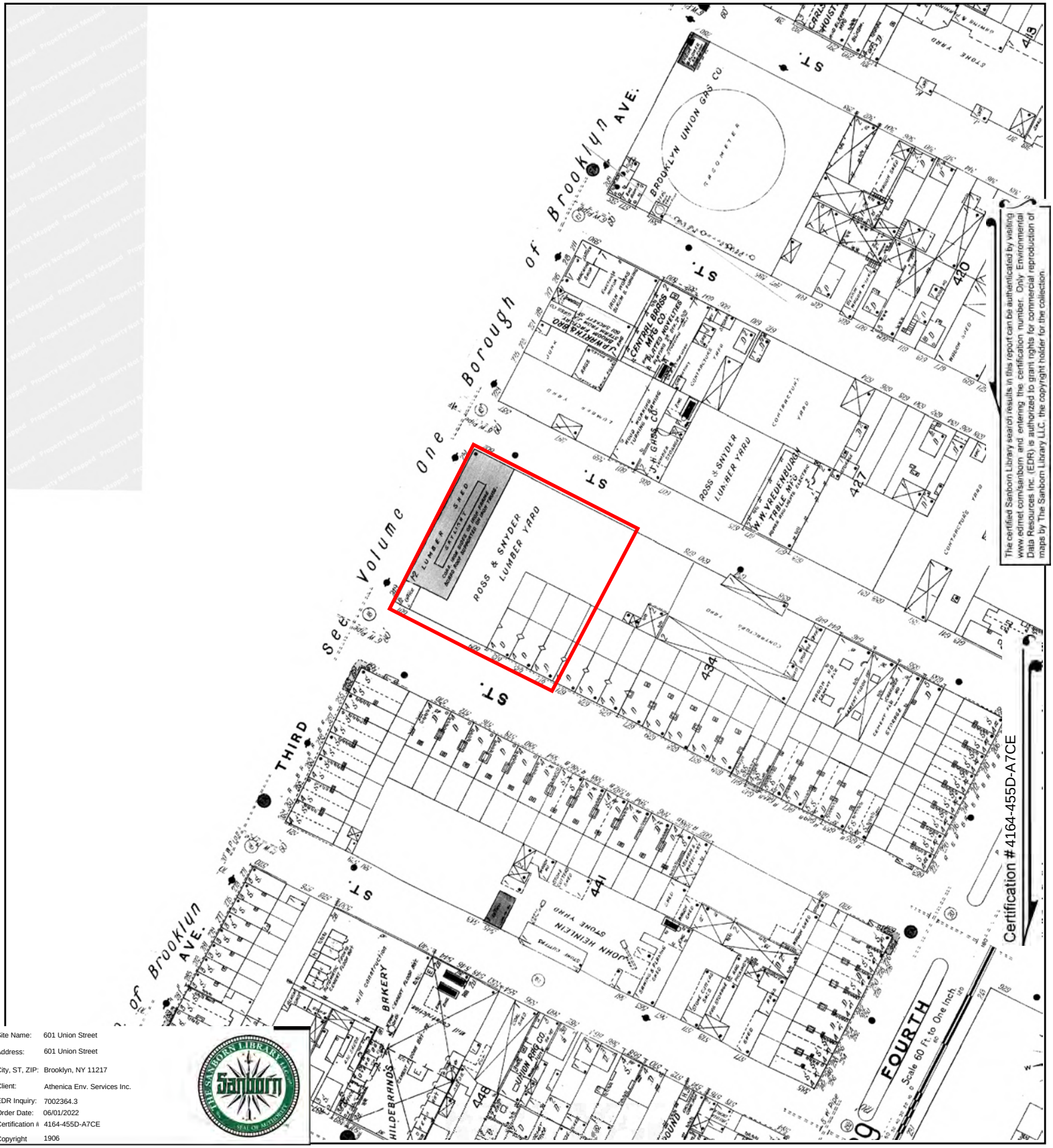


Volume 1, Sheet 60
Volume 1, Sheet 59

0 Feet 150 300 600

N



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Site Name:	601 Union Street
Address:	601 Union Street
City, ST, ZIP:	Brooklyn, NY 11217
Client:	Athenica Env. Services Inc.
EDR Inquiry:	7002364.3
Order Date:	06/01/2022
Certification #:	4164-455D-A7CE
Copyright	1906

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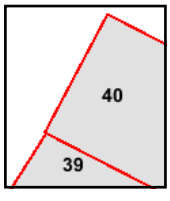
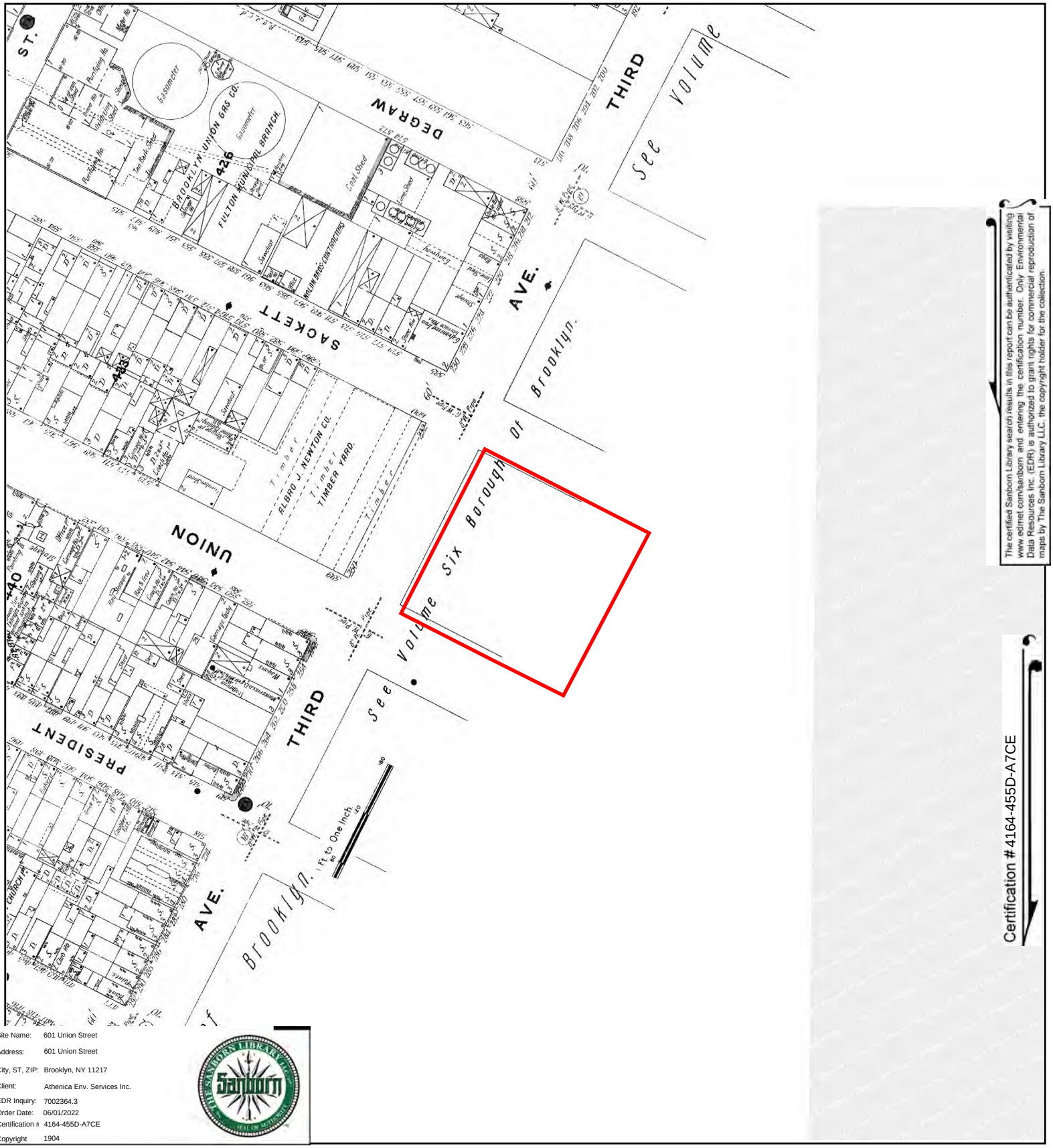


Volume 6, Sheet 40
Volume 6, Sheet 39

N



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Certification # 4164-455D-A7CE

Site Name:	601 Union Street
Address:	601 Union Street
City, ST, ZIP:	Brooklyn, NY 11217
Client:	Athenica Env. Services Inc.
EDR Inquiry:	7002364.3
Order Date:	06/01/2022
Certification #	4164-455D-A7CE
Copyright	1904

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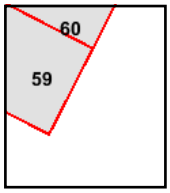

Volume 1, Sheet 60
Volume 1, Sheet 59

0 Feet 150 300 600

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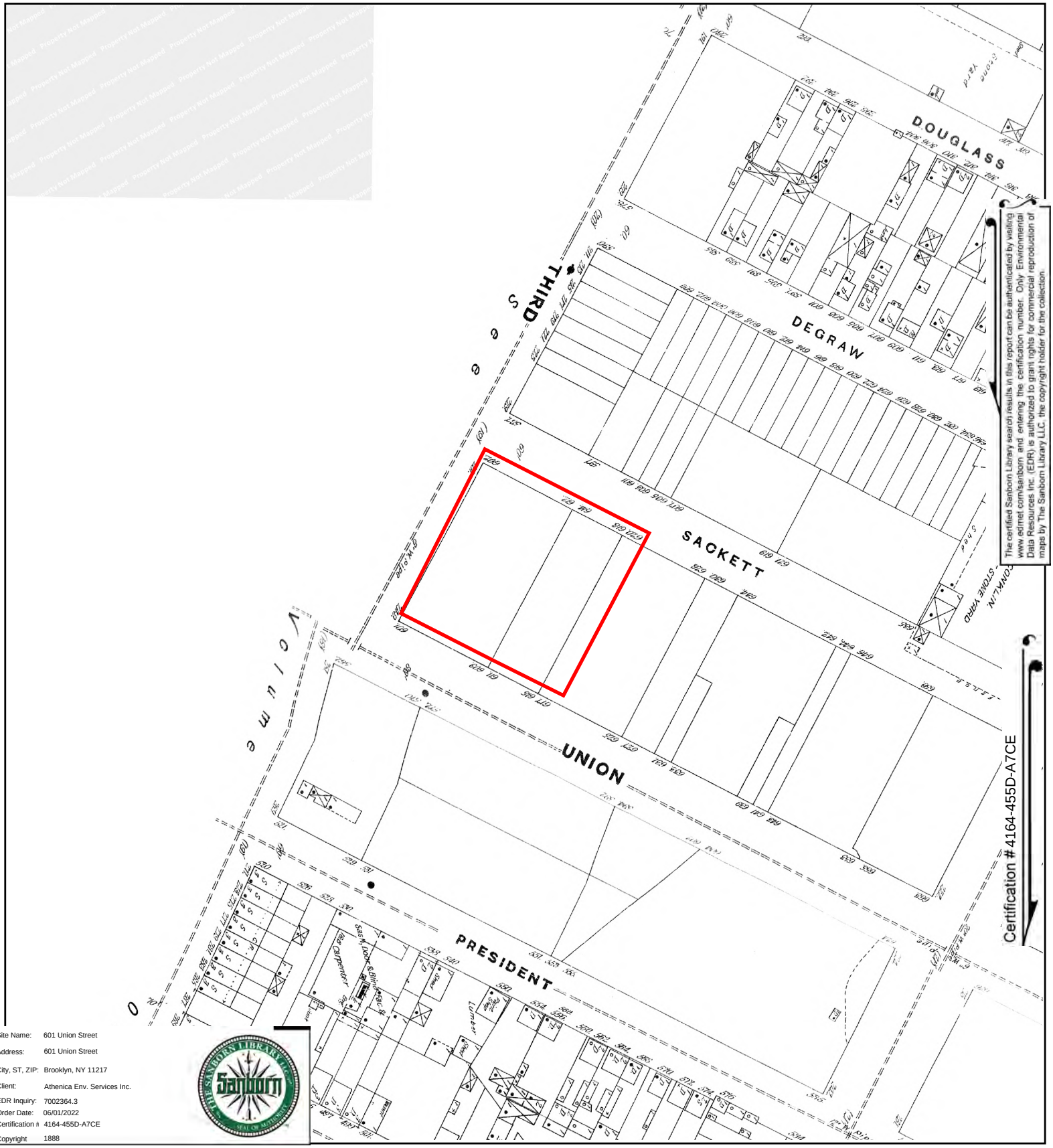

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Site Name:	601 Union Street
Address:	601 Union Street
City, ST, ZIP:	Brooklyn, NY 11217
Client:	Athenica Env. Services Inc.
EDR Inquiry:	7002364.3
Order Date:	06/01/2022
Certification #:	4164-455D-A7CE
Copyright	1888

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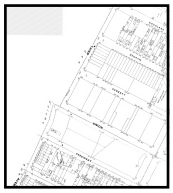
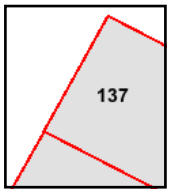
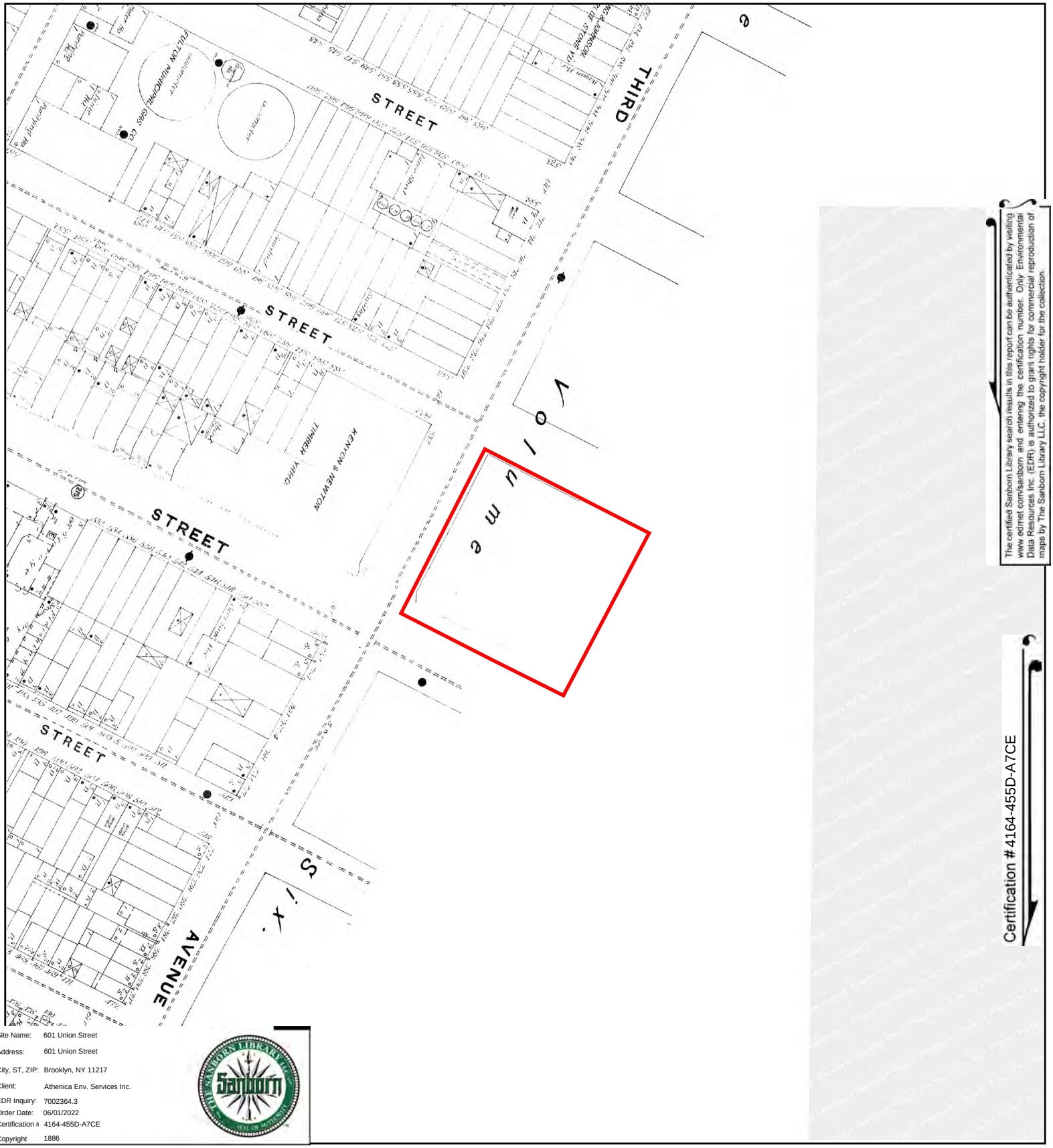




Volume 6, Sheet 137
Volume 6, Sheet 137

N



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Certification # 4164-455D-A7CE

Site Name: 601 Union Street
Address: 601 Union Street
City, ST, ZIP: Brooklyn, NY 11217
Client: Athenica Env. Services Inc.
EDR Inquiry: 7002364.3
Order Date: 06/01/2022
Certification #: 4164-455D-A7CE
Copyright: 1886

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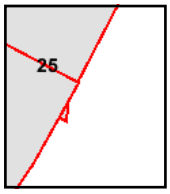

Volume 1, Sheet 25
Volume 1, Sheet 25

0 Feet 150 300 600

N

Appendix E
Historical City Directory

601 Union Street
601 Union Street
Brooklyn, NY 11217

Inquiry Number: 7002364.5
June 02, 2022

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	X	X	X	-
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
	Hill-Donnelly Corporation	X	X	X	-
2004	Cole Information Services	X	X	X	-
2000	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1999	Cole Information Services	X	X	X	-
1997	NYNEX	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1997	NYNEX	X	X	X	-
1994	Cole Information Services	X	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1973	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1970	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone Company	-	X	X	-
1945	New York Telephone	-	X	X	-
1940	New York Telephone	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
231 3rd Avenue	Client Entered	X
249 3rd Avenue	Client Entered	X
602 Sackett Street	Client Entered	
614 Sackett Street	Client Entered	
609 Union Street	Client Entered	
613 Union Street	Client Entered	
621 Union Street	Client Entered	
215 3rd Avenue	Client Entered	X
597 Sackett Street	Client Entered	X
601 Sackett Street	Client Entered	X
625 Union Street	Client Entered	
586 Sackett Street	Client Entered	
251 3rd Avenue	Client Entered	X
570 Union Street	Client Entered	X
572 Union Street	Client Entered	X
576 Union Street	Client Entered	X
578 Union Street	Client Entered	X
580 Union Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

601 Union Street
Brooklyn, NY 11217

FINDINGS DETAIL

Target Property research detail.

3RD AVE

231 3RD AVE

Year	Uses	Source
2004	KALINOWSKI MICHAEL	Cole Information Services
	TANVEER ASLAM	Cole Information Services

3rd Avenue

231 3rd Avenue

Year	Uses	Source
1934	SCHAIZ DORA MRS CONFR H1 DO	R. L. Polk & Co.
1928	GREER JOHN RLEST	New York Telephone

249 3rd Avenue

Year	Uses	Source
2000	AYSAR	Cole Information Services
	AYSAR CORP	Cole Information Services
	FACTORY DRCT INC	Cole Information Services
	GROSKOB CO	Cole Information Services
	GROSS KBRCK CO INC	Cole Information Services

E 3RD ST

231 E 3RD ST

Year	Uses	Source
2017	THOMAS HILT	Cole Information Services
2014	CARLOS HERNANDEZ	Cole Information Services
	PATRICIA HILT	Cole Information Services

FINDINGS

Year	Uses	Source
2009	CARLOS HERNANDEZ	Cole Information Services
2004	CARLOS HERNANDEZ	Cole Information Services

S 3RD ST

231 S 3RD ST

Year	Uses	Source
2017	BIOREFERENCE LABORATORIES INC	Cole Information Services
	HITECH DENTAL PC	Cole Information Services
	STEVEN L BARKOFF DPM	Cole Information Services
2014	BARKOFF STEVEN L DPM	Cole Information Services
	BIOREFERENCE LABORATORIES INC	Cole Information Services
	HITECH DENTAL PC	Cole Information Services
2009	OSVERT MAIZONDO	Cole Information Services
2004	OSVERT MAIZONDO	Cole Information Services

Sackett Street

602 Sackett Street

Year	Uses	Source

614 Sackett Street

Year	Uses	Source

UNION AVE

621 UNION AVE

Year	Uses	Source
2017	A & M EXTERMINATING SVCE	Cole Information Services
	JAMES DELIO	Cole Information Services
	JOHN MACCHIROLE	Cole Information Services
	JOSEPH PASQUENZA	Cole Information Services
	MADELINE SALGADO	Cole Information Services
	MEAGAN ALTAMURA	Cole Information Services
2014	A & M EXTERMINATING SVCE	Cole Information Services

FINDINGS

Year	Uses	Source
2014	ANNE PALMA	Cole Information Services
	JAMES DELIO	Cole Information Services
	JOSEPH PASQUENZA	Cole Information Services
	MADELINE SALGADO	Cole Information Services
	PALMA VINCENT	Cole Information Services
2009	JAMES DELIO	Cole Information Services
	JOSEPH PASQUENZA	Cole Information Services
	SERGIO SALGADO	Cole Information Services
2004	ANTHONY BAMONTE	Cole Information Services
	JAMES DELIO	Cole Information Services
	JOSEPH PASQUENZA	Cole Information Services
	SERGIO SALGADO	Cole Information Services
1999	A & M EXTERMINATING SVCE	Cole Information Services
1994	A & M EXTERMINATING SVCE	Cole Information Services
	DELIO, JAS	Cole Information Services
	PASQUENZA, ROSE	Cole Information Services
	SALGADO, MADELINE	Cole Information Services

UNION ST

601 UNION ST

Year	Uses	Source
2017	SJ FUEL CO	Cole Information Services
	SJ FUEL INC	Cole Information Services
2014	BAYRIDGE FUEL OIL COMPANY	Cole Information Services
	S J FUEL COMPANY INCORPORATED	Cole Information Services
	SJ FUEL CO	Cole Information Services
	SJ FUEL INCORPORATED	Cole Information Services
2009	ENERGY DEREGULATIONSCOM LLC	Cole Information Services
	S J ELECTRIC INC	Cole Information Services
	S J FUEL CO INC	Cole Information Services
	SJ ENERGY SERVICES LLC	Cole Information Services
2005	S 3 Fuel Co	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2004	PETER DARCO	Cole Information Services
	SJ ELECTRIC INC	Cole Information Services
	SJ FUEL CO	Cole Information Services
1999	BAYRIDGE FUEL OIL COMPANY	Cole Information Services
	S & J ELECTRICAL INCORPORATED	Cole Information Services
	S J FUEL COMPANY INCORPORATED	Cole Information Services
1997	LDC Contractors	NYNEX
	S & J Electrical Inc	NYNEX
	S J FUEL COMPANY INC	NYNEX
1994	BAYRIDGE FUEL OIL CO	Cole Information Services
	LDC INDUSTRIES	Cole Information Services
	S J FUEL COMPANY INC	Cole Information Services
1973	Brooklyn White Trucks Inc	New York Telephone
1970	Bklyn White Svce Inc	New York Telephone
	Brooklyn White Trucks Inc	New York Telephone

Union Street

609 Union Street

Year	Uses	Source

613 Union Street

Year	Uses	Source

621 Union Street

Year	Uses	Source

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

3 AV 1 st

263 3 AV 1 st

Year	Uses	Source
1973	Circle Klor De Rug Cleanrs	New York Telephone

3 BEDFRD AVE

257 3 BEDFRD AVE

Year	Uses	Source
1992	MITCHELL LESLIE	NYNEX Informantion Resource Co.

3RD AV MHN

248 3RD AV MHN

Year	Uses	Source
1934	JUSTICK FRANK HLPR WM H JACKSON CO R	R. L. Polk & Co.

3RD AV R St

261 3RD AV R St

Year	Uses	Source
1965	Katcher Alexndr M	New York Telephone

3RD AV U

250 3RD AV U

Year	Uses	Source
1945	Bosch Henry delcatesn	New York Telephone

FINDINGS

3RD AV X st

250 3RD AV X st

Year	Uses	Source
1970	Rettinger Marlene	New York Telephone

3RD AVE

235 3RD AVE

Year	Uses	Source
1928	SCHELLDERFER JOS R	New York Telephone

236 3RD AVE

Year	Uses	Source
1928	NISBET ELIZ MRS R	New York Telephone

237 3RD AVE

Year	Uses	Source
1928	ULLRICH CAROLINE MRS R	New York Telephone

239 3RD AVE

Year	Uses	Source
1985	ZOOG TK	NYNEX Information Resources Company

240 3RD AVE

Year	Uses	Source
2004	ORAH ROSENBLATT	Cole Information Services
	ELIN FELDMAN	Cole Information Services
1928	CONNEMAN GEO J R	New York Telephone
	LIMBERG CHAS R	New York Telephone

241 3RD AVE

Year	Uses	Source
2004	JAY GENUTH	Cole Information Services
1985	GUARINO NICHOLAS J	NYNEX Information Resources Company
1934	SACCHI EDW CLK H	R. L. Polk & Co.

FINDINGS

242 3RD AVE

Year	Uses	Source
2004	JOSEPH TENENBAUM	Cole Information Services
1980	NUGENT JAY C FUNERAL HOME INC	New York Telephone
1940	Widmer How ard G Mrs	New York Telephone

244 3RD AVE

Year	Uses	Source
1965	Dalen Distribtrs Inc heatg contrctrs	New York Telephone
1960	Dalen Distribtrs Inc heatg contrctrs	New York Telephone Company

245 3RD AVE

Year	Uses	Source
1970	Eder Dorothy	New York Telephone

247 3RD AVE

Year	Uses	Source
2004	HAIDE HIDALGO	Cole Information Services

250 3RD AVE

Year	Uses	Source
2004	JOSE GARCIA	Cole Information Services
1934	DESANTI NELLIE R	R. L. Polk & Co.
1928	RIESCHE HERM R	New York Telephone

251 3RD AVE

Year	Uses	Source
1980	UNUSUAL BOKKS INC MANH	New York Telephone
	WORLD WIDE BOOK SVCE MANH	New York Telephone
1976	UNUSUAL BOOKS INC	New York Telephone
	WORLD WIDE BOOK SVCE	New York Telephone
1973	Udell Store Fixture Corp	New York Telephone
1970	Shalm & Udell Store Fixt Corp	New York Telephone
1960	PAPPAS THOS GROCRS	New York Telephone
	Pappas Thos grocrs	New York Telephone Company
1949	Pappas Thos grocrs	New York Telephone Company

FINDINGS

Year	Uses	Source
1945	Pappas V olive oil	New York Telephone
1940	Pappas V olive oil	New York Telephone
1934	SLANLSTAO QUESNDA BAKER H	R. L. Polk & Co.
1928	CONSTANT C OLIVE OIL	New York Telephone

252 3RD AVE

Year	Uses	Source
2017	OFELIA ANZALDUA	Cole Information Services
	TEDRA MEYER	Cole Information Services
	ERIC HERTENSTEIN	Cole Information Services
	ADDIE MALE	Cole Information Services
2014	TEDRA MEYER	Cole Information Services
	OFELIA ANZALDUA	Cole Information Services
	JUICE HAVEN LIMITED LIABILITY COMPAN	Cole Information Services
	CHRISTOPHER WOO	Cole Information Services
2009	RONALD MOORE	Cole Information Services
2005	Bed Rock Tools & Equip	Hill-Donnelly Corporation
	Bedrock Tool LLC	Hill-Donnelly Corporation
	h Woo 3udlaann	Hill-Donnelly Corporation
2004	PAT FISCHETTI	Cole Information Services
	KELLY SPARWASSER	Cole Information Services
	JUDIAANN WOO	Cole Information Services
2000	4 PAUL CARRELLAS	Cole Information Services
	L DE JESUS	Cole Information Services
	M WAMER	Cole Information Services
	R SCHMIDT AUCTNR	Cole Information Services
	SUNFLOWER SALOON	Cole Information Services
1999	R SCHMIDT AUCTIONEER	Cole Information Services
	SUNFLOWER SALOON	Cole Information Services
1997	R Schmidt Auctioneer	NYNEX
	CARRELLAS Paul	NYNEX
	FISCHETTI Pat	NYNEX
	FISCHETTI Patt	NYNEX

FINDINGS

Year	Uses	Source
1994	CARRELLAS, PAUL	Cole Information Services
	WARNER, M	Cole Information Services
	FISCHETTI, PAT	Cole Information Services
1992	CARRELLAS PAUL	NYNEX Informantion Resource Co.
	FISCHETTI PAT	NYNEX Informantion Resource Co.
	WARNER M	NYNEX Informantion Resource Co.
1985	FISCHETTI ANNA	NYNEX Information Resources Company
	ROBERTS M	NYNEX Information Resources Company
1976	FISCHETTI ANNA	New York Telephone
	SCONZO M BAR & GRILL	New York Telephone
	SESSA MICHAEL	New York Telephone
1973	Fischetti Anna	New York Telephone
	Sconzo M Bar & Grill	New York Telephone
	Sessa Michael	New York Telephone
1970	Fischetti Anna	New York Telephone
	Neetco Safety Prods Inc	New York Telephone
	Sconzo M Bar & Grill	New York Telephone
	Sessa Michael	New York Telephone
1965	Fischetti Anna	New York Telephone
	Gambale Fred	New York Telephone
	Sconzo M bar grill	New York Telephone
	Sessa Michael	New York Telephone
1960	PAPPAS JOHN	New York Telephone
	SCONZO M BAR GRILL	New York Telephone
	SESSA ANNA	New York Telephone
	SESSA MICHAEL	New York Telephone
	Pappas John	New York Telephone Company
	Sconzo M bar grill	New York Telephone Company
	Sessa Anna	New York Telephone Company
	Sessa Michael	New York Telephone Company
1949	Sconzo M bar grill	New York Telephone Company
1945	Sconzo M bar grill	New York Telephone

FINDINGS

Year	Uses	Source
1934	CANTERENO DOMINICK H	R. L. Polk & Co.
	CANTERINO DOMINIC MEATS	R. L. Polk & Co.
	CARETO SALVATORE H	R. L. Polk & Co.
	M K COFFE SHOP REST	R. L. Polk & Co.
	MADDALONI EUGENIO LAB H	R. L. Polk & Co.
	PAPPAS THOS CLK H	R. L. Polk & Co.
	PASTERNACK TESSIE	R. L. Polk & Co.
1928	MARTUCCI FILIPPO MD R	New York Telephone

253 3RD AVE

Year	Uses	Source
2014	KNOT & BOW	Cole Information Services
2005	Northeastern Electric Inc	Hill-Donnelly Corporation
2004	GACHE SOARES	Cole Information Services
1997	General Mechanical Works Inc	NYNEX
	Hercules Contr & Development Inc	NYNEX
1960	Skolnick Isidore statnry	New York Telephone Company
	SKOLNICK ISIDORE STATNRY	New York Telephone
1949	Skolnick Isidore statnry	New York Telephone Company
1945	Tannenbaum Oscar statnry	New York Telephone
1940	Tannenhaum Oscar statnry	New York Telephone
1934	KARPMAN BROS STN	R. L. Polk & Co.
	KARPMAN IRVING R	R. L. Polk & Co.
1928	BERNSTEIN J CIGARS	New York Telephone

254 3RD AVE

Year	Uses	Source
2017	ANNE ALVERGUE	Cole Information Services
	SEVENEIGHTEEN CYCLERY INC	Cole Information Services
	GLORIA THAKURIA	Cole Information Services
2014	EMMA GILIOTTI	Cole Information Services
	GLORIA THAKURIA	Cole Information Services
	SEVENEIGHTEEN CYCLERY INC	Cole Information Services
	ANNE ALVERGUE	Cole Information Services

FINDINGS

Year	Uses	Source
2009	ANNE ALVERGUE	Cole Information Services
2005	h Alvergue Anne	Hill-Donnelly Corporation
2004	K OKOCHI	Cole Information Services
	GRABIER CORP	Cole Information Services
	TRACY LOCKE	Cole Information Services
2000	BROOKLYN BRDL CTR	Cole Information Services
1999	BROOKLYN BRIDAL CENTER	Cole Information Services
1997	Brooklyn Bridal Center	NYNEX
1994	BROOKLYN BRIDAL CENTER	Cole Information Services
1992	BROOKLYN BRIDAL CENTER	NYNEX Informantion Resource Co.
1985	BROOKLYN BRIDAL CENTER	NYNEX Information Resources Company
	GILIOF JOHN B B	NYNEX Information Resources Company
1976	BKLYN POSTER PRNTNG CO	New York Telephone
	RODRIGUEZ ANTONIO	New York Telephone
1973	Bklyn Poster Prntng Co	New York Telephone
1970	Bklyn Poster Prntng Co	New York Telephone
	Giliotti John B b	New York Telephone
	ORourke S	New York Telephone
1965	Bove Thos	New York Telephone
	Bklyn Poster Pratng Co	New York Telephone
	Giliotti John	New York Telephone
	Giliotti John B b	New York Telephone
1960	Giliotti John B b	New York Telephone Company
	BOVE THOS	New York Telephone
	BKLYN POSTER PRNTNG CO	New York Telephone
	GILIOTTI JOHN B B	New York Telephone
	Bove Thos	New York Telephone Company
	Bklyn Poster Prntng Co	New York Telephone Company
1949	Alduino Peter leathr findngs	New York Telephone Company
1945	Alduino Peter leathr findngs	New York Telephone
1940	Alduino Peter leathr findngs	New York Telephone
1934	BOVE H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	DELIBERTY & CO LITHOGRAPHER LINDINGS	R. L. Polk & Co.
	ENCARBONE MARDIO LAB H	R. L. Polk & Co.
1928	DE LIBERTY G LTHR FINDINGS	New York Telephone
	MEINERSMAN CHAS A R	New York Telephone

255 3RD AVE

Year	Uses	Source
2017	KATIE ALDRICH	Cole Information Services
	KERRY DAVISON	Cole Information Services
2014	NICOLE CAREY	Cole Information Services
	KATERINE JOHNSON	Cole Information Services
	ROBERT TUNICK	Cole Information Services
2009	TWO TOMS RESTAURANT	Cole Information Services
2005	Two Toms Restaurant	Hill-Donnelly Corporation
	h Farrell William v	Hill-Donnelly Corporation
2004	BRIAN HARDING	Cole Information Services
	WILLIAM FARRELL	Cole Information Services
	TWO TOMS RESTAURANT	Cole Information Services
2000	WILLIAM FARRELL	Cole Information Services
	TWO TOMS RESTRNT	Cole Information Services
1999	TWO TOMS RESTRNT	Cole Information Services
1997	Two Toms Restnt	NYNEX
1994	TWO TOMS RESTRNT	Cole Information Services
1992	TWO TOMS RESTRNT	NYNEX Informantion Resource Co.
1985	MANZO ANTHONY	NYNEX Information Resources Company
	TWO TOMS RESTRNT	NYNEX Information Resources Company
1976	DEMERICK ANTHONY P	New York Telephone
	TWO TOMS RESTRNT	New York Telephone
1973	Demerick Anthony P	New York Telephone
1970	Curcio Joseph	New York Telephone
	Two Toms Restrnt	New York Telephone
1965	Manzo Margaret	New York Telephone
	Two Toms Restrnt	New York Telephone

FINDINGS

Year	Uses	Source
1960	SANTANIELLO FRED M	New York Telephone
	TWO TOMS RESTRET	New York Telephone
	Santaniello Fred M	New York Telephone Company
	Two Toms Restret	New York Telephone Company
1934	DEVOLA PETER H	R. L. Polk & Co.
	FARACCINA CHAS DRIVER R	R. L. Polk & Co.
	FARACCINA THERESA H	R. L. Polk & Co.
	FARACCINA THOS DRIVER R	R. L. Polk & Co.
	FARACCINA VERA R	R. L. Polk & Co.
	MAZZARA VITO LATHER H	R. L. Polk & Co.

256 3RD AVE

Year	Uses	Source
2017	MARGARET FUHRER	Cole Information Services
	KAREN BARDAVID	Cole Information Services
	ESTELLA MONCADA	Cole Information Services
	RAFAEL MEDINA	Cole Information Services
2014	ESTELLA MONCADA	Cole Information Services
	MARGARET FUHRER	Cole Information Services
	ANGELA GIACCHETTI	Cole Information Services
	RAFAEL MEDINA	Cole Information Services
	KAREN BARDAVID	Cole Information Services
2009	ESTELLA MONCADA	Cole Information Services
	FARLEY CRAWFORD	Cole Information Services
	IOANNA BAZIANOS	Cole Information Services
	GOOD NEWS BARBER SHOP	Cole Information Services
	RAFAEL MEDINA	Cole Information Services
2005	Good News Barber Shop	Hill-Donnelly Corporation
	Pimpernel Translations is	Hill-Donnelly Corporation
2004	DIALLO SHABAZZ	Cole Information Services
	ESTELLA MONCADA	Cole Information Services
	GOOD NEWS BARBER SHOP	Cole Information Services
	FARLEY CRAWFORD	Cole Information Services

FINDINGS

Year	Uses	Source
2004	EDGAR RENDON	Cole Information Services
	KRISTIAN MORENO	Cole Information Services
2000	ANDREA IBARRA	Cole Information Services
	3 PAUL LAJOIE	Cole Information Services
	ESTELLA MONCADA	Cole Information Services
	INGRIG N VACKELIN	Cole Information Services
	THE GOOD NWS BARB	Cole Information Services
1997	LAJOIE Paul	NYNEX
	NILSSON VACKELIN Ingrid	NYNEX
	RENDON Edgar	NYNEX
1994	NILSSON-VACKELIN, INGRID	Cole Information Services
	RENDON, EDGAR	Cole Information Services
	LAJOIE, PAUL	Cole Information Services
1992	LAJOIE PAUL	NYNEX Informantion Resource Co.
	MASTROMARINO FRANK	NYNEX Informantion Resource Co.
	NILSSON-VACKELIN INGRID	NYNEX Informantion Resource Co.
1985	FITZGERALD MARGARET	NYNEX Information Resources Company
	MASTROMARINO FRANK	NYNEX Information Resources Company
	MEDINA RAFAEL	NYNEX Information Resources Company
	NILSSON VACKELIN INGRID	NYNEX Information Resources Company
	RADELL THADDEYS	NYNEX Information Resources Company
1980	GAMBALE RUBBISH CARTING CORP	New York Telephone
1976	AMORELLO JOS	New York Telephone
	GAMBALE D	New York Telephone
	GAMBALE RUBBISH CARTING CORP	New York Telephone
	MASTROMARINO FRANK	New York Telephone
	PROSCIA ANTHONY	New York Telephone
1973	Amorello Jos	New York Telephone
	Gambale Rubbish Carting Corp	New York Telephone
	Proscia Anthony	New York Telephone
1970	Amorello Jos	New York Telephone
	Arvelo John	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1970	Ferro Michl	New York Telephone
	Mastromarino Frank	New York Telephone
1965	Amorello Jos	New York Telephone
	Ferro Michl	New York Telephone
	Ichart Steven	New York Telephone
	Mastromarino Frank	New York Telephone
1960	AMORELLO JOS	New York Telephone
	CATALDO ROSALIE MRS	New York Telephone
	MASTROMARINO FRANK	New York Telephone
	MELIO ALEXNDR J	New York Telephone
	Amorello Jos	New York Telephone Company
	Cataldo Rosalie Mrs	New York Telephone Company
	Mastromarino Frank	New York Telephone Company
	Melio Alexndr J	New York Telephone Company
1949	Guadagno Edmund J	New York Telephone Company
	Mastromarino Frank	New York Telephone Company
1945	Guadagno Edmund J	New York Telephone
	Rochfeld S Plate w ndw glass	New York Telephone
1940	Rochfeld S plate w ndw glass	New York Telephone
1934	FALCONE ROSE R	R. L. Polk & Co.
	MATFROIAMIO ANDREA LAB H	R. L. Polk & Co.
	MISTIETTA BENJTO R	R. L. Polk & Co.
	MISTIETTA COSIMO H	R. L. Polk & Co.
	RACHFELD SAML GLAZER	R. L. Polk & Co.
	SANTORO JOHN PLMBR H	R. L. Polk & Co.
	CANTERINO FRANK DRIVER H	R. L. Polk & Co.
	CASCELLA JOHN LAB H	R. L. Polk & Co.
	DESOMMA ANNA R	R. L. Polk & Co.
	DESOMMA RACHEL R	R. L. Polk & Co.
	FALCONE CARLO H	R. L. Polk & Co.

FINDINGS

257 3RD AVE

Year	*Uses*	*Source*
2017	ELYSE DRISCOLL	Cole Information Services
	BERNICE PEREZ	Cole Information Services
	DELIO MORENO	Cole Information Services
	MADELINE DOBLE	Cole Information Services
	MARILYN ROLDAN	Cole Information Services
	TRIPLE DIAMOND TATTOO	Cole Information Services
2014	JOHN ROLDAN	Cole Information Services
	KENNETH SANTACRUZ	Cole Information Services
	ELYSE DRISCOLL	Cole Information Services
	BERNICE PEREZ	Cole Information Services
	TRIPLE DIAMOND TATTOO	Cole Information Services
	MADELINE DOBLE	Cole Information Services
2009	MADELINE DOBLE	Cole Information Services
	DELIO MORENO	Cole Information Services
	SKY DIETRICH	Cole Information Services
	BERNICE PEREZ	Cole Information Services
	MARILYN RODRIGUEZ	Cole Information Services
2005	Cisneros Filiberto	Hill-Donnelly Corporation
	Moreno Delio Mejia	Hill-Donnelly Corporation
2004	GERMAN HERNANDEZ	Cole Information Services
	MILTON MEJIA	Cole Information Services
	FILIBERTO CISNEROS	Cole Information Services
	OLGA DOBLE	Cole Information Services
2000	IRIS BERGOLLO	Cole Information Services
1994	CRUZ, EVELYN	Cole Information Services
	MELENDEZ, JESSICA	Cole Information Services
1976	FALLETTA J	New York Telephone
	BERRIOS ROLANDO	New York Telephone
1970	Badillo Maria Mrs	New York Telephone
1965	Romero Ana	New York Telephone
1934	SICIGNANO CHAS MEATS	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	SICIGNANO ADELAIDE H	R. L. Polk & Co.
	HYGIENIC BARBER SHOP	R. L. Polk & Co.
	DESOMMA SUSIE H	R. L. Polk & Co.
	DEROSO RAYMOND R	R. L. Polk & Co.
	DEROSO ANDREW LAB H	R. L. Polk & Co.
	DEPRIMO FRANK H	R. L. Polk & Co.
	DALE JAS H	R. L. Polk & Co.
1928	SICIGNANO MICHAEL MEATS	New York Telephone

258 3RD AVE

Year	Uses	Source
1934	GALATI VINCENT OLLVA OIL H DO	R. L. Polk & Co.
	PRANO SALVATORE BAKER H	R. L. Polk & Co.

259 3RD AVE

Year	Uses	Source
2017	K F KITCHEN CABINETS LLC	Cole Information Services
2014	K F KITCHEN CABINETS LLC	Cole Information Services
2009	KF KITCHEN CABINETS LLC	Cole Information Services
2000	BIANCO RPR & PAINT	Cole Information Services
1999	BIANCO TRUCK BODIES REPAIR & PAINTING	Cole Information Services
1997	BHC Highw ay Corp	NYNEX
	Bianco Truck Bodies Repair & Painting	NYNEX
1994	BIANCO TRUCK BODIES REPAIR & PAINTING	Cole Information Services
1992	BIANCO TRUCK BODIES REPAIR & PAINTING	NYNEX Informantion Resource Co.
1985	BIANCO FRANK J TRUCK BODIES	NYNEX Information Resources Company
1976	BIANCO FRANK J TRUCK BODIES	New York Telephone
1934	RUSSO MARY H	R. L. Polk & Co.
	LEONE H	R. L. Polk & Co.
	GAMBALE NELLIE FINSHR R	R. L. Polk & Co.
	GAMBALE JOHN DRIVER H	R. L. Polk & Co.
	GAMBALE JAS R	R. L. Polk & Co.
	DETOTA PETER CARP H	R. L. Polk & Co.
	SHOE REPR	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	CONSORTI JOHN B H	R. L. Polk & Co.
	BAGLLO BENEDETTO H	R. L. Polk & Co.

261 3RD AVE

Year	Uses	Source
1985	PLATEK BENJ	NYNEX Information Resources Company

263 3RD AVE

Year	Uses	Source
2017	FOREIGN & DOMESTIC AUTO REPAIRS	Cole Information Services
2005	Klor De Cleaners	Hill-Donnelly Corporation
	Priolo Used Cars i	Hill-Donnelly Corporation
2004	OCCUPANT UNKNOWN	Cole Information Services
	KLOR DE CLEANERS	Cole Information Services
2000	CIRCLE KLR DE RUG	Cole Information Services
	KLOR-DE CLEANERS	Cole Information Services
1999	CIRCLE KLOR DERUG CLEANRS	Cole Information Services
	KLOR DECLEANERS	Cole Information Services
1997	Circle Klor De Rug Cleaners	NYNEX
	Klor De Cleaners	NYNEX
1994	CIRCLE KLOR-DE RUG CLEANRS	Cole Information Services
	KLOR-DE CLEANERS	Cole Information Services
1992	CIRCLE KLOR-DE RUG CLEANRS	NYNEX Informantion Resource Co.
	KLOR DE CLEANERS	NYNEX Informantion Resource Co.
1985	CIRCLE KLOR-DE RUG CLEANRS	NYNEX Information Resources Company
	KLOR DE CLEANERS	NYNEX Information Resources Company
1980	KLOR-DE CLEANERS	New York Telephone
1976	CIRCLE KLOR-DE RUG CLEANRS	New York Telephone
	KLOR-DE CLEANERS	New York Telephone
1973	Klor De Cleaners	New York Telephone
1970	Circle Klor De Rug Cleanrs	New York Telephone
	Klor De Cleaners	New York Telephone
1965	Klor De Cleaners	New York Telephone
1960	KLOR-DE CLEANERS	New York Telephone

FINDINGS

Year	Uses	Source
1960	Klor De Cleaners	New York Telephone Company
1949	Furys Body & Fender Co b	New York Telephone Company
1945	Leone Iron Wks	New York Telephone
1934	ARDORINO CATERINA R	R. L. Polk & Co.
	ARDOVINO TONY R	R. L. Polk & Co.
	GANNONE ANTHONY JUNK H	R. L. Polk & Co.
	LOMBARDI SALVATORE DRIVER H	R. L. Polk & Co.
	PASCARELLA ALF R	R. L. Polk & Co.
	PASCARELLA JOS H	R. L. Polk & Co.

264 3RD AVE

Year	Uses	Source
2017	RIDGE COMPLETE AUTO INC	Cole Information Services
2014	RIDGE COMPLETE AUTOMOBILE INCORPORAT	Cole Information Services
2009	RIDGE COMPLETE AUTO INC	Cole Information Services
2005	Ridge Complete Auto Inc	Hill-Donnelly Corporation
2004	OCCUPANT UNKNOWN	Cole Information Services
	RIDGE COMPLETE AUTO INC	Cole Information Services
2000	DAN & NEAL AT RPRS	Cole Information Services
1999	DAN & NEAL AUTO REPAIRS	Cole Information Services
1997	Dan & Neal Auto Repairs	NYNEX
1994	DAN & NEAL AUTO REPRS	Cole Information Services
	DAN & NEAL AUTO REPAIRS	Cole Information Services
1992	DAN & NEAL AUTO REPAIRS	NYNEX Informantion Resource Co.
1985	DAN & NEAL AUTO REPAIRS	NYNEX Information Resources Company
	ULTIMATE TOWING	NYNEX Information Resources Company
1976	DAN & NEAL AUTO REPAIRS	New York Telephone
1973	Dan & Neal Auto Repairs	New York Telephone
1970	Dan & Neal Auto Repairs	New York Telephone
1965	Dan & Neal Auto Repairs	New York Telephone
1960	DAN & NEAL AUTO REPAIRS	New York Telephone
	Dan & Neal Auto Repairs	New York Telephone Company
1949	Dan & Neal Auto Repirs	New York Telephone Company

FINDINGS

Year	Uses	Source
1949	Dan & Neal Auto Reprs	New York Telephone Company
1940	Simmons Carlton auto reprs	New York Telephone
	Slims Auto Repairs	New York Telephone
1934	FUSCO FERDINAND LAB H	R. L. Polk & Co.
1928	A-WON ELECTRIC NOVELTY CO	New York Telephone

266 3RD AVE

Year	Uses	Source
2017	BECKY SENDROW	Cole Information Services
2014	BECKY SENDROW	Cole Information Services
	ERNEST ANDERSON	Cole Information Services
	WILLIAM FARRELL	Cole Information Services
2009	S CARROLL	Cole Information Services
	M YUEN	Cole Information Services
	WILLIAM FARRELL	Cole Information Services
2005	Carroll S	Hill-Donnelly Corporation
2004	ERNEST ANDERSON	Cole Information Services
	S CARROLL	Cole Information Services
2000	LOIS ZAPATA	Cole Information Services
	SUPREME PIERRE	Cole Information Services
1997	Gold Star Pest Control	NYNEX
	RODRIGUEZ Luis	NYNEX
1994	RODRIGUEZ, LUIS	Cole Information Services
	GOLD STAR PEST CONTROL	Cole Information Services
1992	GAMBALE RAYMOND	NYNEX Informantion Resource Co.
	GANS RICHARD	NYNEX Informantion Resource Co.
	NATAL ROBERTO	NYNEX Informantion Resource Co.
1985	GAMBALE RAYMOND	NYNEX Information Resources Company
1976	FUSCO MADALINE	New York Telephone
1973	Fusco Madalice	New York Telephone
1970	Fusco Madaline	New York Telephone
1965	Fusco Madallne	New York Telephone
1960	FUSCO MADALINE	New York Telephone

Year	Uses	Source
1960	GALLO JEAN	New York Telephone
	Fusco Madaline	New York Telephone Company
	Gallo Jean	New York Telephone Company
1949	Putorti Aniello	New York Telephone Company
1945	Putorti Aniello	New York Telephone
1940	Leone Iron Wks	New York Telephone
1934	GENTILE GEO CHAUF H	R. L. Polk & Co.

3rd Avenue

215 3rd Avenue

Year	Uses	Source
1997	Alely Parking Corp	NYNEX

251 3rd Avenue

Year	Uses	Source
2000	JAY RCHRDS SEC INC	Cole Information Services
1980	UNUSUAL BOKKS INC MANH	New York Telephone
	WORLD WIDE BOOK SVCE MANH	New York Telephone
1976	UNUSUAL BOOKS INC	New York Telephone
	WORLD WIDE BOOK SVCE	New York Telephone
1973	Udell Store Fixture Corp	New York Telephone
1970	Shalm & Udell Store Fixt Corp	New York Telephone
1960	PAPPAS THOS GROCRS	New York Telephone
	Pappas Thos grocrs	New York Telephone Company
1949	Pappas Thos grocrs	New York Telephone Company
1945	Pappas V olive oil	New York Telephone
1940	Pappas V olive oil	New York Telephone
1934	SLANLSTAO QUESNDA BAKER H	R. L. Polk & Co.
1928	CONSTANT C OLIVE OIL	New York Telephone

FINDINGS

AV & UNION ST

3 AV & UNION ST

Year	Uses	Source
1960	BKLYN WHITE TRUCKS INC	New York Telephone

E 3RD ST

215 E 3RD ST

Year	Uses	Source
2014	ANDREA WILMER	Cole Information Services

S 3RD ST

251 S 3RD ST

Year	Uses	Source
2017	TOP QUALITY MANAGEMENT	Cole Information Services
2014	JIWOOK JANG	Cole Information Services
	MARIA ZABALLA	Cole Information Services
	ROBIN CHAN	Cole Information Services
	MARTHA KING	Cole Information Services
	DIANA MURAKHOVSKAYA	Cole Information Services
	ELLEN ROSE	Cole Information Services

SACKETT ST

597 SACKETT ST

Year	Uses	Source
2017	BLACKBIRDS BROOKLYN LIMITED LIABILIT	Cole Information Services
2009	GINO FOREIGN AUTO COLLISION INC	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	GINO FOREIGN AUTO COLLISION INC	Cole Information Services
1999	GINO FOREIGN AUTO COLLISION INCORPORATED	Cole Information Services
1994	GINO FOREIGN AUTO COLLISION INC	Cole Information Services

FINDINGS

601 SACKETT ST

Year	*Uses*	*Source*
1999	SUPER FISH INCORPORATED	Cole Information Services
	HAROLD H GOLDBERG & COMPANY	Cole Information Services

Sackett Street

597 Sackett Street

Year	*Uses*	*Source*
2005	Gino Foreign Auto Collision	Hill-Donnelly Corporation
2000	GINO FRGN AT CLISN	Cole Information Services
1997	Gino Foreign Auto Collision Inc	NYNEX
1992	GINO FOREIGN AUTO COLLISION INC	NYNEX Informantion Resource Co.
1985	DIESEL CHEMCL CO	NYNEX Information Resources Company
	DIESEL CHEMCL & METAL CO INC	NYNEX Information Resources Company
	LEWIS DAVID S B	NYNEX Information Resources Company
	DIESEL CHEMICAL & METAL CO INC	NYNEX Information Resources Company
1976	DIESEL CHEMICAL & METAL CO INC	New York Telephone
	DIESEL CHEMCL CO	New York Telephone
	DIESEL CHEMCL & METAL CO INC	New York Telephone
	LEWIS DAVID S B	New York Telephone
1960	Artmo Co	New York Telephone Company
1934	WEBB JENSEN-DAVIS CO INC M T WEBB PRES E J DAVIS V-PRES JOS J DAVIS SEC-TR	R. L. Polk & Co.
1928	WEBB JENSEN DAVIS CO PRINTING INKS	New York Telephone

601 Sackett Street

Year	*Uses*	*Source*
2005	Harold H Goidberg & Co	Hill-Donnelly Corporation
2000	HAROLD GLDBRG & CO	Cole Information Services
	SUPER FISH INC	Cole Information Services
1992	AMYTEX INC	NYNEX Informantion Resource Co.
1976	BUSH TERMINAL SALVAGE CORP	New York Telephone
	G & H PAPER STOCK	New York Telephone

Year	Uses	Source
1960	BUSH TERM WASTE PAPER COLLECTORS B	New York Telephone
1934	GODFREY WIPING RAG CORP A MERWIN GODFREY PRES GEO M GODFREY V-PRES-SEC E M	R. L. Polk & Co.
	NITTI MARY D GODFREY WIPING CLOTH CORP	R. L. Polk & Co.
	WHITINOY BELL CHAUF GODFREY WIPING CLOTH CORP	R. L. Polk & Co.
1928	GODFREY A MERWIN WIPMG RAGS	New York Telephone
	GODFREY GEO M WIPING RAGS	New York Telephone
	GODFREY WIPING RAG CORP	New York Telephone
	WRIGHT SHEPARD WIPING RAGS	New York Telephone

UNION

576 UNION

Year	Uses	Source
1999	SUSAN EDGAR DESIGN	Cole Information Services

UNION AVE

570 UNION AVE

Year	Uses	Source
1999	MARRERO RICHARD	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

572 UNION AVE

Year	Uses	Source
2004	JOE SHARP	Cole Information Services

578 UNION AVE

Year	Uses	Source
1999	OCCUPANT UNKNOWN	Cole Information Services

580 UNION AVE

Year	Uses	Source
2004	OCCUPANT UNKNOWN	Cole Information Services

Year	Uses	Source
2004	SHUFRA/MANHATTAN	Cole Information Services
1999	SHUFRA CHOCOLATE & FOOD CORPORATION	Cole Information Services
	MANHATTAN CHOCOLATES	Cole Information Services
1994	MANHATTAN CHOCOLATES	Cole Information Services
	SHUFRA CHOCOLATE & FOOD CORP	Cole Information Services

UNION ST

544 UNION ST

Year	Uses	Source
2017	JULIAN GRAHAM	Cole Information Services
2014	544 UNION LLC	Cole Information Services
	544 UNION AVENUE	Cole Information Services
	ALI MCDONOUGH	Cole Information Services
	NICOLE EVANS	Cole Information Services
	ANGELA LINDQUIST	Cole Information Services
	ANDRE WECHSLER	Cole Information Services
	JENNIFER CAMPBELL	Cole Information Services
	ALEX KOPPELMAN	Cole Information Services
	JENNY SHYR	Cole Information Services
	AMBER KALLOR	Cole Information Services
	JOEL RODRIGUEZ	Cole Information Services
	MIYAKO IKEDA	Cole Information Services
	JESSICA GUECO	Cole Information Services
	JULIAN GRAHAM	Cole Information Services
	RUBY WARRINGTON	Cole Information Services
	GRACE VINBERG	Cole Information Services
2009	CHRIS PRENTICE	Cole Information Services
	B SAVARESE	Cole Information Services
2004	J SAVARESE	Cole Information Services

546 UNION ST

Year	Uses	Source
2017	OLEKSANDRA TOPOLNYTSKA	Cole Information Services

FINDINGS

Year	Uses	Source
2014	ELIZABETH WARD	Cole Information Services
2009	DAVID CUDDIHY	Cole Information Services
	JOHN CATANIA	Cole Information Services
2005	Catania John	Hill-Donnelly Corporation
2004	OCCUPANT UNKNOWN	Cole Information Services
	JOHN CATANIA	Cole Information Services
1999	CATANIA JOHN	Cole Information Services
1997	FENZA FRANK J	NYNEX
	Catania John	NYNEX
1994	FENZA, FRANK J	Cole Information Services
	CATANIA, JOHN	Cole Information Services
1973	Circle Klor De Rug Cleaners	New York Telephone
	De Virgilio Phyllis	New York Telephone
	Fenza Frank J	New York Telephone
1970	De Virgilio Phyllis	New York Telephone
	Fenza Frank J	New York Telephone
	Fenza Frank J	New York Telephone
1965	Fenza Frank J	New York Telephone
	De Virgilio Phyllis	New York Telephone
1960	Russo Matteo	New York Telephone Company
	Fenza Frank J	New York Telephone Company
1949	Americanaire Co refrigeratn	New York Telephone Company
	Fenza Frank J	New York Telephone Company
	Russo Matteo	New York Telephone Company
1945	Russo Matteo	New York Telephone
	Spirito Jos Jr	New York Telephone

548 UNION ST

Year	Uses	Source
2017	TESSA GORDON PURE MARTIAL ARTS	Cole Information Services
2014	TESSA GORDON PREMIER MARTIAL ARTS	Cole Information Services
2009	TESSA GORDON PURE ENERGY MARTIAL ART	Cole Information Services
2005	A & 3 Iron Works	Hill-Donnelly Corporation

Year	Uses	Source
1999	RESPONSE PLUMBING & HEATING INCORPORATED	Cole Information Services
1997	Response Plumbing & Heating Inc	NYNEX

550 UNION ST

Year	Uses	Source
2017	MICHAEL CUMMINS	Cole Information Services
2014	MICHAEL CUMMINS	Cole Information Services
	RAY ARMSTRONG	Cole Information Services
2009	NATIONAL PHOTO ALBUM INC	Cole Information Services
	MICHAEL CUMMINS	Cole Information Services
2005	h Cummins Michael A	Hill-Donnelly Corporation
2004	MICHAEL CUMMINS	Cole Information Services
	NATIONAL PHOTO ALBUM INC	Cole Information Services
1997	SODEROUIST T	NYNEX
	CUMMINS Michael	NYNEX
1994	CUMMINS, MICHAEL	Cole Information Services
1973	Bridge Packers	New York Telephone
1970	Bridge Packers	New York Telephone
1965	Bedell Woodw orking Co Inc	New York Telephone
1960	Bedell Woodw orking Co Inc	New York Telephone Company
1949	Bedell Woodw orking Co Inc	New York Telephone Company
1945	Moccia Const Corp	New York Telephone
	Driscoll Geo F Co Main ofc	New York Telephone
1940	Driscoll Geo F Co bldg contrs	New York Telephone
	Main ofc	New York Telephone
	Moccia Const Corp	New York Telephone

552 UNION ST

Year	Uses	Source
2004	OCCUPANT UNKNOWN	Cole Information Services
	A & J IRON WORKS INC	Cole Information Services
1999	A & J IRON WORKS	Cole Information Services
1997	A & J Iron Works	NYNEX

FINDINGS

Year	Uses	Source
1997	A & J Iron Work	NYNEX
1994	ALVARADO IRON WORKS	Cole Information Services
	A & J IRON WORKS	Cole Information Services
1960	United Artistic Ornamental Wrought Iron	New York Telephone Company
	Rocco Ali b	New York Telephone Company
1949	Rocco Ali b	New York Telephone Company

558 UNION ST

Year	Uses	Source
1945	Contorno Rosalie Miss	New York Telephone

562 UNION ST

Year	Uses	Source
1965	Curtis Ruth	New York Telephone
1960	Stellw agen C R	New York Telephone Company

566 UNION ST

Year	Uses	Source
1997	FARNSWORTH N C	NYNEX

568 UNION ST

Year	Uses	Source
2017	ETELBERTO MENDOZA	Cole Information Services
	JENNIFER WIAFE	Cole Information Services
	BABACAR DIOKHANE	Cole Information Services
	UNION STREET CAFE INC	Cole Information Services
	UNION CAFE RESTAURANT	Cole Information Services
2014	NIKKI ALIMONDA	Cole Information Services
	JASON FIDLER	Cole Information Services
	KITTY BROWN	Cole Information Services
	NIAMI ALCHALAL	Cole Information Services
	IBRAHIMA DIOKHANE	Cole Information Services
	ETELBERTO MENDOZA	Cole Information Services
	UNION STREET CAFE INCORPORATED	Cole Information Services
2009	TALI HERSKOWITZ	Cole Information Services

FINDINGS

Year	Uses	Source
2009	D MILLER	Cole Information Services
	A & S ELECTRICAL CONTRACTORS I	Cole Information Services
	ETELBERTO MENDOZA	Cole Information Services
	KEELEY JACKSON	Cole Information Services
	MAGDALENO RAMOS	Cole Information Services
2005	Union Street Cafe Inc	Hill-Donnelly Corporation
	h Mendoza Etelberto	Hill-Donnelly Corporation
	Keur Djembe	Hill-Donnelly Corporation
	Brow n Kitty	Hill-Donnelly Corporation
	h Ebemrhardt Kelly	Hill-Donnelly Corporation
2004	TALI HERSKOWITZ	Cole Information Services
	KELLY EBERHARDT	Cole Information Services
	IBRAHIM DIOKHANE	Cole Information Services
	MADDY KEBEDJIS	Cole Information Services
	KITTY BROWN	Cole Information Services
	RAUL RIVERA	Cole Information Services
	TENYU HAMAKI	Cole Information Services
	KARI HOERCHLER	Cole Information Services
	RITA MITCHELL	Cole Information Services
	ETELBERTO MENDOZA	Cole Information Services
	ANGEL PEREZ	Cole Information Services
	LEONEL RAMOS	Cole Information Services
1997	Arc Electrical & Mechanical	NYNEX
	Three Brothers Restrnt	NYNEX
	DIOKHANE Ibrahima	NYNEX
	MENDOZA Estelberto	NYNEX
	RAHIM Karim	NYNEX
1994	THREE BROTHERS RESTRNT	Cole Information Services
	MORALES, JESUS	Cole Information Services
	MENDOZA, ETELBERTO	Cole Information Services
	TORIVIO, GLORIA	Cole Information Services
	SANCHEZ, AMELIA	Cole Information Services

FINDINGS

Year	Uses	Source
1973	De Riso Alphonse	New York Telephone
	Picarillo Ralph	New York Telephone
	Ward Thos	New York Telephone
1970	De Riso Alphone	New York Telephone
	Picariello Ralph	New York Telephone
	Thomson Wilfred	New York Telephone
	Ward Thos	New York Telephone
1965	Codispoti Pat	New York Telephone
	De Riso Alphonse	New York Telephone
	Donnelly Mille	New York Telephone
	Morales Carlos	New York Telephone
	Tesca Josephine Mrs	New York Telephone
1960	Codispoti Pat	New York Telephone Company
	Gatto Anthony P	New York Telephone Company
1949	Basile Gaetano	New York Telephone Company

570 UNION ST

Year	Uses	Source
2017	ELIGIO ROSAS	Cole Information Services
	ADRIANA ARIZA	Cole Information Services
	GREGORY NOFI	Cole Information Services
	JOSHUA ROSAS	Cole Information Services
	JESSICA ARIZA	Cole Information Services
	KIM GOVE	Cole Information Services
	HERA YOON	Cole Information Services
	HERA YOON	Cole Information Services
	ELIGIO ROSAS	Cole Information Services
	ADRIANA ARIZA	Cole Information Services
	JOSHUA ROSAS	Cole Information Services
	JESSICA ARIZA	Cole Information Services
	KIM GOVE	Cole Information Services
	GREGORY NOFI	Cole Information Services
2014	JESSICA ARIZA	Cole Information Services

FINDINGS

Year	Uses	Source
2014	JOHN BILANCINI	Cole Information Services
	MICHAEL AMENO	Cole Information Services
	KIM GOVE	Cole Information Services
	MICHAEL AMENO	Cole Information Services
	JOHN BILANCINI	Cole Information Services
	KIM GOVE	Cole Information Services
	JESSICA ARIZA	Cole Information Services
2009	MICHAEL AMENO	Cole Information Services
	LUISA ORTEGA	Cole Information Services
	WILSON PLAZA	Cole Information Services
	PABLO HUEYOPA	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
	JOSE VILLATORO	Cole Information Services
	JESSICA ARIZA	Cole Information Services
	MICHAEL AMENO	Cole Information Services
	JESSICA ARIZA	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
	WILSON PLAZA	Cole Information Services
	LUISA ORTEGA	Cole Information Services
	PABLO HUEYOPA	Cole Information Services
	JOSE VILLATORO	Cole Information Services
2005	Avila Rogello	Hill-Donnelly Corporation
	Ortega Luisa	Hill-Donnelly Corporation
	Pareja Andres	Hill-Donnelly Corporation
	Plaza Wilson	Hill-Donnelly Corporation
	Reyes Oscar	Hill-Donnelly Corporation
	Sanchez Jaime	Hill-Donnelly Corporation
	Torres Juan	Hill-Donnelly Corporation
2004	ROGELIO AVILA	Cole Information Services
	VICTOR QUINGA	Cole Information Services
	BERENICE GARCIA-ORDONEZ	Cole Information Services
	MICHAEL AMENO	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2004	PABLO HUEYOPA	Cole Information Services
	LUIS LEON	Cole Information Services
	JUAN TORRES	Cole Information Services
	MARIBEL LUCERO	Cole Information Services
	ANDRES PAREJA	Cole Information Services
	BERENICE GARCIA-ORDONEZ	Cole Information Services
	MICHAEL AMENO	Cole Information Services
	PABLO HUEYOPA	Cole Information Services
	LUIS LEON	Cole Information Services
	ANDRES PAREJA	Cole Information Services
	ROGELIO AVILA	Cole Information Services
	VICTOR QUINGA	Cole Information Services
	MARIBEL LUCERO	Cole Information Services
	JUAN TORRES	Cole Information Services
1997	ARIZA Rufino	NYNEX
	GOULBOURNE Miltey	NYNEX
	MARRERO Richard	NYNEX
	ORTIZ Francisco	NYNEX
1994	BANIGAS, NOEL	Cole Information Services
	ORTIZ, FRANCISCO	Cole Information Services
	ORTIZ, FRANCISCO	Cole Information Services
	BANIGAS, NOEL	Cole Information Services
1973	Pulgrano Angelo J	New York Telephone
	Minoli Gino	New York Telephone
	Powers R	New York Telephone
1970	Cantelmo Bart	New York Telephone
	Guardino Michl V	New York Telephone
	Marulli Patty	New York Telephone
	Pulgiano Angelo J	New York Telephone
1965	Cantelmo Bart	New York Telephone
	DAdamo Michl	New York Telephone
	Gannone John	New York Telephone

FINDINGS

Year	Uses	Source
1965	Guardino Michl V	New York Telephone
	Picone Rocco	New York Telephone
	Pulgiano Angelo J	New York Telephone
1960	Cantelmo Bart	New York Telephone Company
	DAdamo Michl	New York Telephone Company
	Gatto Michl	New York Telephone Company
	Gesualdi Orlando	New York Telephone Company
	Guardino Michl V	New York Telephone Company
	Orlando Louis	New York Telephone Company
	Pulgrano Angelo J	New York Telephone Company
1949	DAdamo Michl	New York Telephone Company
	Guardino Michl V	New York Telephone Company

572 UNION ST

Year	Uses	Source
2017	NATASHA CORBIE	Cole Information Services
	EULOGIA SEPTIMO	Cole Information Services
	DANIEL MEHRER	Cole Information Services
	TIANA GREENE	Cole Information Services
	SANDY CRUZ	Cole Information Services
	NATASHA CORBIE	Cole Information Services
	EULOGIA SEPTIMO	Cole Information Services
	DANIEL MEHRER	Cole Information Services
	TIANA GREENE	Cole Information Services
	SANDY CRUZ	Cole Information Services
2014	EULOGIA SEPTIMO	Cole Information Services
	AHMED PIERSON	Cole Information Services
	SANDY CRUZ	Cole Information Services
	SHAYLA PATTON	Cole Information Services
	CHRIS OZER	Cole Information Services
	DANIEL MEHRER	Cole Information Services
	NATASHA CORBIE	Cole Information Services
	EULOGIA SEPTIMO	Cole Information Services

FINDINGS

Year	Uses	Source
2014	AHMED PIERSON	Cole Information Services
	SANDY CRUZ	Cole Information Services
	SHAYLA PATTON	Cole Information Services
	CHRIS OZER	Cole Information Services
	DANIEL MEHRER	Cole Information Services
	NATASHA CORBIE	Cole Information Services
2009	NATASHA CORBIE	Cole Information Services
	EULOGIA SEPTIMO	Cole Information Services
	TIANA GREENE	Cole Information Services
	CHRIS OZER	Cole Information Services
	SANDY CRUZ	Cole Information Services
	CHRIS OZER	Cole Information Services
	NATASHA CORBIE	Cole Information Services
	SANDY CRUZ	Cole Information Services
	TIANA GREENE	Cole Information Services
	EULOGIA SEPTIMO	Cole Information Services
2005	h CunnIngham Joel	Hill-Donnelly Corporation
	h Corbie N	Hill-Donnelly Corporation
2004	KEITH NELSON	Cole Information Services
	N CORBIE	Cole Information Services
	BINI GOPAL	Cole Information Services
	SHAYLA PATTON	Cole Information Services
	PAUL WHITE	Cole Information Services
	JENAIR PERRY	Cole Information Services
	DANIEL MALONEY	Cole Information Services
	JOEL CUNNINGHAM	Cole Information Services
	TAMMY LEE	Cole Information Services
	JOEL CUNNINGHAM	Cole Information Services
	DANIEL MALONEY	Cole Information Services
	KEITH NELSON	Cole Information Services
	N CORBIE	Cole Information Services
	BINI GOPAL	Cole Information Services

FINDINGS

Year	Uses	Source
2004	SHAYLA PATTON	Cole Information Services
	JENAIR PERRY	Cole Information Services
	PAUL WHITE	Cole Information Services
	TAMMY LEE	Cole Information Services
1997	CUNNINGHAM Joel	NYNEX
	WHITEHEAD Sarita	NYNEX
	ZIMMERMAN Koeppel	NYNEX
	NELSON keith	NYNEX
	RAMSINGH James	NYNEX
1994	NELSON, KEITH	Cole Information Services
	MARTE, YVONNE	Cole Information Services
	MIRANDA, LUIS	Cole Information Services
	CUNNINGHAM, JOEL	Cole Information Services
	CUNNINGHAM, JOEL	Cole Information Services
	MARTE, YVONNE	Cole Information Services
	NELSON, KEITH	Cole Information Services
	MIRANDA, LUIS	Cole Information Services
1973	How ell Allister	New York Telephone
1970	Santiago Isabel	New York Telephone
	How ell Allister	New York Telephone
1965	Matuozzi Joan Mrs	New York Telephone
1960	Vegas Maria Mrs	New York Telephone Company
	Sorrentino Andrew	New York Telephone Company
	Garcia Eduardo	New York Telephone Company
	Bellon Michl A	New York Telephone Company
1949	Sorrentino Sal	New York Telephone Company
	Socarras Louisa	New York Telephone Company
	Lupia Viola	New York Telephone Company

576 UNION ST

Year	Uses	Source
2017	PARK WEST AUTOBODY INC	Cole Information Services
	PARK WEST AUTOBODY INC	Cole Information Services

FINDINGS

Year	Uses	Source
2014	PARK WEST AUTOBODY INCORPORATED	Cole Information Services
	PARK WEST AUTOBODY INCORPORATED	Cole Information Services
2009	PARK WEST AUTO CARE INC	Cole Information Services
	PARK WEST AUTO CARE INC	Cole Information Services
2005	Park West Auto Body	Hill-Donnelly Corporation
2004	MIKE DEVITA	Cole Information Services
	PARK WEST AUTO BODY INC	Cole Information Services
	MIKE DEVITA	Cole Information Services
	PARK WEST AUTO BODY INC	Cole Information Services
1997	A Vigilante Plumbing & Heating	NYNEX
	VIGILANTE CONTRCTNG CO INC	NYNEX
	Vigilante Plumbing & Heating	NYNEX
1994	A VIGILANTE PLUMBING & HEATING	Cole Information Services
	VIGILANTE CONTRCTNG CO INC	Cole Information Services
	VIGILANTE PLUMBING & HEATING	Cole Information Services
	VIGILANTE PLUMBING & HEATING	Cole Information Services
	A VIGILANTE PLUMBING & HEATING	Cole Information Services
	VIGILANTE CONTRCTNG CO INC	Cole Information Services
1970	Halvorsen Bearings Ltd	New York Telephone

578 UNION ST

Year	Uses	Source
2017	SARAH ARGUS	Cole Information Services
	JAMES CONANT	Cole Information Services
	RANDALL HOLTBY	Cole Information Services
	KAITLYN BROWN	Cole Information Services
	MELODY SETOODEHSIN	Cole Information Services
	SAVANNA KUSTRA	Cole Information Services
	ALEXIS PLAIR	Cole Information Services
	SARAH ARGUS	Cole Information Services
	JAMES CONANT	Cole Information Services
	RANDALL HOLTBY	Cole Information Services
	MELODY SETOODEHSIN	Cole Information Services

FINDINGS

Year	Uses	Source
2017	ALEXIS PLAIR	Cole Information Services
	SAVANNA KUSTRA	Cole Information Services
	KAITLYN BROWN	Cole Information Services
2014	SYLVIA PHILIT	Cole Information Services
	SYLVIA PHILIT	Cole Information Services
2009	CHRIS BOWSER	Cole Information Services
	CHRIS BOWSER	Cole Information Services
2005	Rogers P	Hill-Donnelly Corporation
	Camacho Louis	Hill-Donnelly Corporation
2004	PAMELA ROGERS	Cole Information Services
	CHRIS BOWSER	Cole Information Services
	CHARLES VOREK	Cole Information Services
	CHARLES VOREK	Cole Information Services
	PAMELA ROGERS	Cole Information Services
	CHRIS BOWSER	Cole Information Services
1997	COMANCHO Luis	NYNEX
	FORD Carolyn	NYNEX
	ROGERS P	NYNEX
	SUMBLIN Joseph	NYNEX
	CLARKE GELMAN Phyllis & Stanley	NYNEX
	CAMACHO Louis	NYNEX
1994	FORD, CAROLYN	Cole Information Services
	CAMACHO, LOUIS	Cole Information Services
	RHYNES, MAWANZA	Cole Information Services
	ROGERS, P	Cole Information Services
	CAMACHO, LOUIS	Cole Information Services
	ROGERS, P	Cole Information Services
	FORD, CAROLYN	Cole Information Services
	RHYNES, MAWANZA	Cole Information Services
1973	Pepe Angelina	New York Telephone
	Giordano Anthony	New York Telephone
	Coria Anthony	New York Telephone

FINDINGS

Year	Uses	Source
1973	Alessandro Thomas	New York Telephone
1970	Spagnuolo Jerry	New York Telephone
	Sorrentino Andrew	New York Telephone
	Califano Michl	New York Telephone
	Berti Angelina C	New York Telephone
1965	Spagnuolo Jerry	New York Telephone
	Sorrentino Andrew	New York Telephone
	Quadrato Paul	New York Telephone
	Melio Alexndr J	New York Telephone
	Califano Michl	New York Telephone
	Berti Angelina C	New York Telephone
1960	Spagnuolo Pasquale	New York Telephone Company
	Quadrato Paul	New York Telephone Company
	Califano Michl	New York Telephone Company
	Califano Alfonse	New York Telephone Company
	Berti Angelina C	New York Telephone Company

580 UNION ST

Year	Uses	Source
2017	JOHN MOGRAY	Cole Information Services
	JASON EVERITT	Cole Information Services
	PAUL SANDOVAL	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
	STEPHON CARSON	Cole Information Services
	STEPHON CARSON	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
	PAUL SANDOVAL	Cole Information Services
	JASON EVERITT	Cole Information Services
	JOHN MOGRAY	Cole Information Services
2014	ANASTASIA UGLOVA	Cole Information Services
	MARIA CANGIANO	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
	JOSEPHINE PRIDDIE	Cole Information Services

FINDINGS

Year	Uses	Source
2014	BEN EITNIEAR	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
	MARIA CANGIANO	Cole Information Services
	BEN EITNIEAR	Cole Information Services
	JOSEPHINE PRIDDIE	Cole Information Services
	ANASTASIA UGLOVA	Cole Information Services
2009	WERNER CANGIANO	Cole Information Services
	PAUL SANDOVAL	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
	KAREN KAO	Cole Information Services
	WERNER CANGIANO	Cole Information Services
	PAUL SANDOVAL	Cole Information Services
	KAREN KAO	Cole Information Services
	GILBERTO BRAVO	Cole Information Services
2004	THEODORE RUBINSTEIN	Cole Information Services
	STEPHEN SCHIPANI	Cole Information Services
	MARIA CANGIANO	Cole Information Services
	JANDE WINTROB	Cole Information Services
	J NICKLE	Cole Information Services
	THEODORE RUBINSTEIN	Cole Information Services
	MARIA CANGIANO	Cole Information Services
	JANDE WINTROB	Cole Information Services
	J NICKLE	Cole Information Services
	STEPHEN SCHIPANI	Cole Information Services
1994	VELEZ, JOE	Cole Information Services
	RODRIGUEZ, M	Cole Information Services
	CENTENO, M	Cole Information Services
	ROSARIO, ANNETTE	Cole Information Services
	CENTENO, M	Cole Information Services
	RODRIGUEZ, M	Cole Information Services
	VELEZ, JOE	Cole Information Services
	ROSARIO, ANNETTE	Cole Information Services

FINDINGS

585 UNION ST

Year	Uses	Source
2004	OCCUPANT UNKNOWN	Cole Information Services

595 UNION ST

Year	Uses	Source
1965	Mulqueen J J	New York Telephone

597 UNION ST

Year	Uses	Source
1997	COARDE John	NYNEX

607 UNION ST

Year	Uses	Source
1999	PRO LINE	Cole Information Services
1997	Pro Line	NYNEX

617 UNION ST

Year	Uses	Source
2004	OCCUPANT UNKNOWN	Cole Information Services
1994	FERMAR PARKING INC	Cole Information Services

625 UNION ST

Year	Uses	Source
2017	HOLIDAY INN EXPRESS NEW YORKBROOKLY	Cole Information Services
	CHEAP HEATING & AIR CONDITIONING	Cole Information Services
2009	MMG UNION STREET OPERATOR	Cole Information Services

Union Street

570 Union Street

Year	Uses	Source
2005	Avila Rogello	Hill-Donnelly Corporation
	Ortega Luisa	Hill-Donnelly Corporation
	Pareja Andres	Hill-Donnelly Corporation
	Plaza Wilson	Hill-Donnelly Corporation
	Reyes Oscar	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2005	Sanchez Jaime	Hill-Donnelly Corporation
	Torres Juan	Hill-Donnelly Corporation
1997	ARIZA Rufino	NYNEX
	GOULBOURNE Miltey	NYNEX
	MARRERO Richard	NYNEX
	ORTIZ Francisco	NYNEX
1973	Minoli Gino	New York Telephone
	Powers R	New York Telephone
	Pulgrano Angelo J	New York Telephone
1970	Cantelmo Bart	New York Telephone
	Guardino Michl V	New York Telephone
	Marulli Patty	New York Telephone
	Pulgiano Angelo J	New York Telephone
1965	Cantelmo Bart	New York Telephone
	DAdamo Michl	New York Telephone
	Gannone John	New York Telephone
	Guardino Michl V	New York Telephone
	Picone Rocco	New York Telephone
	Pulgiano Angelo J	New York Telephone
1960	Cantelmo Bart	New York Telephone Company
	DAdamo Michl	New York Telephone Company
	Gatto Michl	New York Telephone Company
	Gesualdi Orlando	New York Telephone Company
	Guardino Michl V	New York Telephone Company
	Orlando Louis	New York Telephone Company
	Pulgrano Angelo J	New York Telephone Company
1949	DAdamo Michl	New York Telephone Company
	Guardino Michl V	New York Telephone Company

572 Union Street

Year	Uses	Source
2005	h Corbie N	Hill-Donnelly Corporation
	h Cunnlngham Joel	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
1997	CUNNINGHAM Joel	NYNEX
	NELSON keith	NYNEX
	RAMSINGH James	NYNEX
	WHITEHEAD Sarita	NYNEX
	ZIMMERMAN Koeppel	NYNEX
1973	How ell Allister	New York Telephone
1970	How ell Allister	New York Telephone
	Santiago Isabel	New York Telephone
1965	Matuozzi Joan Mrs	New York Telephone
1960	Bellon Michl A	New York Telephone Company
	Garcia Eduardo	New York Telephone Company
	Sorrentino Andrew	New York Telephone Company
	Vegas Maria Mrs	New York Telephone Company
1949	Lupia Viola	New York Telephone Company
	Socarras Louisa	New York Telephone Company
	Sorrentino Sal	New York Telephone Company

576 Union Street

Year	Uses	Source
2005	Park West Auto Body	Hill-Donnelly Corporation
1997	A Vigilante Plumbing & Heating	NYNEX
	VIGILANTE CONTRCTNG CO INC	NYNEX
	Vigilante Plumbing & Heating	NYNEX
1970	Halvorsen Bearings Ltd	New York Telephone

578 Union Street

Year	Uses	Source
2005	Camacho Louis	Hill-Donnelly Corporation
	Rogers P	Hill-Donnelly Corporation
1997	CAMACHO Louis	NYNEX
	CLARKE GELMAN Phyllis & Stanley	NYNEX
	COMANCHO Luis	NYNEX
	FORD Carolyn	NYNEX
	ROGERS P	NYNEX

FINDINGS

Year	Uses	Source
1997	SUMBLIN Joseph	NYNEX
1973	Alessandro Thomas	New York Telephone
	Coria Anthony	New York Telephone
	Giordano Anthony	New York Telephone
	Pepe Angelina	New York Telephone
1970	Berti Angelina C	New York Telephone
	Califano Michl	New York Telephone
	Sorrentino Andrew	New York Telephone
	Spagnuolo Jerry	New York Telephone
1965	Berti Angelina C	New York Telephone
	Califano Michl	New York Telephone
	Melio Alexndr J	New York Telephone
	Quadrato Paul	New York Telephone
	Sorrentino Andrew	New York Telephone
	Spagnuolo Jerry	New York Telephone
1960	Berti Angelina C	New York Telephone Company
	Califano Alfonse	New York Telephone Company
	Califano Michl	New York Telephone Company
	Quadrato Paul	New York Telephone Company
	Spagnuolo Pasquale	New York Telephone Company

580 Union Street

Year	Uses	Source
2005	Cangiano Maria	Hill-Donnelly Corporation
	Wintrob Jande	Hill-Donnelly Corporation
1997	RODRIGUEZ M	NYNEX
	ROSARIO Annette	NYNEX
1973	Charles Arlis	New York Telephone
	Cruz Miguel A	New York Telephone
1960	Corchado Bernardo	New York Telephone Company
	Hernandez Ismael	New York Telephone Company
	Perez Mario	New York Telephone Company
1949	Messina Anthony J	New York Telephone Company

FINDINGS

Year	Uses	Source
1945	Di Napoli Raphael & MD	New York Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
215 3rd Avenue	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
215 E 3RD ST	2017, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
235 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
236 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
237 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
239 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
240 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
240 3RD AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
241 3RD AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
241 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
242 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
242 3RD AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
244 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945, 1940, 1934, 1928
245 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
247 3RD AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
248 3RD AV MHN	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
250 3RD AV U	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928
250 3RD AV X st	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
250 3RD AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
250 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
251 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1965
251 3rd Avenue	2017, 2014, 2009, 2005, 2004, 1999, 1997, 1994, 1992, 1985, 1965
251 S 3RD ST	2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
252 3RD AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
252 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1940
253 3RD AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965
253 3RD AVE	2017, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
254 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980
254 3RD AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
255 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1949, 1945, 1940, 1928
255 3RD AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
256 3RD AVE	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
256 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1928
257 3 BEDFRD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
257 3RD AVE	2017, 2014, 2009, 2004, 1999, 1997, 1994, 1992, 1985, 1980, 1973, 1960, 1949, 1945, 1940
257 3RD AVE	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
258 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
259 3RD AVE	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
259 3RD AVE	2005, 2004, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
261 3RD AV R St	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
261 3RD AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
263 3 AV 1 st	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
263 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1940, 1928
263 3RD AVE	2014, 2009, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
264 3RD AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
264 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1945
266 3RD AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1928
266 3RD AVE	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
3 AV & UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
544 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
546 UNION ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
546 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1940, 1934, 1928
548 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
548 UNION ST	2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
550 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
550 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1934, 1928
552 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1945, 1940, 1934, 1928
552 UNION ST	2017, 2014, 2009, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
558 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928
562 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945, 1940, 1934, 1928
566 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
568 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
568 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
570 UNION AVE	2017, 2014, 2009, 2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
570 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
570 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
570 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
570 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
570 Union Street	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
572 UNION AVE	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
572 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
572 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
572 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
572 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
572 Union Street	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
576 UNION	2017, 2014, 2009, 2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
576 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
576 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
576 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
576 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
576 Union Street	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
578 UNION AVE	2017, 2014, 2009, 2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
578 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
578 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
578 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
578 UNION ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1949, 1945, 1940, 1934, 1928
578 Union Street	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1949, 1945, 1940, 1934, 1928
580 UNION AVE	2017, 2014, 2009, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
580 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
580 UNION ST	2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
580 UNION ST	2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
580 Union Street	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1970, 1965, 1940, 1934, 1928
585 UNION ST	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
586 Sackett Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
595 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
597 SACKETT ST	2014, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
597 Sackett Street	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1973, 1970, 1965, 1949, 1945, 1940
597 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
601 SACKETT ST	2017, 2014, 2009, 2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
601 Sackett Street	2017, 2014, 2009, 2004, 1999, 1997, 1994, 1985, 1980, 1973, 1970, 1965, 1949, 1945, 1940
607 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
607 UNION ST	2017, 2014, 2009, 2005, 2004, 2000, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
617 UNION ST	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
625 UNION ST	2014, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
625 Union Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
601 Union Street	1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940

Appendix F
Historical Aerial Photographs & Other Historical Information

601 Union Street

601 Union Street

Brooklyn, NY 11217

Inquiry Number: 7002364.8

June 01, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/01/22

Site Name:	Client Name:
601 Union Street	Athenica Env. Services Inc.
601 Union Street	45-09 Greenpoint Avenue
Brooklyn, NY 11217	Long Island City, NY 11104
EDR Inquiry # 7002364.8	Contact: Evan Greenberg

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	NAPP
1984	1"=500'	Flight Date: March 26, 1984	USDA
1980	1"=500'	Flight Date: July 25, 1980	NOAA
1974	1"=500'	Flight Date: October 19, 1974	NOAA
1971	1"=500'	Flight Date: April 15, 1971	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: February 18, 1954	USGS
1951	1"=500'	Flight Date: April 07, 1951	EDR Proprietary Aerial Viewpoint
1943	1"=500'	Flight Date: December 23, 1943	USC&GS
1940	1"=500'	Flight Date: April 06, 1940	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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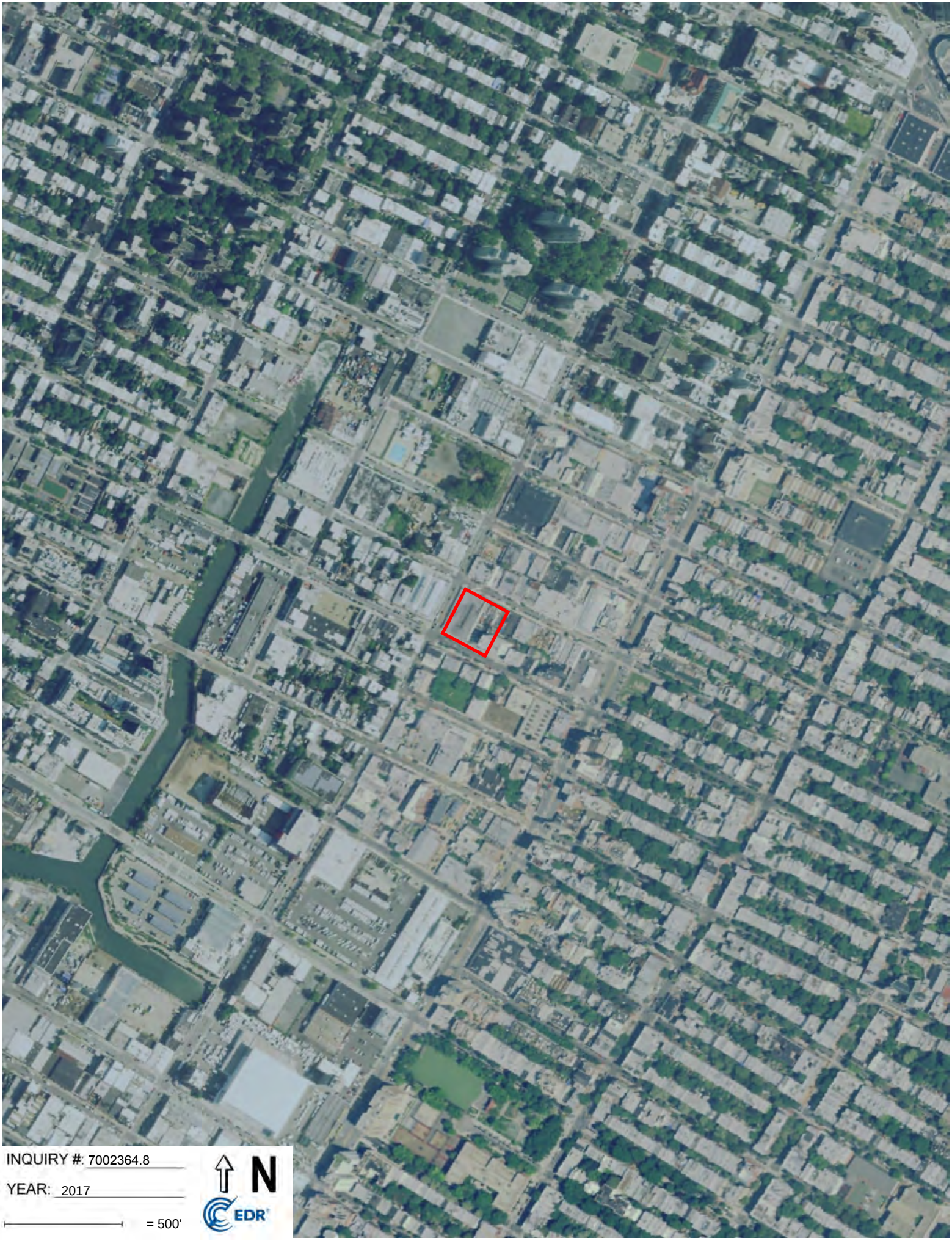
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YEAR: 2017
= 500'
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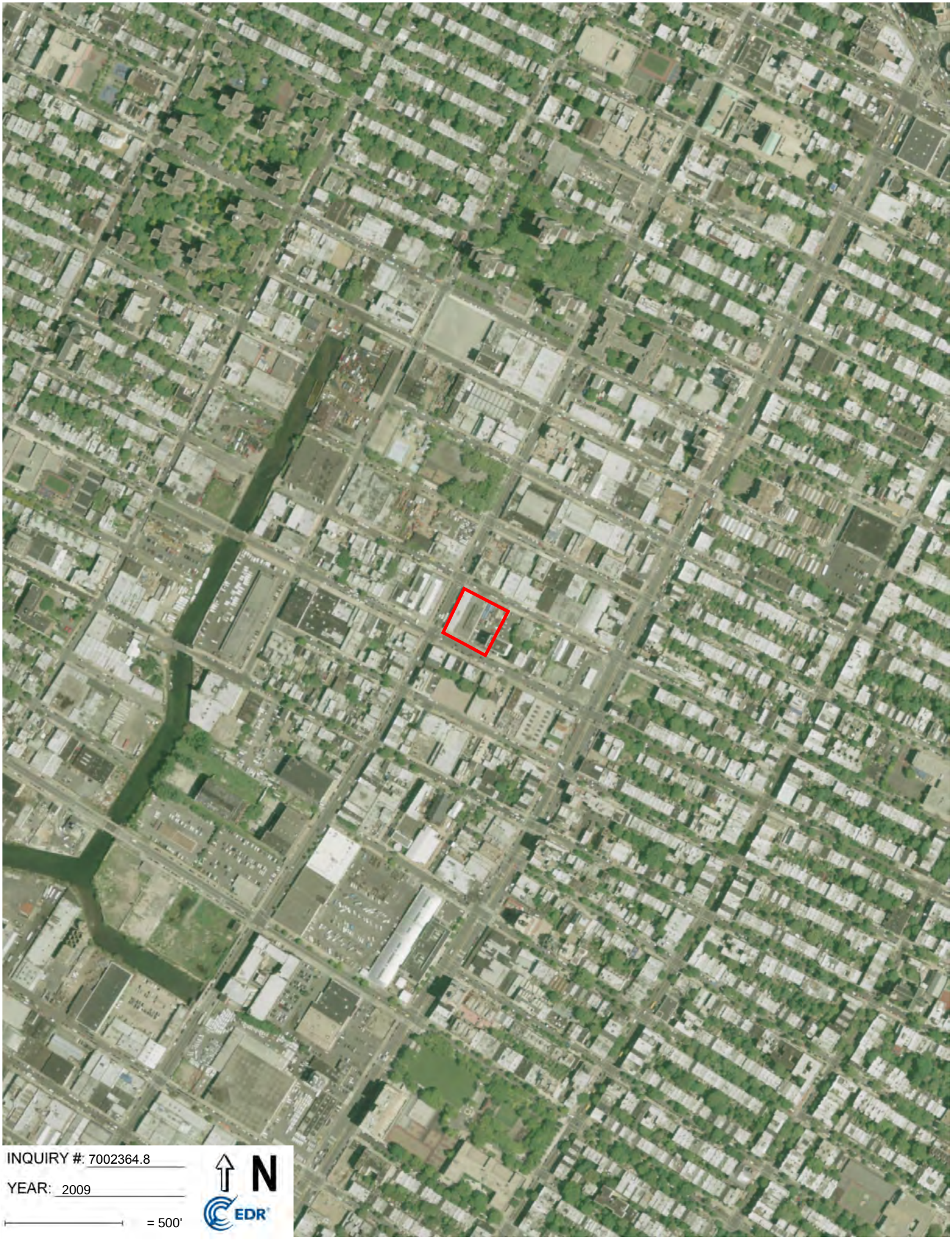
EDR

INQUIRY #: 7002364.8
YEAR: 2013
= 500'
N
EDR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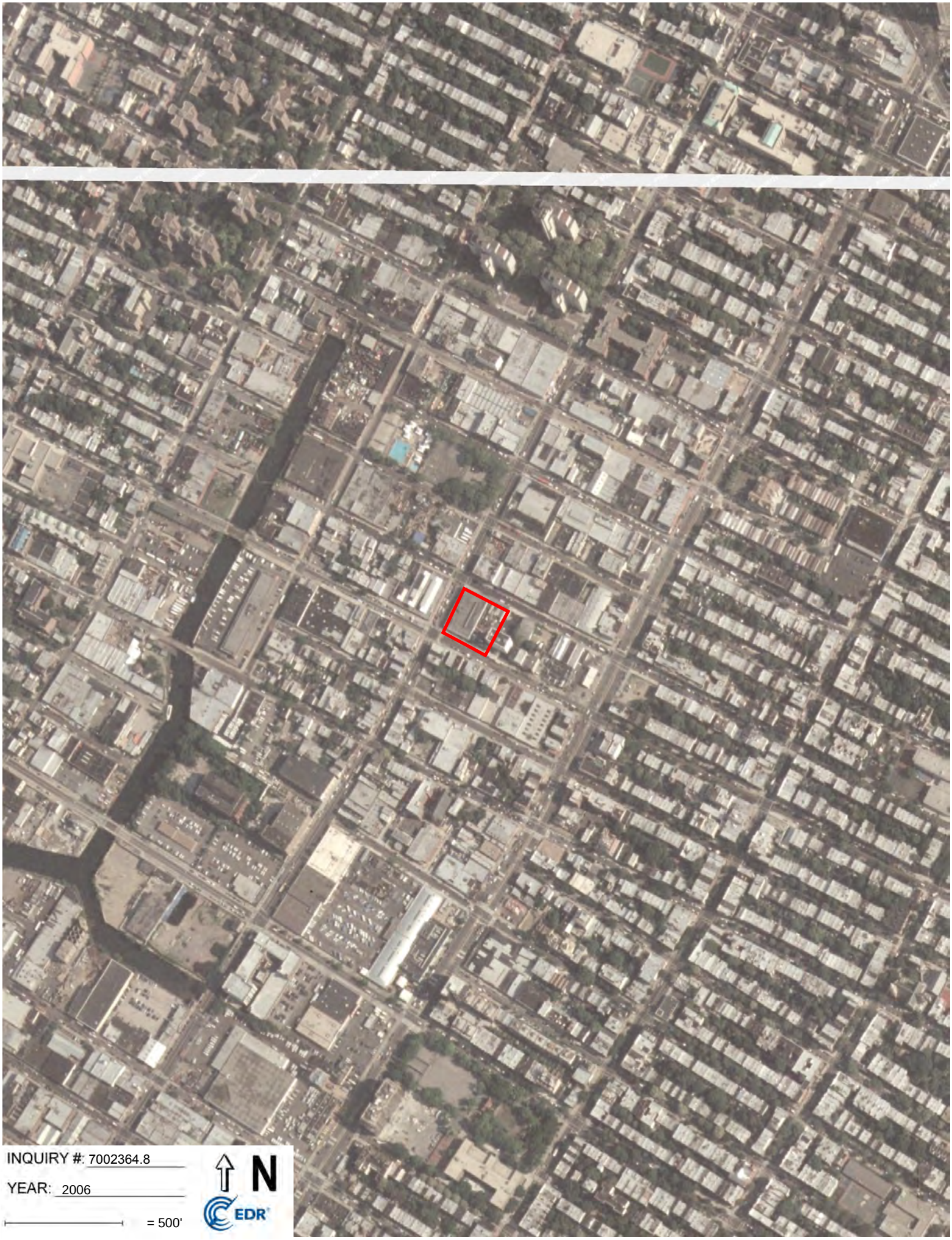
YEAR: 2009
= 500'
N
EDR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YEAR: 2006
= 500'
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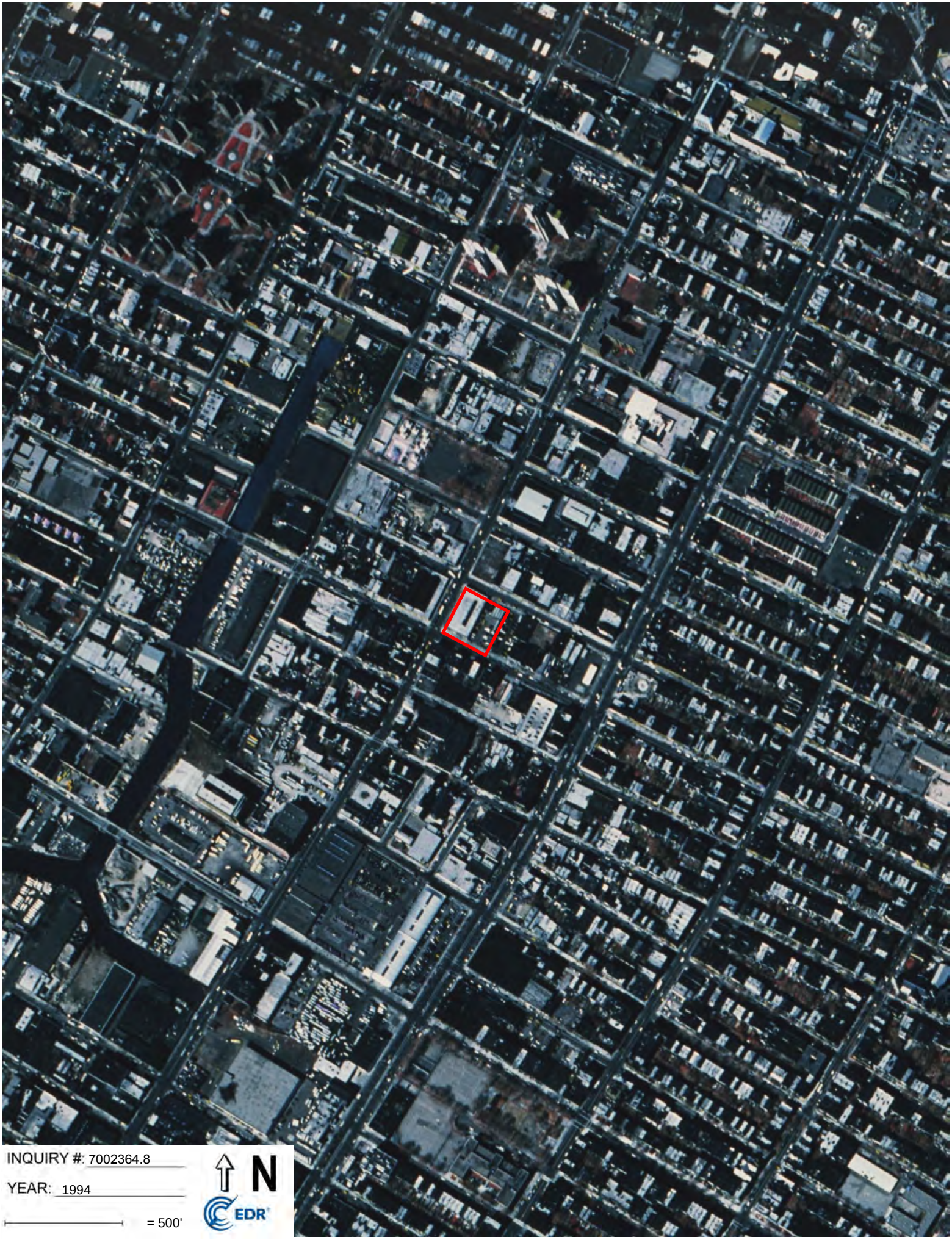
EDR


INQUIRY #: 7002364.8
YEAR: 1994
= 500'
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EDR

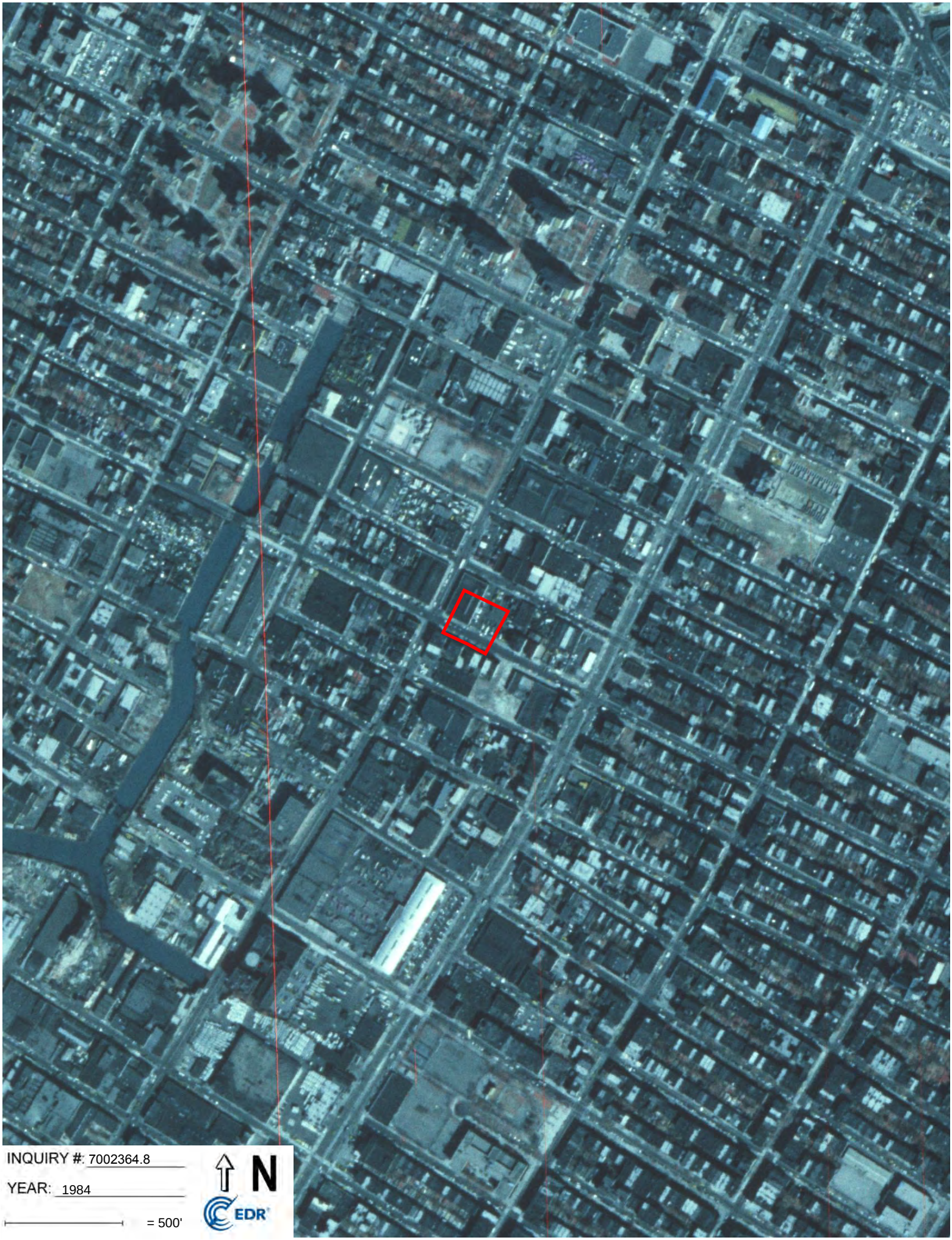
INQUIRY #: 7002364.8

YEAR: 1991

= 500'

N

EDR


INQUIRY #: 7002364.8
YEAR: 1984
= 500'
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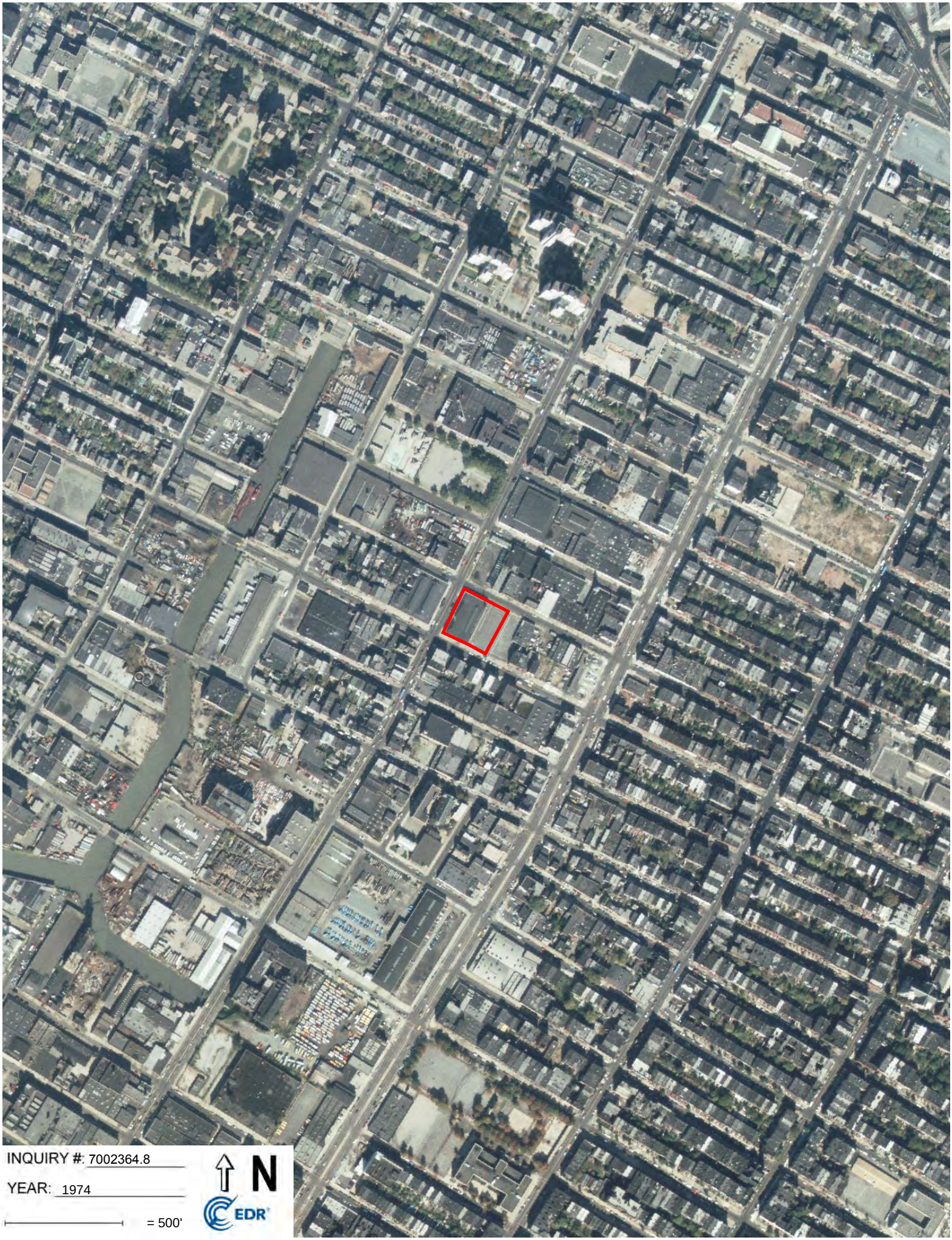
EDR

INQUIRY #: 7002364.8
YEAR: 1980
= 500'
N
EDR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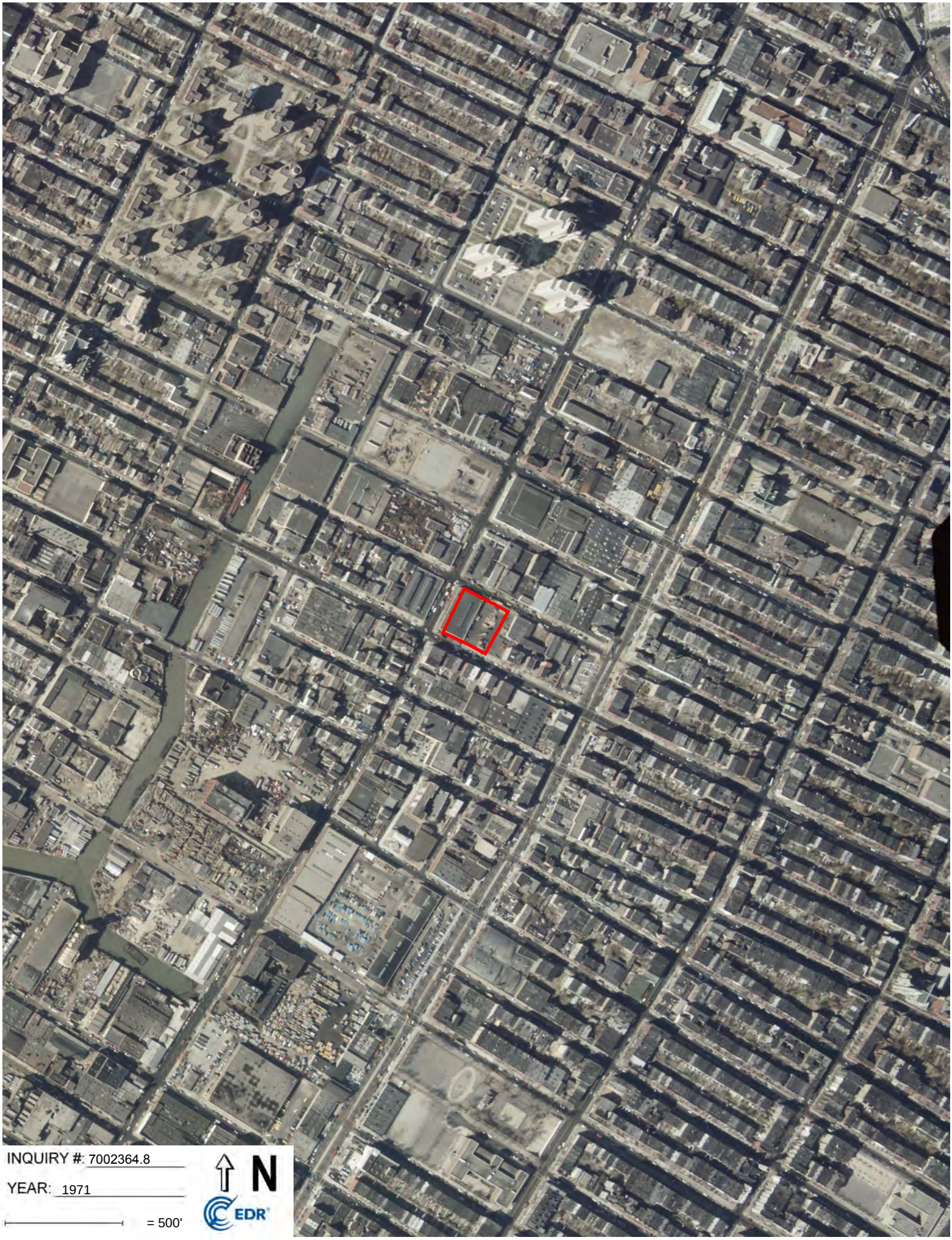
YEAR: 1974
= 500'
N
EDR


INQUIRY #: 7002364.8
YEAR: 1971
= 500'
N
EDR

INQUIRY #: 7002364.8
YEAR: 1966
= 500'
N
EDR

INQUIRY #: 7002364.8
YEAR: 1961
= 500'
N
EDR

INQUIRY #: 7002364.8
YEAR: 1954
= 500'
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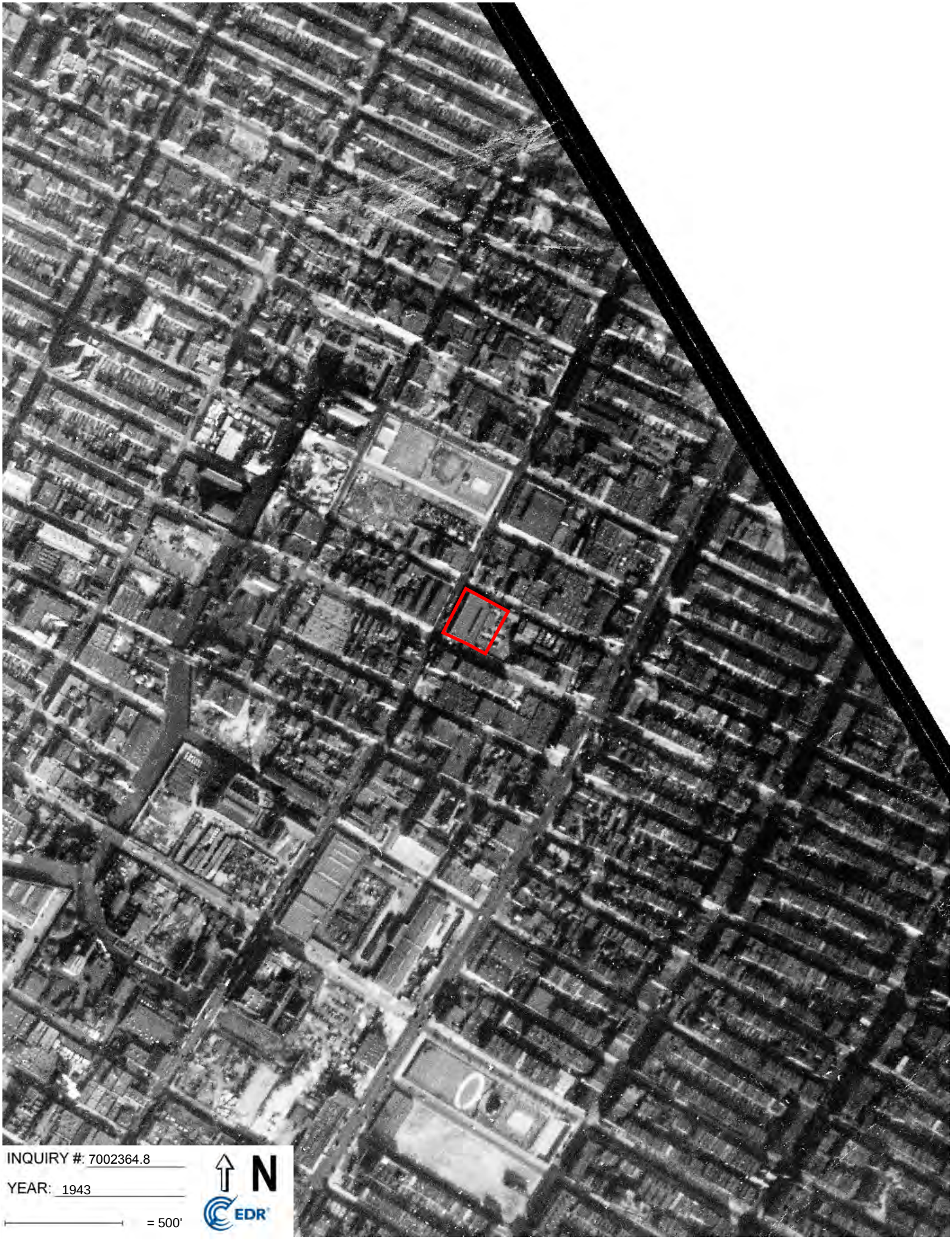
EDR

INQUIRY #: 7002364.8
YEAR: 1951
= 500'
N
EDR



INQUIRY #: 7002364.8

YEAR: 1943

= 500'

N

EDR

INQUIRY #: 7002364.8

YEAR: 1940

= 500'

N

EDR

INQUIRY #: 7002364.8
YEAR: 1924
= 500'
N
EDR

601 Union Street

601 Union Street

Brooklyn, NY 11217

Inquiry Number: 7002364.4

June 01, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/01/22

Site Name:	Client Name:
601 Union Street	Athenica Env. Services Inc.
601 Union Street	45-09 Greenpoint Avenue
Brooklyn, NY 11217	Long Island City, NY 11104
EDR Inquiry # 7002364.4	Contact: Evan Greenberg

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Athenica Env. Services Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 601 Union Street

Coordinates:

Latitude:	40.678554 40° 40' 43" North
Longitude:	-73.98492 -73° 59' 6" West
UTM Zone:	Zone 18 North
UTM X Meters:	585783.87
UTM Y Meters:	4503569.84
Elevation:	18.00' above sea level

Maps Provided:

2019	1900
2016	1898
2014, 2013	1897
1995	
1979, 1981	
1967	
1955, 1956	
1947	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2019 Source Sheets

Brooklyn
2019
7.5-minute, 24000

Jersey City
2019
7.5-minute, 24000

2016 Source Sheets

Brooklyn
2016
7.5-minute, 24000

Jersey City
2016
7.5-minute, 24000

2014, 2013 Source Sheets

Jersey City
2014
7.5-minute, 24000

Brooklyn
2013
7.5-minute, 24000

1995 Source Sheets

Brooklyn
1995
7.5-minute, 24000
Aerial Photo Revised 1977

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1979, 1981 Source Sheets

Brooklyn
1979
7.5-minute, 24000
Aerial Photo Revised 1977

Jersey City
1981
7.5-minute, 24000
Aerial Photo Revised 1976

1967 Source Sheets

Brooklyn
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Jersey City
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1955, 1956 Source Sheets

Jersey City
1955
7.5-minute, 24000
Aerial Photo Revised 1954

Brooklyn
1956
7.5-minute, 24000

1947 Source Sheets

Brooklyn
1947
7.5-minute, 24000
Aerial Photo Revised 1940

Jersey City
1947
7.5-minute, 24000
Aerial Photo Revised 1940

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1900 Source Sheets

Brooklyn
1900
15-minute, 62500

Staten Island
1900
15-minute, 62500

1898 Source Sheets

Brooklyn
1898
15-minute, 62500

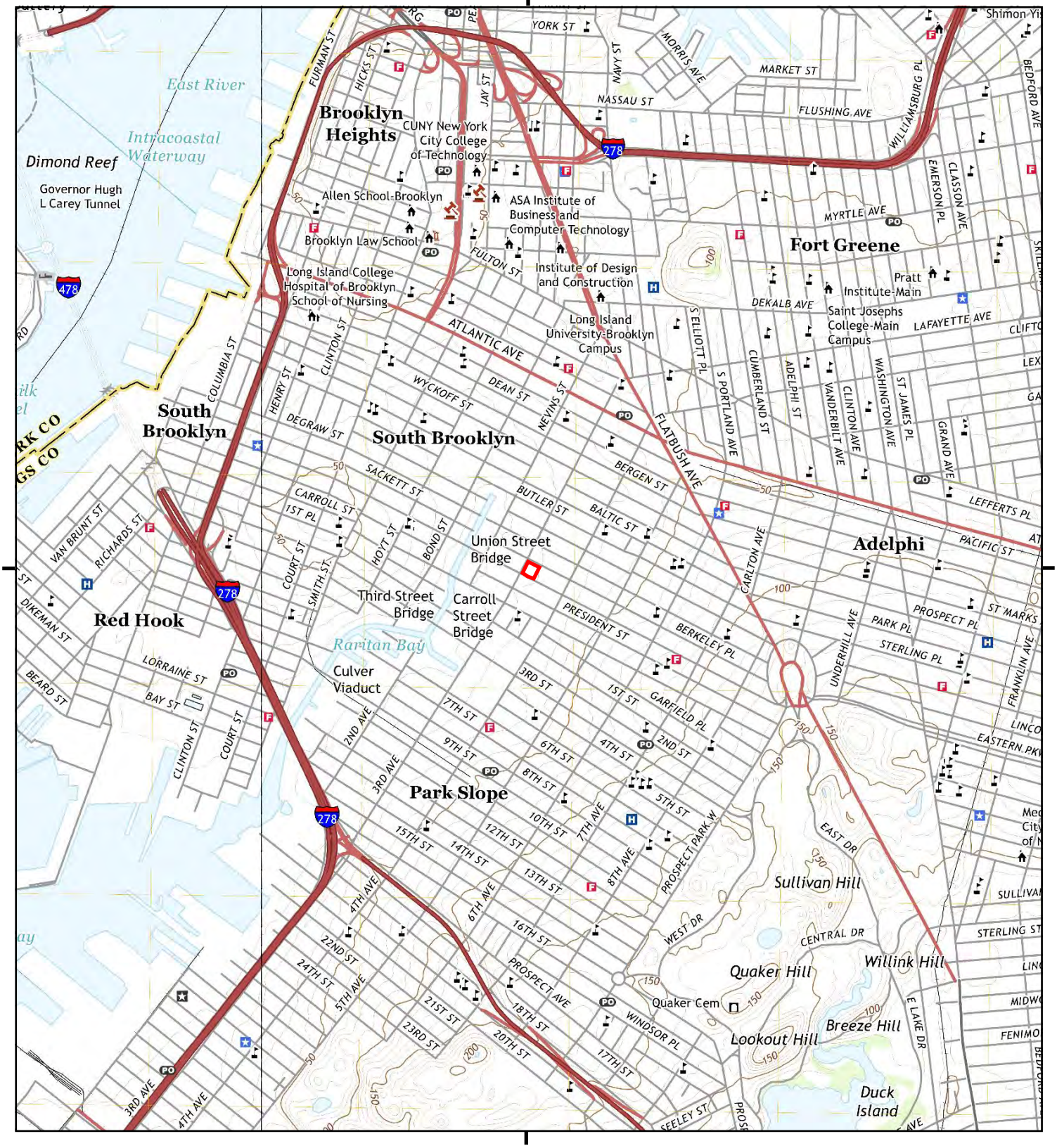
Staten Island
1898
15-minute, 62500

1897 Source Sheets

Brooklyn
1897
15-minute, 62500

Historical Topo Map

2019



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

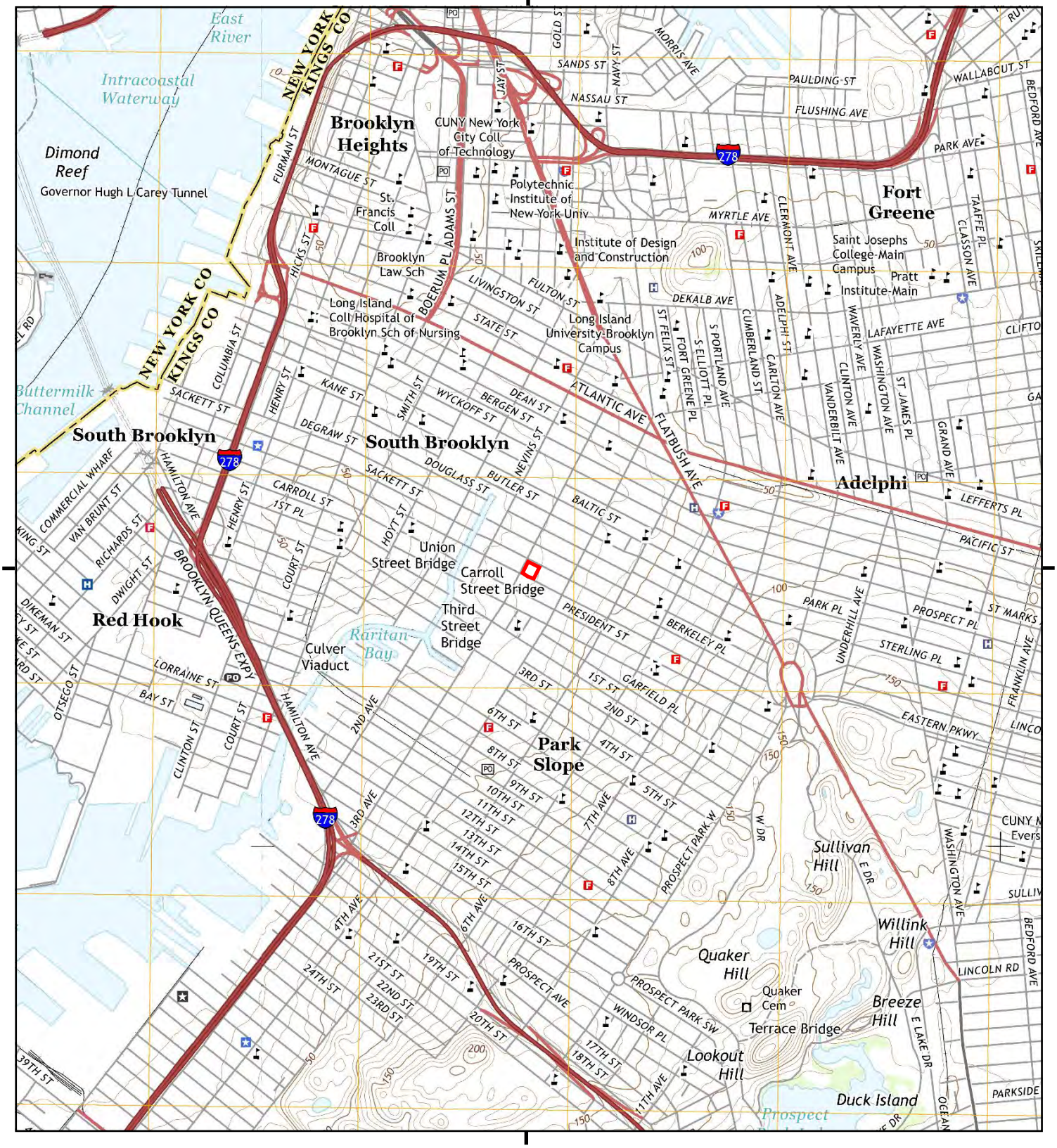
TP, Brooklyn, 2019, 7.5-minute
W, Jersey City, 2019, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

Historical Topo Map

2016



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

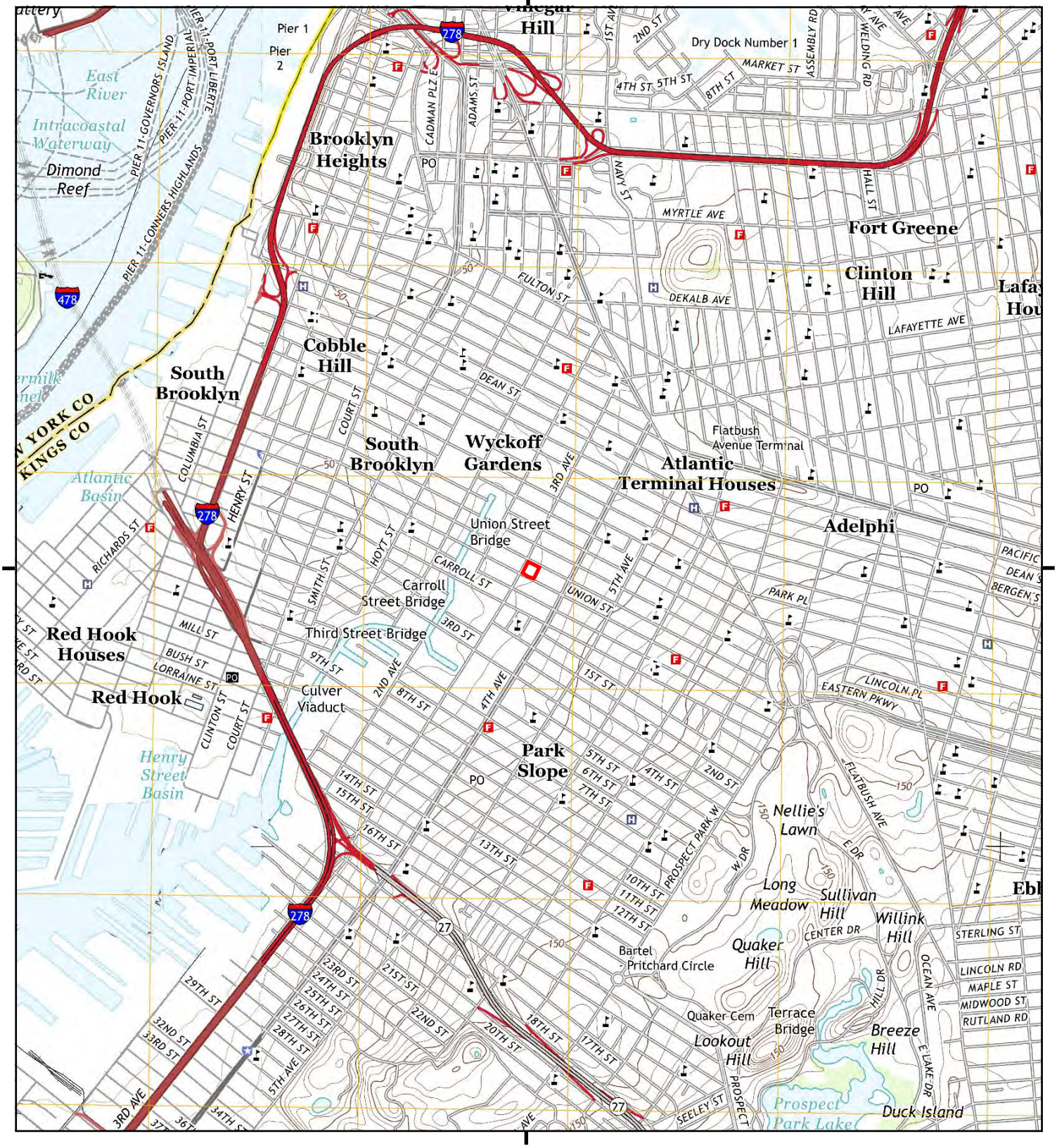
TP, Brooklyn, 2016, 7.5-minute
W, Jersey City, 2016, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

Historical Topo Map

2014, 2013



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W E
SW S SE

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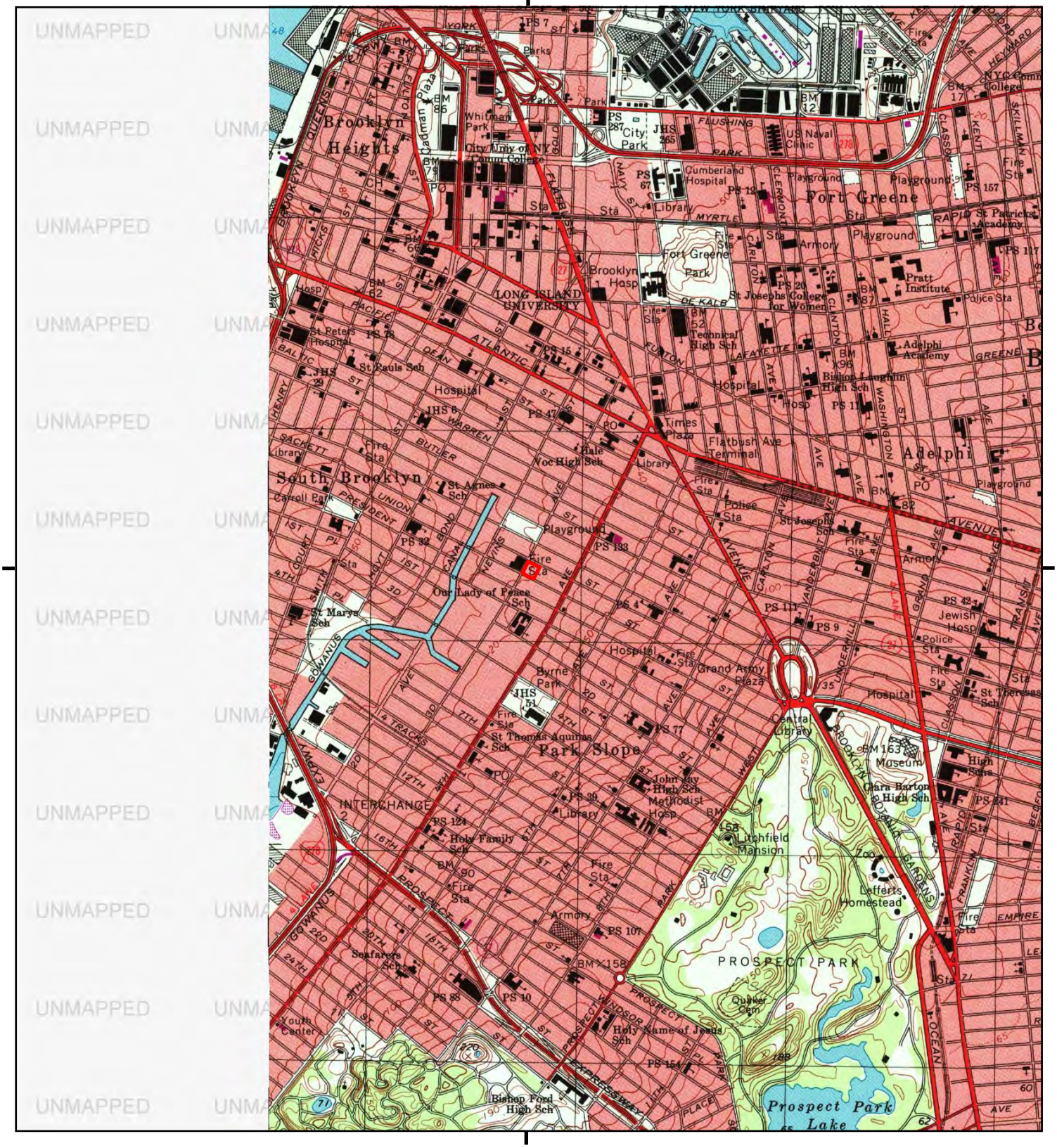
W, Jersey City, 2014, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

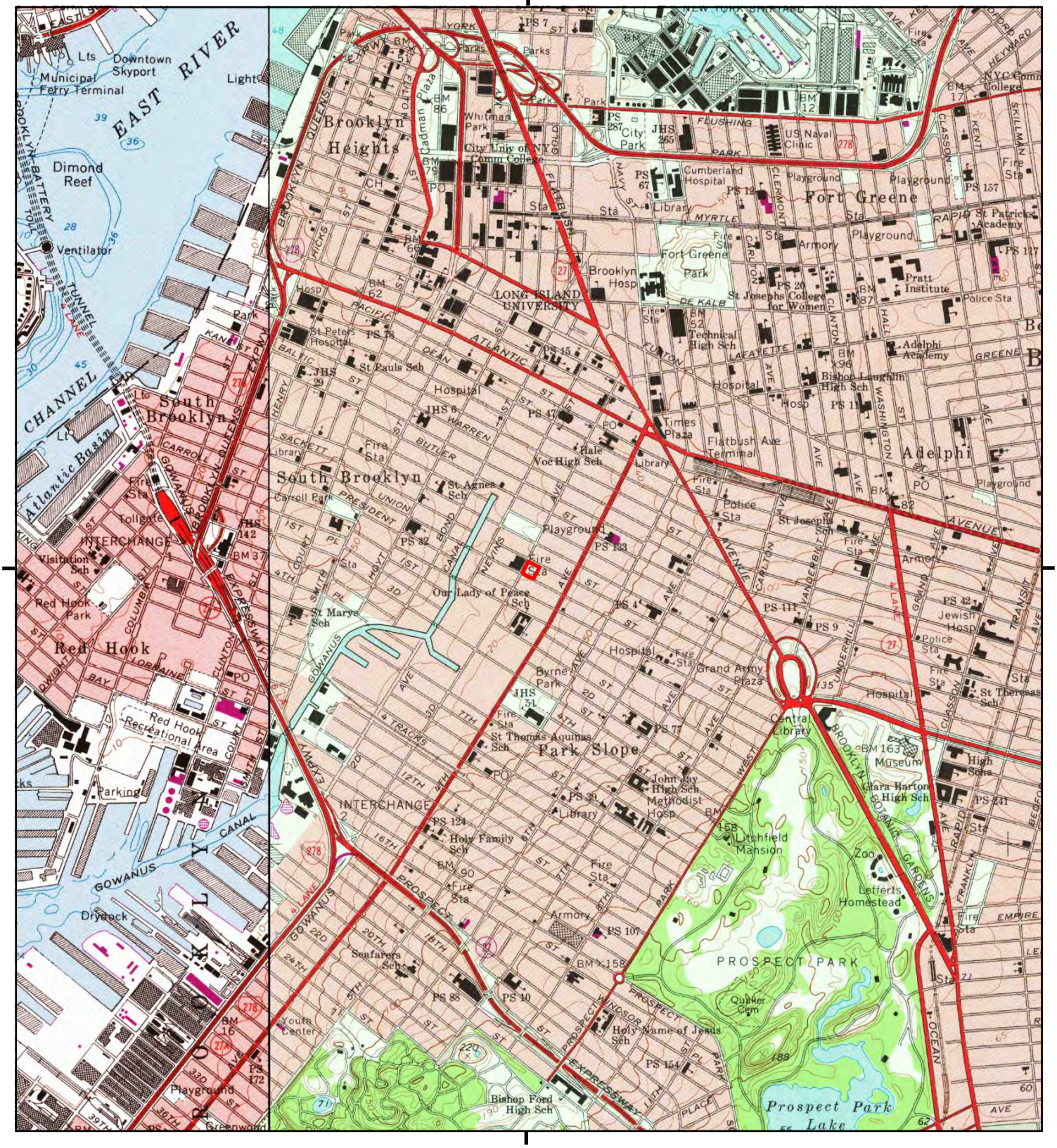
TP, Brooklyn, 1995, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

Historical Topo Map

1979, 1981



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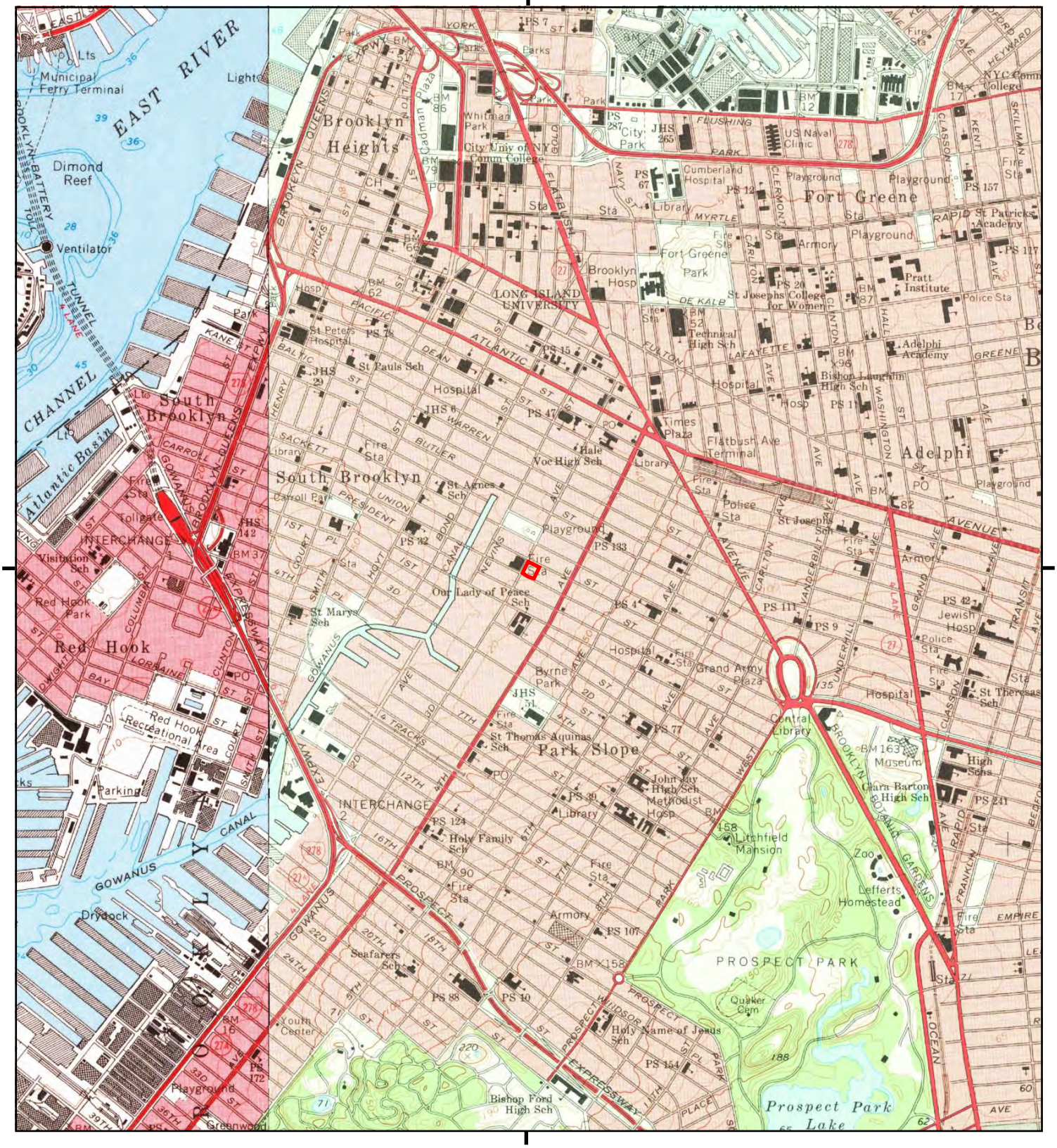
NW N NE
W E
SW S SE

TP, Brooklyn, 1979, 7.5-minute
W, Jersey City, 1981, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N



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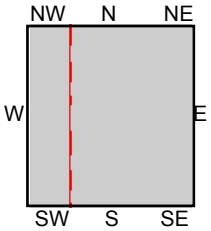


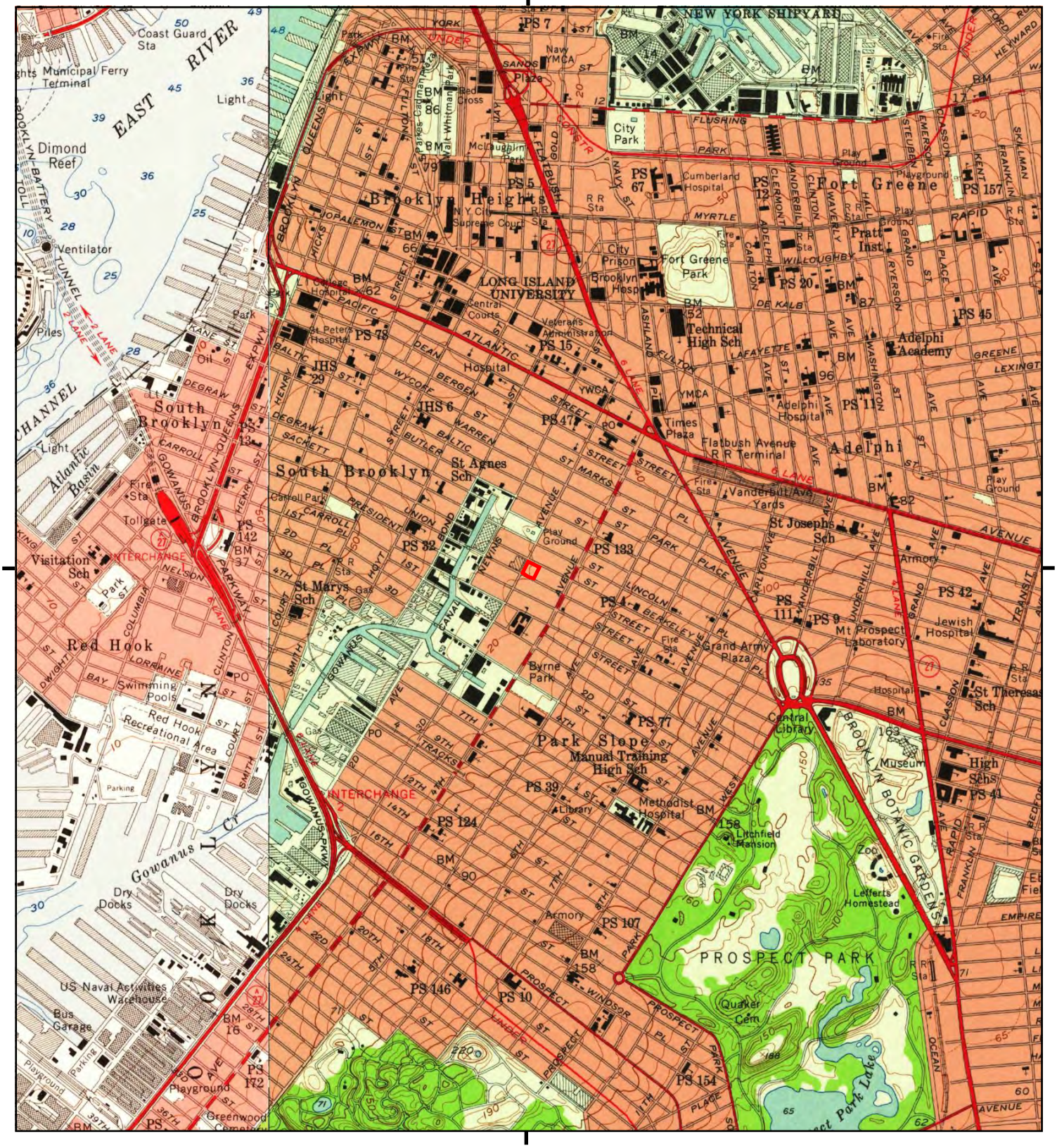
TP, Brooklyn, 1967, 7.5-minute
W, Jersey City, 1967, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

Historical Topo Map

1955, 1956



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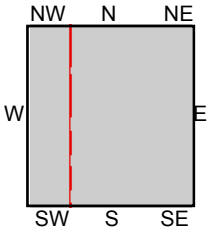

TP, Brooklyn, 1956, 7.5-minute
W, Jersey City, 1955, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

This report includes information from the following map sheet(s).

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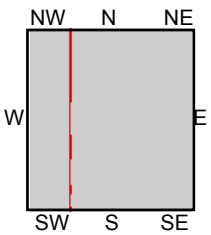


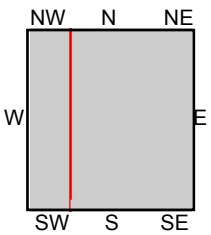
TP, Brooklyn, 1947, 7.5-minute
W, Jersey City, 1947, 7.5-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Brooklyn, 1900, 15-minute
SW, Staten Island, 1900, 15-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

This report includes information from the following map sheet(s).

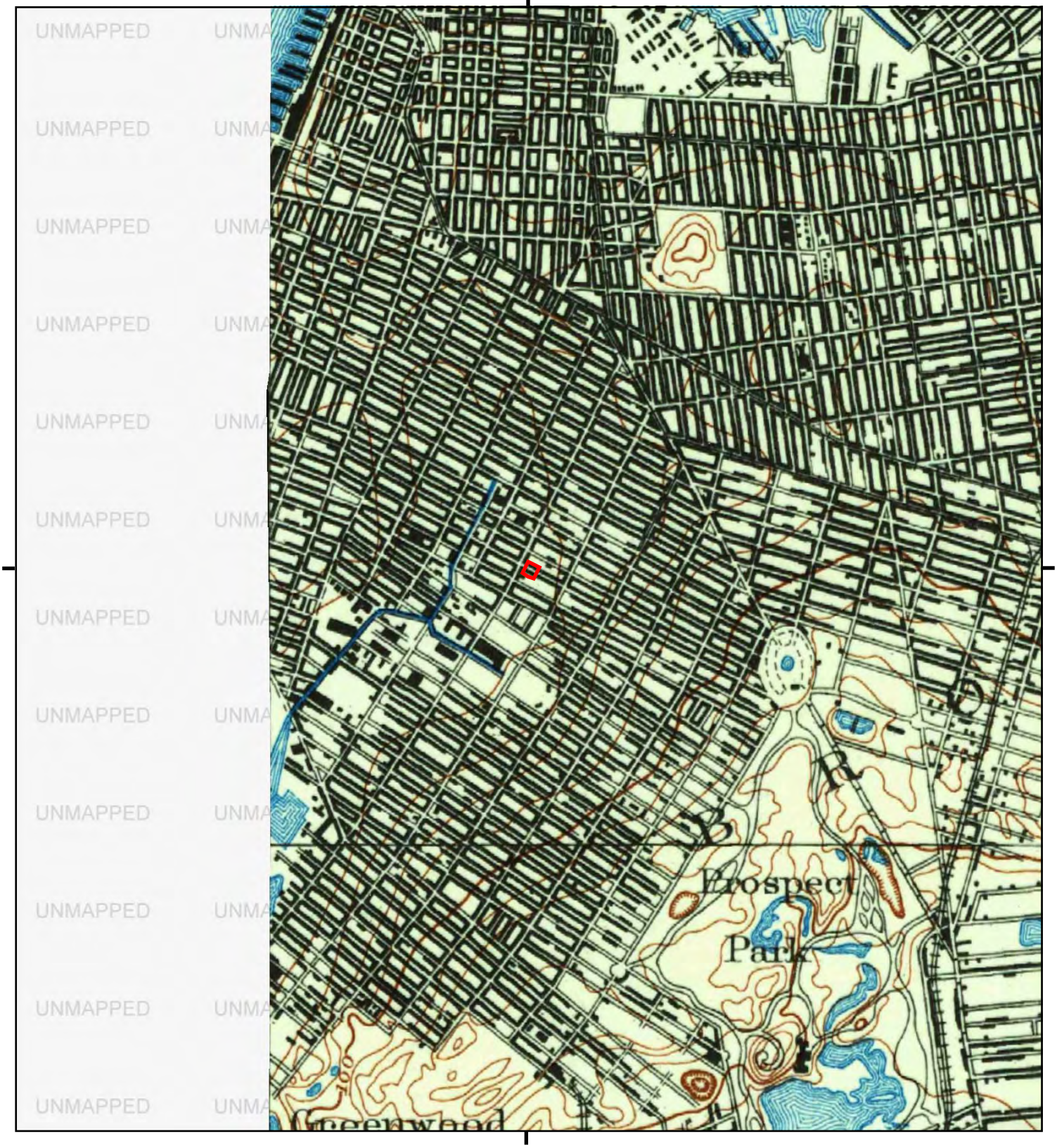
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1898, 15-minute
SW, Staten Island, 1898, 15-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

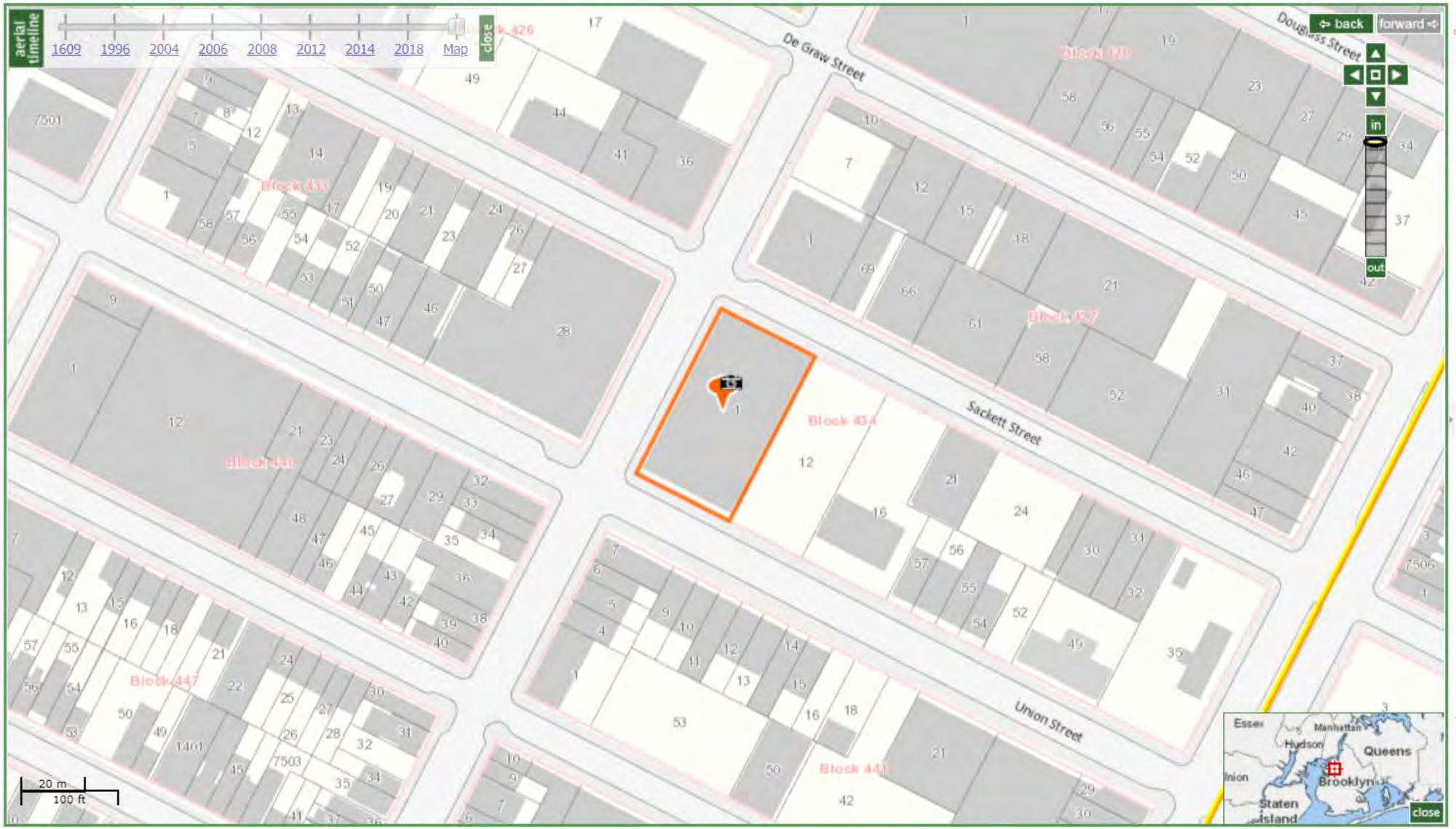
NW N NE
W E
SW S SE

TP, Brooklyn, 1897, 15-minute

SITE NAME: 601 Union Street
ADDRESS: 601 Union Street
Brooklyn, NY 11217
CLIENT: Athenica Env. Services Inc.

N

Appendix G
Local Records



Legend | **Location Report (8)** | Site Search | Community Data

Property Information (1)

601 UNION STREET, BROOKLYN 11217

Alternate address from NYC Dept of City Planning:
231 3 AVENUE
Parking
Owner: 601 UNION STREET RLTY
Block: 434 **Lot:** 1
Property Characteristics:
Lot Area: 21,055 sq ft (190' x 110.83')
# of Buildings: 1 **Year built:** 1950
Building frontage: 190' (Building frontage along the street measured in feet.)
# of floors: 2 **Building Area:** 22,699 sq ft
Total Units: 1 **Residential Units:** 0
Primary zoning: M1-2 **Commercial Overlay:** None
Floor Area Ratio: 1.08
Max. Allowable Residential FAR: 0
Max. Allowable Commercial FAR: 2
Max. Allowable Facility FAR: 4.8
The Maximum Allowable Floor Area Ratios are exclusive of bonuses for plazas, plaza-connected open areas, arcades or other amenities.
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.

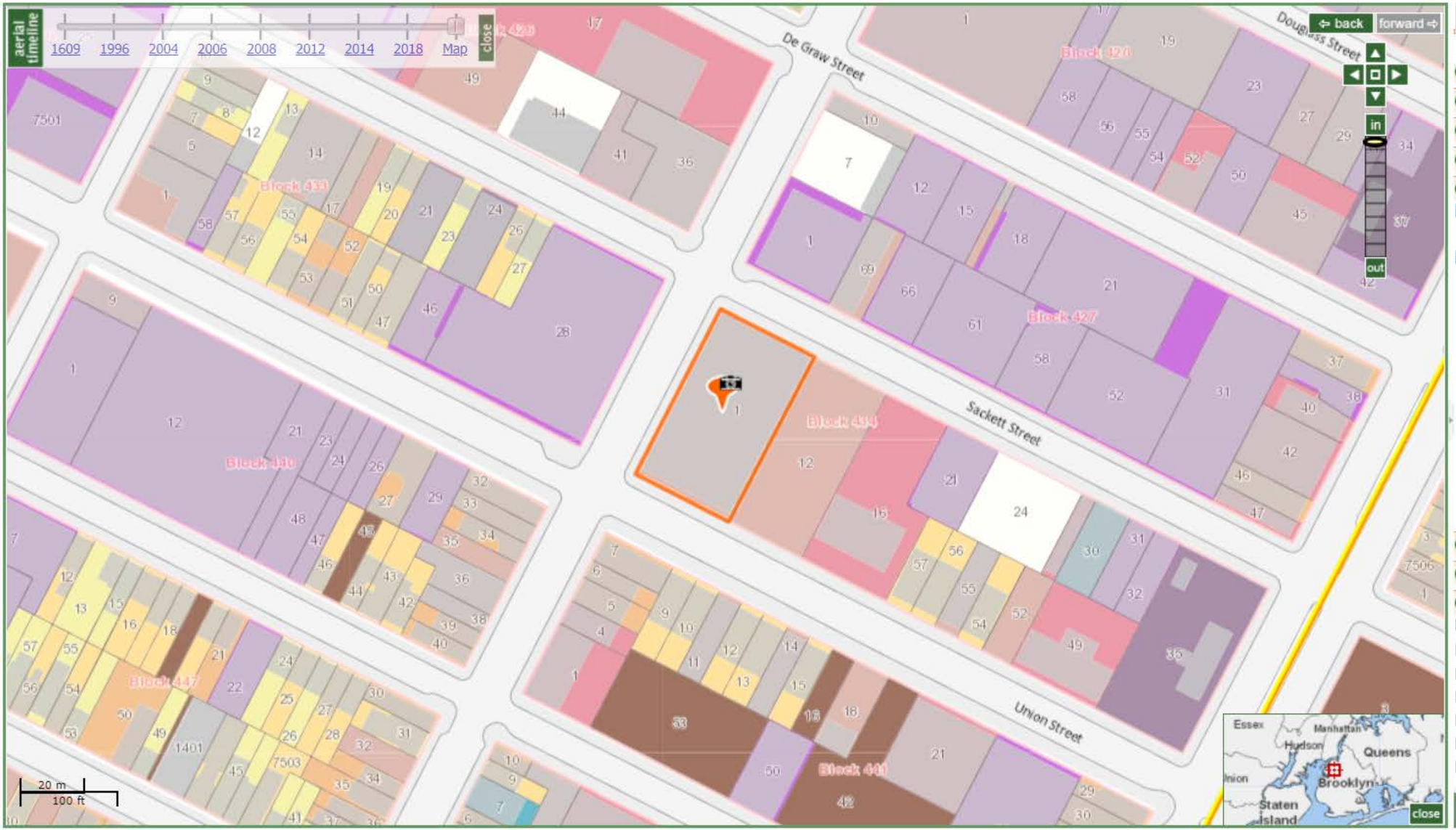
MORE INFO:

- **Zoning Map #:** 16c (how to read NYC zoning maps)
- **Historical Zoning Maps:** 16c
- NYC Dept. of Buildings
- Property transaction records (**NB:** buildings w/condos may not show transaction results)
- NYC Dept. of Finance Assessment Roll
- NYC HPD data
- NYC Planning's ZoLa application
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/map.aspx?zoomto=lot:3004340001
Source: MapPLUTO Tax Block & Tax Lot files from the New York City Department of City Planning, 2018 (ver. 18v1).

Stewards (1)

Updated stewardship data coming soon (as of 2017).
NB: Stewards are civic groups that help take care of New York, not necessarily property owners.



Legend | Location Report (8) | Site Search | Community Data

layer label Turn map layers on & off by clicking in the checkboxes

Environmental Characteristics Show All Hide All

Environmental Impact/Cleanup Show All Hide All

Zoning & Landmarks Show All Hide All

Food Systems Show All Hide All

Land Use Show All Hide All

- Block/Lot Boundaries (Building footprints in gray)
- Land Use
  - All land use categories

2003 2005 2007 2009 2014 2018

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

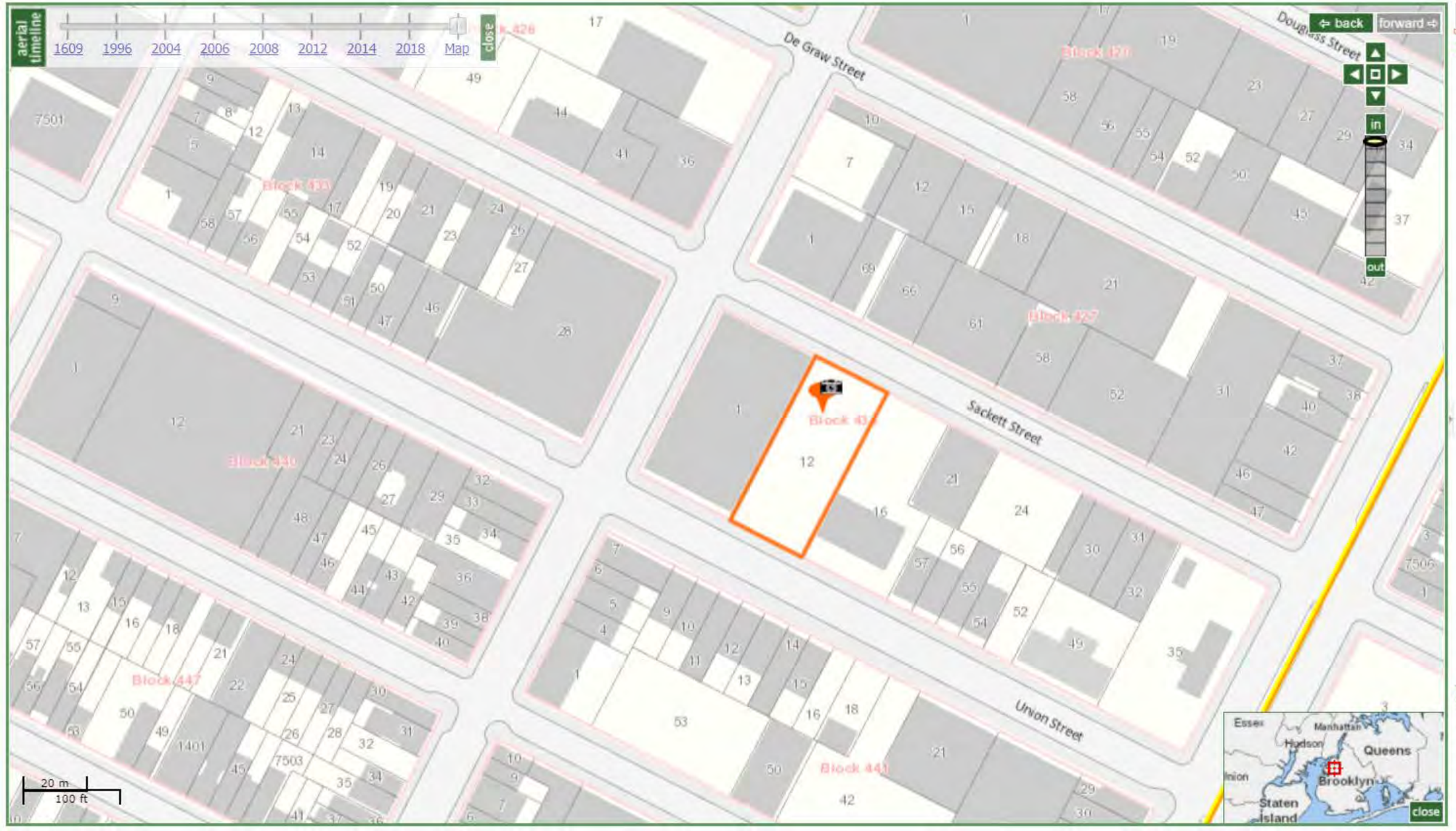
Social Services, Education, Housing Show All Hide All

Historical Land Use Show All Hide All

Boundaries Show All Hide All

- 5 Community Districts
- 10 City Council Districts
- 40 State Assembly (NYC)
- 10 State Senate (NYC)
- 10 NJ state legislative districts
- 10 Congressional districts
- 10013 ZIP Codes

Transparency Control



Legend | **Location Report (8)** | Site Search | Community Data

Property Information (1)

SACKETT STREET, BROOKLYN 11215

Parking

Owner: 607 UNION ST RLTY ASS
Block: 434 **Lot:** 12
Property Characteristics:
Lot Area: 16,498 sq ft (86.83' x 190')
# of Buildings: 1 **Year built:** 0
Building frontage: 0' (Building frontage along the street measured in feet.)
# of floors: 0 **Building Area:** 0 sq ft
Total Units: 0 **Residential Units:** 0
Primary zoning: M1-2 **Commercial Overlay:** None
Floor Area Ratio: 0
Max. Allowable Residential FAR: 0
Max. Allowable Commercial FAR: 2
Max. Allowable Facility FAR: 4.8
The Maximum Allowable Floor Area Ratios are exclusive of bonuses for plazas, plaza-connected open areas, arcades or other amenities.
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.

MORE INFO:

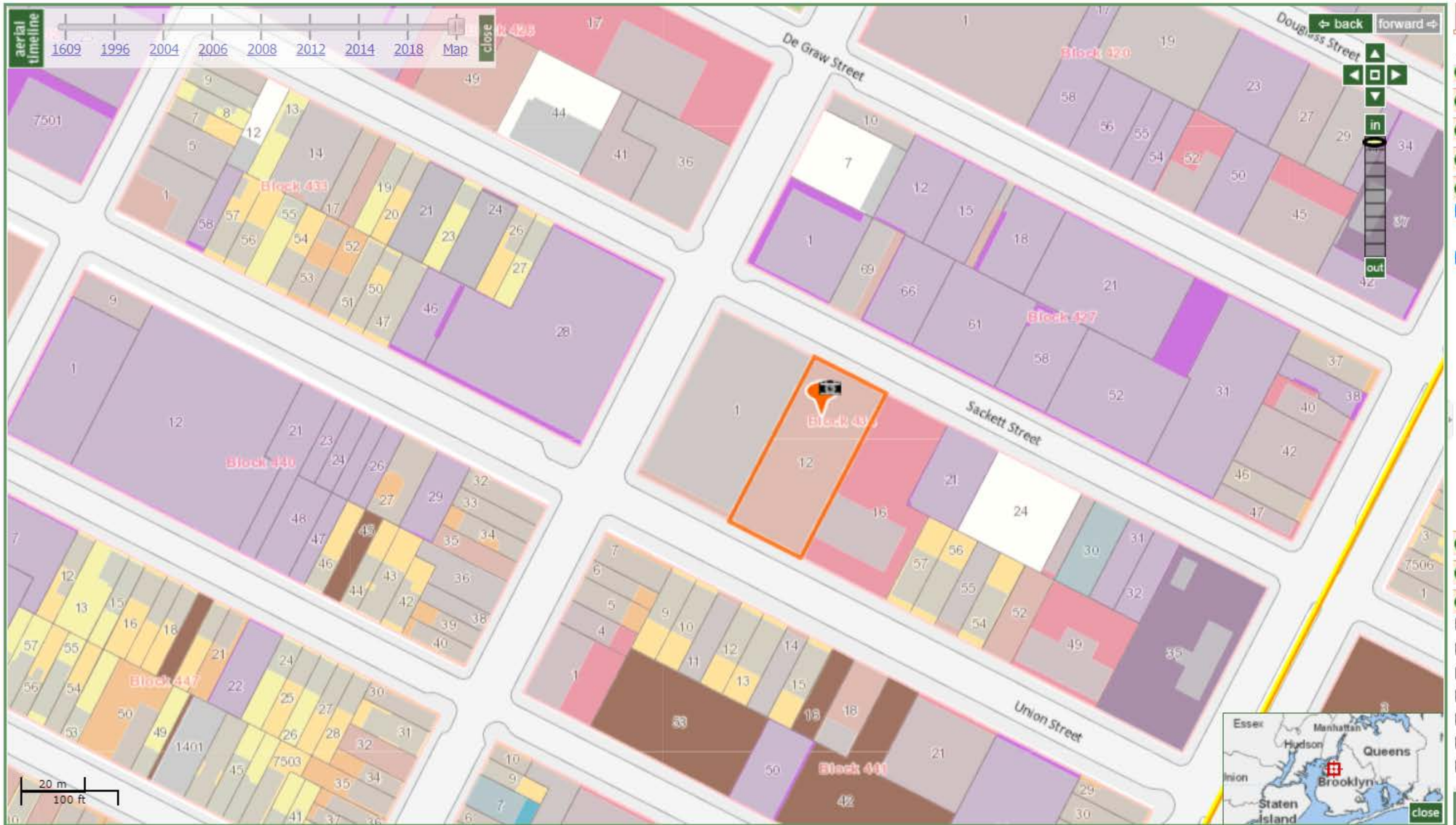
- **Zoning Map #:** 16c (how to read NYC zoning maps)
- **Historical Zoning Maps:** 16c
- NYC Dept. of Buildings
- Property transaction records (**NB:** buildings w/condos may not show transaction results)
- NYC Dept. of Finance Assessment Roll
- NYC HPD data
- NYC Planning's ZoLa application
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/map.aspx?zoomto=lot:3004340012
Source: MapPLUTO Tax Block & Tax Lot files from the New York City Department of City Planning, 2018 (ver. 18v1).

Stewards (1)

Updated stewardship data coming soon (as of 2017).
NB: Stewards are civic groups that help take care of New York, not necessarily property owners.

Spoke the Hub Dancing, Inc
Feedback? Email Us.



Legend | Location Report (8) | Site Search | Community Data

layer label Turn map layers on & off by clicking in the checkboxes

Environmental Characteristics Show All Hide All

Environmental Impact/Cleanup Show All Hide All

Zoning & Landmarks Show All Hide All

Food Systems Show All Hide All

Land Use Show All Hide All

- Block/Lot Boundaries (Building footprints in gray)
- Land Use
  - All land use categories
  - 2003 2005 2007 2009 2014 2018
  - 1 & 2 Family Residential
  - Multi-family Residential
  - Mixed Use
  - Open space & outdoor recreation
  - Commercial
  - Institutions
  - Industrial
  - Parking
  - Transportation / Utilities
  - Vacant Lots

Social Services, Education, Housing Show All Hide All

Historical Land Use Show All Hide All

Boundaries Show All Hide All

- 5 Community Districts
- 10 City Council Districts
- 40 State Assembly (NYC)
- 10 State Senate (NYC)
- 10 NJ state legislative districts
- 10 Congressional districts
- 10013 ZIP Codes

Transparency Control

DOF - Digital Tax Map

Search for a Location

Searched Locations

BROOKLYN Block: 434 Lot: 12

Show Additional Information...

BROOKLYN Block: 434 Lot: 1

Show Additional Information...

Map Type | Advanced

Show Additional Data on Map

Legend

Overview Map

Search...

BBL Lookup

- C2-1 through C2-5
- Zoning Map Amendments
- Pending Zoning Map Amendments
- Special Purpose Districts
- Special Purpose Subdistricts

Supporting Zoning Layers 1

- Mandatory Inclusionary Housing Areas
- Inclusionary Housing Designated Areas
- Transit Zones
- FRESH Zones
- Sidewalk Cafes
- Limited Height Districts
- Lower Density Growth Management Areas
- Coastal Zone Boundary
- Waterfront Access Plan
- Historic Districts
- Landmarks
- Effective Flood Insurance Rate Maps 2007
- Preliminary Flood Insurance Rate Maps 2015
- Environmental Designations
- Environmental Designations
- Appendix J Designated M Districts

Other Supporting Layers

- Business Improvement Districts
- Industrial Business Zones

TAX LOT | BBL 3004340001

231 3 AVENUE, 11217

Brooklyn (Borough 3) Block 434 Lot 1

Zoning Districts: M1-4/R7A

INTERSECTING MAP LAYERS:

- Transit Zone
- FRESH Zone
- Coastal Zone

ZONING DETAILS:

- Digital Tax Map
- Zoning Map: 16c (PDF)
- Historical Zoning Maps (PDF)

Owner	Show Owner
Land Use	Parking Facilities
Lot Area	21,055 sq ft
Lot Frontage	190 ft
Lot Depth	110.83 ft
Year Built	1950
Building Class	All Parking Garages (G1)
Number of Buildings	1
Number of Floors	2
Gross Floor Area	22,699 sq ft
Total # of Units	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Neighborhood Information

Community District	Brooklyn Community District 6
City Council District	Council District 39
School District	13
Police Precinct	78
Fire Company	E226
Sanitation Borough	3
Sanitation District	06
Sanitation Subsection	3C

Cyclomedia Street View

Search...

BBL Lookup

- C2-1 through C2-5
- Zoning Map Amendments
- Pending Zoning Map Amendments
- Special Purpose Districts
- Special Purpose Subdistricts

Supporting Zoning Layers 1

- Mandatory Inclusionary Housing Areas
- Inclusionary Housing Designated Areas
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- Landmarks
- Effective Flood Insurance Rate Maps 2007
- Preliminary Flood Insurance Rate Maps 2015
- Environmental Designations
- Environmental Designations
- Appendix J Designated M Districts

Other Supporting Layers

- Business Improvement Districts
- Industrial Business Zones

TAX LOT | BBL 3004340012

SACKETT STREET, 11215

Brooklyn (Borough 3) | Block 434 | Lot 12

Zoning Districts: M1-4/R7A M1-4

INTERSECTING MAP LAYERS :

ZONING DETAILS:

- Digital Tax Map
- Zoning Map: 16c (PDF)
- Historical Zoning Maps (PDF)

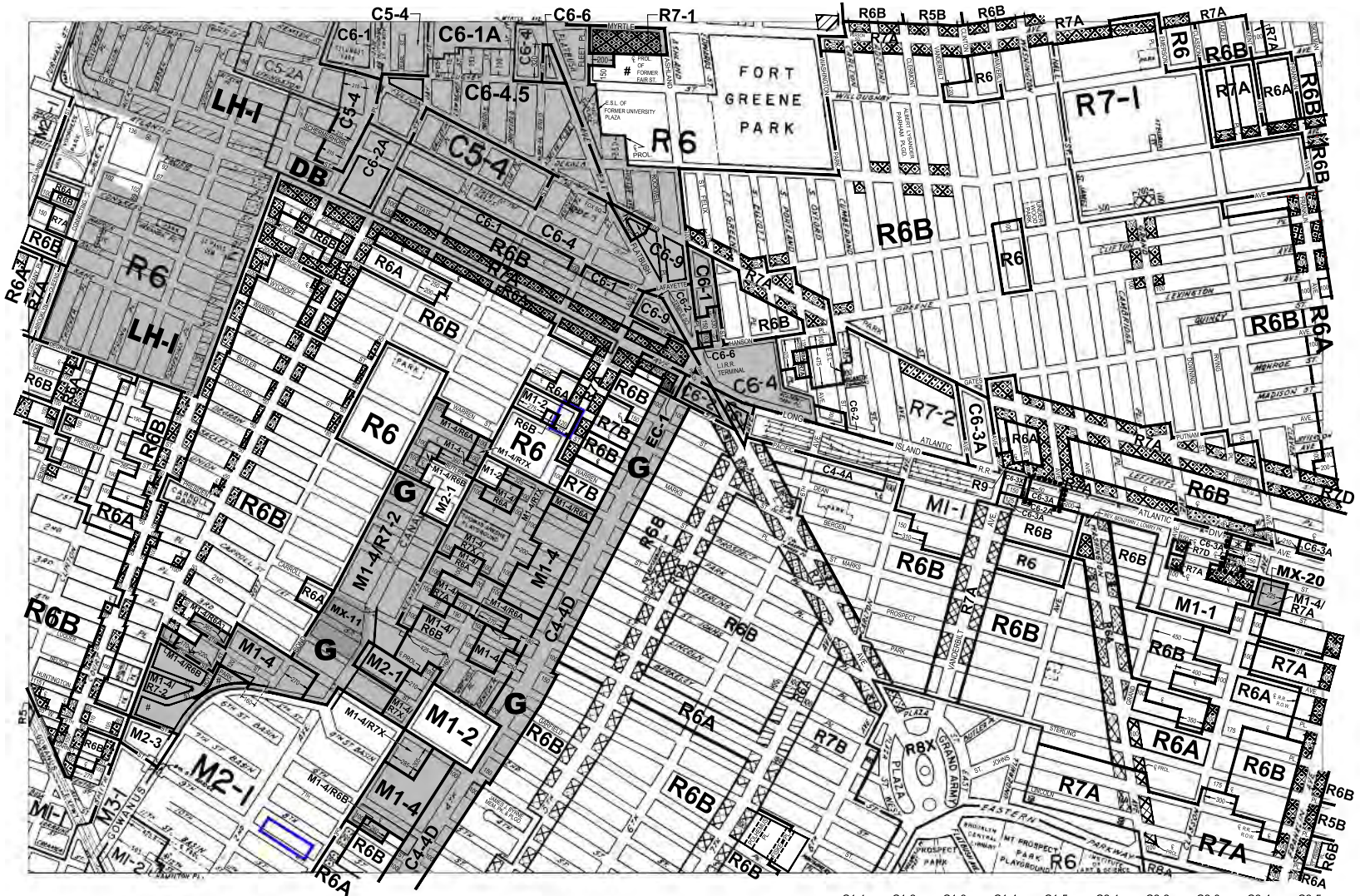
Owner	Show Owner
Land Use	Parking Facilities
Lot Area	16,498 sq ft
Lot Frontage	86.83 ft
Lot Depth	190 ft
Year Built	0
Building Class	Unlicensed Parking Lot (G7)
Number of Buildings	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Neighborhood Information

Community District	Brooklyn Community District 6
City Council District	Council District 39
School District	13
Police Precinct	78
Fire Company	E226
Sanitation Borough	3
Sanitation District	06
Sanitation Subsection	3C

Cyclomedia Street View

Click blue outline on map to view diagram of **proposed** zoning change



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

*04-28-2022 C 210386 ZMK
04-28-2022 C 210335 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

MAP KEY

12b	12d	13b
16a	**16c**	17a
16b	16d	17b

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ZONING MAP **16c**

600 0 600 1200 1800 FEET

NOTE: STREETS FOR STREET MAP CHANGES (C 030514 MMK - C 030516 MMK AND C 210179 MMK - C 210180 MMK) ARE SHOWN ON THIS MAP PRIOR TO BECOMING EFFECTIVE IN ORDER TO LOCATE ZONING DISTRICT BOUNDARIES.

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

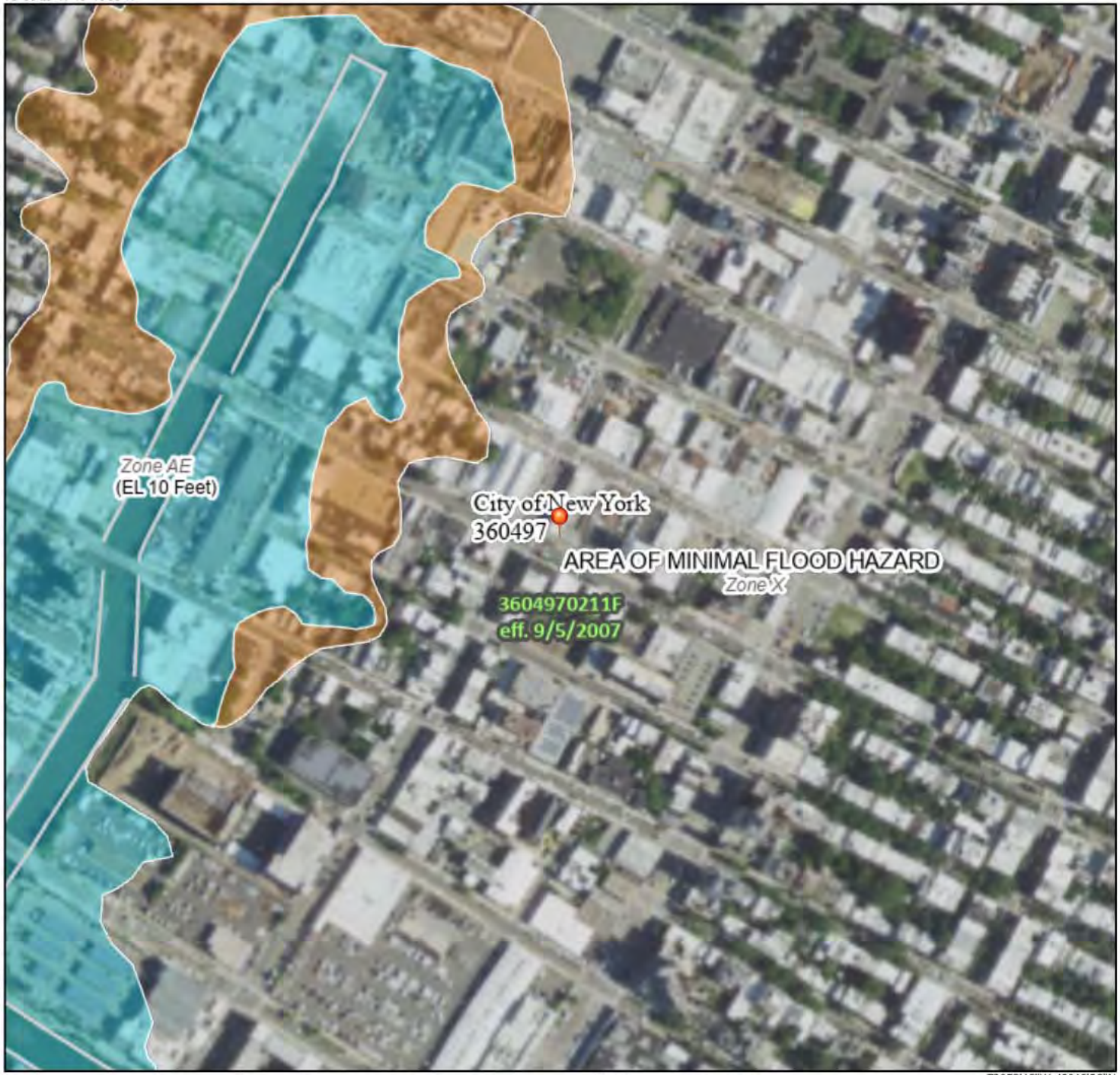
NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

National Flood Hazard Layer FIRMette

FEMA

73°59'25"W 40°40'56"N



73°58'48"W 40°40'28"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

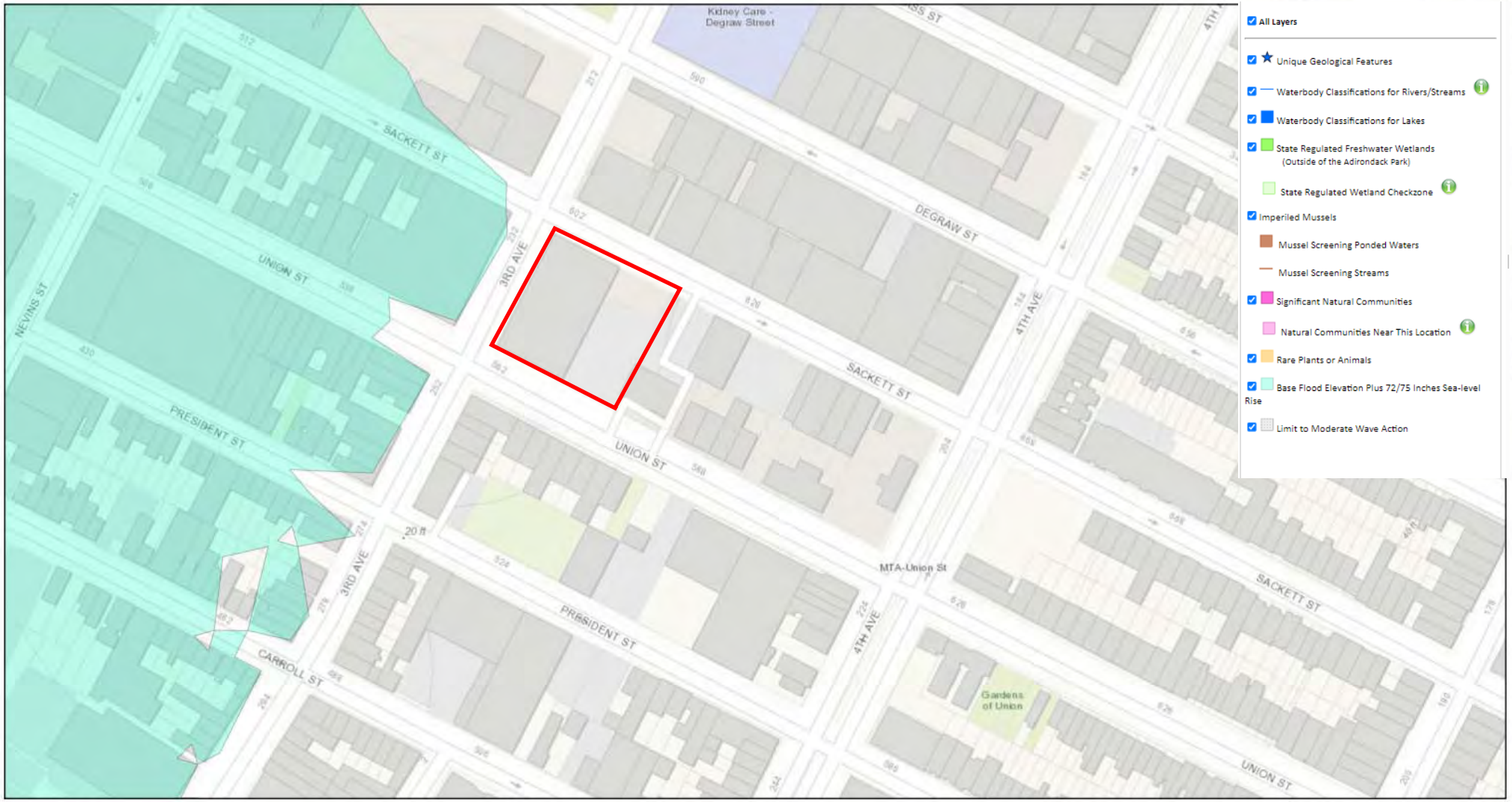
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/1/2022 at 3:32 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Environmental Resource Mapper



June 1, 2022

1:2,257

0 0.02 0.04 0.08 mi

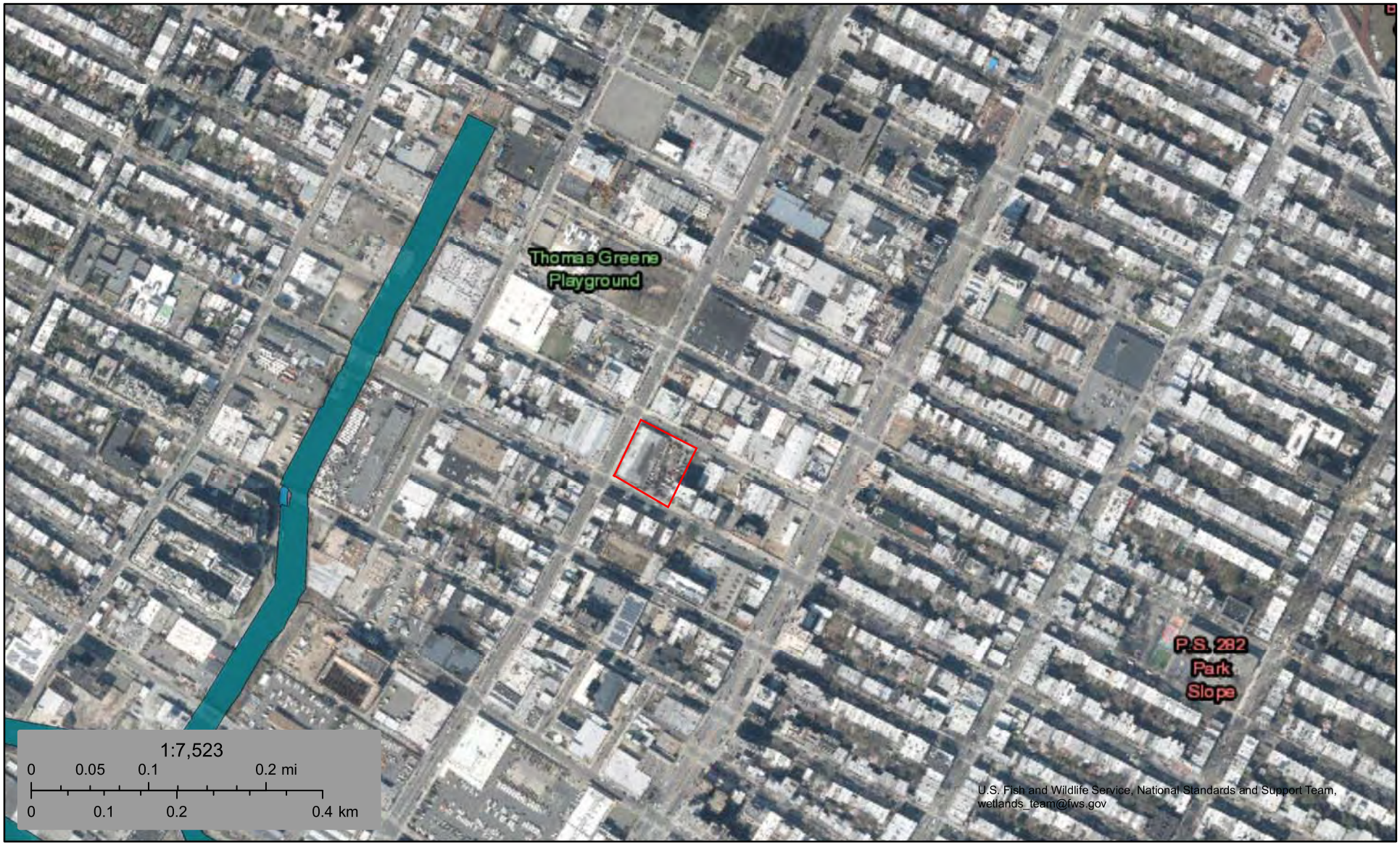
0 0.03 0.07 0.13 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NYS Department of Environmental Conservation
Not a legal document

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands



June 1, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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NYC Department of Buildings

Property Profile Overview

601 UNION STREET — **BROOKLYN 11215** — **BIN# 3007206**

3 AVENUE	231 - 249	**Health Area**	: 4300	**Tax Block**	: 434
SACKETT STREET	602 - 614	**Census Tract**	: 119.01	**Tax Lot**	: 1
UNION STREET	601 - 609	**Community Board**	: 306	**Condo**	: NO
		Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... | Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	3 AVENUE, 4 AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	HAZMAT/NOISE/AIR	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	MIH - MIH AREA		
HPD Multiple Dwelling:	No		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: G1-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	4	0
Violations-DOB	16	2
Violations-OATH/ECB	2	1
Jobs/Filings	20	
ARA / LAA Jobs	1	
Total Jobs	21	
Actions	27	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Property Profile Overview

613 UNION STREET — **BROOKLYN 11215** — **BIN# 3393044**

UNION STREET 613 - 621

Health Area	: 4300	**Tax Block**	: 434
Census Tract	: 119.01	**Tax Lot**	: 12
Community Board	: 306	**Condo**	: NO
Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	3 AVENUE, 4 AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	HAZMAT/NOISE/AIR	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	MIH - MIH AREA		
HPD Multiple Dwelling:	No		
Special District:	UNKNOWN		

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: G7-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-OATH/ECB	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

- Elevator Records
- Electrical Applications
- Permits In-Process / Issued
- Illuminated Signs Annual Permits
- Plumbing Inspections
- Open Plumbing Jobs / Work Types
- Facades
- Marquee Annual Permits
- Boiler Records
- DEP Boiler Information
- Crane Information
- After Hours Variance Permits

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NYC Department of Buildings

Application Details

The below information does not include work types submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 601 UNION STREET BROOKLYN **Job No: 301470414**
BIN: 3007206 Block: 434 Lot: 1 **Document: 01 OF 1**
Job Type: A2 - ALTERATION TYPE 2

Document Overview | Items Required | Virtual Job Folder | All Permits | Schedule B
Fees Paid | Forms Received | All Comments | Plumbing Inspections
Crane Information | Plan Examination | Print Letter of Completion
After Hours Variance Permits

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

Last Action: SIGNED OFF 05/06/2003 (X)
Application approved on: 12/12/2002

Pre-Filed: 12/04/2002 **Building Type:** Other **Estimated Total Cost:** $3,000.00
Date Filed: 12/05/2002 **Electronically Filed:** No
Fee Structure: STANDARD
Review is requested under Building Code: 1968

Job Description Comments

1 Location Information (Filed At)

House No(s): 601 **Street Name:** UNION STREET
Borough: Brooklyn **Block:** 434 **Lot:** 1 **BIN:** 3007206 **CB No:** 306
Work on Floor(s): CEL **Apt/Condo No(s):** **Zip Code:** 11217

2 Applicant of Record Information

Name: SCOTT SCHNALL
Business Name: SCOTT SCHNALL, PE **Business Phone:** 718-875-2036
Business Address: 178 ATLANTIC AVE BROOKLYN NY 11201 **Business Fax:**
E-Mail: **Mobile Telephone:**
License Number: 075316
Applicant Type: ☒ P.E. ☐ R.A ☐ Sign Hanger ☐ R.L.A. ☐ Other

Directive 14 Applicant
Not Provided
Previous Applicant of Record
Not Applicable

3 Filing Representative

Name: SHIRLEY/DEBBIE SWIFT/WILLIAMS

Business Name: SCOTT SCHNALL, PE
Business Address: 178 ATLANTIC AVE BROOKLYN NY 11201
E-Mail:

Business Phone: 718-875-2036
Business Fax:
Mobile Telephone:
Registration Number:

4 Filing Status

Click Here to View

5 Job Types

☐ **Alteration Type 1 or Alteration Type 1 required to meet New Building requirements (28-101.4.5)**

☐ **Alteration Type 1, OT "No Work"**
☒ **Alteration Type 2**
☐ **Alteration Type 3**
☐ **Sign**
☐ **New Building**
☐ **Full Demolition**
☐ **Subdivision: Improved**
☐ **Subdivision: Condo**

Directive 14 acceptance requested? ☒ Yes ☐ No

6 Work Types

☐ **BL - Boiler**
☐ **FA - Fire Alarm**
☐ **FB - Fuel Burning**
☒ **FS - Fuel Storage**
☐ **FP - Fire Suppression**
☐ **MH - Mechanical**
☐ **PL - Plumbing**
☐ **SD - Standpipe**
☐ **SP - Sprinkler**
☐ **EQ - Construction Equipment**
☐ **CC - Curb Cut**
☐ **OT - Other**

7 Plans/Construction Documents Submitted

Plans Page Count: Not Provided

8 Additional Information

Enlargement proposed?

☒ No ☐ Yes ☐ Horizontal ☐ Vertical

9 Additional Considerations, Limitations or Restrictions

Yes	No		Yes	No	
☐	☐	**Alt. required to meet New Building req's (28-101.4.5)**	☐	☐	**Alteration is a major change to exits**
			☐	☐	**Change in number of dwelling units**
			☐	☐	**Change in Occupancy / Use**
			☐	☐	**Change is inconsistent with current certificate of occupancy**
			☐	☐	**Change in number of stories**

☐	☐	**Facade Alteration**	☐	☒	**Infill Zoning**
☐	☒	**Adult Establishment**	☐	☒	**Loft Board**
☐	☐	**Compensated Development (Inclusionary Housing)**	☐	☒	**Quality Housing**
☐	☐	**Low Income Housing (Inclusionary Housing)**	☐	☒	**Site Safety Job / Project**
☐	☒	**Single Room Occupancy (SRO) Multiple Dwelling**	☐	☐	**Included in LMCCC**
☐	☐	**Filing includes Lot Merger / Reapportionment**	**Work Includes:**		
			☐	☐	**Prefab wood I-joists**
			☐	☐	**Structural cold-formed steel**
			☐	☐	**Open-web steel joists**

☐	☒	**Landmark**
☐	☒	**Environmental Restrictions (Little E or RD)**
☐	☐	**Unmapped/CCO Street**
☐	☐	**Legalization**
☐	☒	**Other, Specify:**
☐	☒	**Filed to Comply with Local Law**
☐	☐	**Restrictive Declaration / Easement**
☐	☐	**Zoning Exhibit Record (I,II,III,etc)**
☐	☐	**Filed to Address Violation(s)**

☐ ☐ **Work includes lighting fixture and/or controls, installation or replacement. [ECC §404 and §505]**
☐ ☐ **Work includes modular construction under New York State jurisdiction**
☐ ☐ **Work includes modular construction under New York City jurisdiction**
☐ ☐ **Structural peer review required per BC §1627** **Peer Reviewer License No.(P.E.):**
☐ ☐ **Work includes permanent removal of standpipe, sprinkler or fire suppression related systems**
☐ ☐ **Work includes partial demolition as defined in AC §28-101.5, or the raising/moving of a building**
☐ N **Structural Stability affected by proposed work**

BSA Calendar No.(s):
CPC Calendar No.(s):

10 NYCECC Compliance ***New York City Energy Conservation Code*** **(Applicant Statement)**
Not Provided

11 Job Description
REGISTER OIL TANK. NO CHANGE TO EGRESS OCCUPANCY OR USE.
Related BIS Job Numbers:
Primary application Job Number:

12 Zoning Characteristics
District(s): NONE
Overlay(s):
Special District(s):
Map No.: **Street legal width (ft.):** **Street status:** ☐ Public ☐ Private
Zoning lot includes the following tax lots: Not Provided

13 Building Characteristics

		2014/2008 Code Designations?
Occupancy Classification: Existing:		☐ Yes ☐ No
Proposed:		☐ Yes ☐ No
Construction Classification: Existing:		☐ Yes ☐ No
Proposed:		☐ Yes ☐ No
Multiple Dwelling Classification: Existing:		
Proposed:		
Building Height (ft.): Existing:		
Proposed:		
Building Stories: Existing:		
Proposed:		
Dwelling Units: Existing:		
Proposed:		

Mixed use building? ☐ **Yes** ☐ **No**

14 Fill
☐ **Not Applicable** ☐ **Off-Site** ☐ **On-Site** ☐ **Under 300 cubic yards**

15 Construction Equipment
Not Applicable

16 Curb Cut Description
Not Applicable

17 Tax Lot Characteristics
Not Provided

18 Fire Protection Equipment
Not Applicable

19 Open Spaces
Not Provided

20 Site Characteristics

Not Provided

21 Demolition Details

Not Applicable

22 Asbestos Abatement Compliance

23 Signs

Not Applicable

24 Comments

25 Applicant's Statements and Signatures (See paper form or check Forms Received)

Yes	No	
☐	☐	**For New Building and Alteration 1 applications filed under the 2008 or 2014 NYC Building Code only: does this building qualify for high-rise designation?**
☐	☐	**Directive 14 applications only: I certify that the construction documents submitted and all construction documents related to this application do not require a new or amended Certificate of Occupancy as there is no change in use, exits, or occupancy.**

26 Owner's Information

Name: CONSTANTINE D'ARCO
Relationship to Owner: PRESIDENT
Business Name: S & J FUEL CO., INC.
Business Phone:
Business Address:
Business Fax:
E-Mail:
Owner Type: CORPORATION
Non Profit: ☐ Yes ☒ No

Yes	No	
☐	☐	**Owner's Certification Regarding Occupied Housing (Remain Occupied)**
☐	☒	**Owner's Certification Regarding Occupied Housing (Rent Control / Stabilization)**
☐	☒	**Owner DHCR Notification**
☐	☐	**Owner's Certification for Adult Establishment**
☐	☐	**Owner's Certification for Directive 14 (if applicable)**

Condo / Co-Op or Corporation Second Officer

Name: PETER D'ARCO
Title: V.P.
Business Name: S & J FUEL CO., INC.
Business Phone:
Business Address:
Business Fax:
E-Mail:

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NYC Department of Buildings

Boiler Query

The below information does not include 2017 Boiler Inspection Cycle compliance filings submitted after August 14, 2017; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
N	110275	N	01	ACTIVE	04/20/2017	04/25/2017	O 2414 D'ARCO CONSTANTINE
N	110274	N	01	ACTIVE	04/20/2017	04/25/2017	O 2414 D'ARCO CONSTANTINE
N	110273	N	01	ACTIVE	04/20/2017	04/25/2017	O 2414 D'ARCO CONSTANTINE
	108209	N	01	VOID			
N	108259	N	01	ACTIVE	05/06/2016	05/11/2016	O 2414 D'ARCO CONSTANTINE

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NYC Department of Buildings

Boiler Query

NO RECORDS WERE FOUND FOR BOILER FILE

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Premises: **BIN:** **Block:** **Lot:**

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME

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NYC Department of Buildings

Boiler Details

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

DOB NOW: *Inspections*

Boiler-No: 110275 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE
Boiler Status: ACTIVE **Review Required:**

Filed At: 601 UNION ST **BIN: 3007206 BBL: 3-00434-00001**

Located in: 1ST
Make of Boiler: WEIL MCLAIN **Year:**
Over6: No **No-of-Boilers:** 01
Fee: Yes **School:** No

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INSP-DATE	REC-DATE	ENTRY DATE	NAME	Int/Ext	RESULTS	NYS CERTIFICATE
04/20/2017	04/25/2017	05/30/2017	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/06/2016	05/11/2016	05/18/2016	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/12/2015	05/14/2015	10/27/2015	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
04/25/2014	04/28/2014	12/08/2014	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
06/04/2013	06/05/2013	11/06/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/31/2012	01/11/2013	01/23/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/08/2011	08/09/2011	09/19/2011	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/09/2010	09/13/2010	09/22/2010	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/26/2009	08/27/2009	10/01/2009	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/30/2008	12/31/2008	01/28/2009	D'ARCO PETER		NO DEFECTS	O 5290
10/17/2007	10/22/2007	10/24/2007	SCIBELLI ANDREW		NO DEFECTS	O 5338
09/25/2006	09/26/2006	10/05/2006	D'ARCO PETER		NO DEFECTS	O 5290
09/19/2005	09/20/2005	10/19/2005	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/07/2004	09/09/2004	10/06/2004	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/18/2000	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
10/09/2002	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/06/2001	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/01/2003	05/16/2003	05/21/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/03/1999			BRANCONE.(L)		F/T 300838645	

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NYC Department of Buildings

Boiler Details

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

DOB NOW: *Inspections*

Boiler-No: 110274 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE
Boiler Status: ACTIVE **Review Required:**

Filed At: 601 UNION ST **BIN: 3007206 BBL: 3-00434-00001**

Located in: 1
Make of Boiler: WEIL MCLAIN **Year:**
Over6: No **No-of-Boilers:** 01
Fee: Yes **School:** No

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INSP-DATE	REC-DATE	ENTRY DATE	NAME	Int/Ext	RESULTS	NYS CERTIFICATE
04/20/2017	04/25/2017	05/30/2017	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/06/2016	05/11/2016	05/18/2016	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/12/2015	05/14/2015	10/07/2015	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
04/25/2014	04/28/2014	12/08/2014	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
06/04/2013	06/05/2013	11/06/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/31/2012	01/11/2013	01/23/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/08/2011	08/09/2011	09/19/2011	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/09/2010	09/13/2010	09/22/2010	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/26/2009	08/27/2009	10/01/2009	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/30/2008	12/31/2008	01/28/2009	D'ARCO PETER		NO DEFECTS	O 5290
10/17/2007	10/22/2007	10/24/2007	SCIBELLI ANDREW		NO DEFECTS	O 5338
09/25/2006	09/26/2006	10/05/2006	D'ARCO PETER		NO DEFECTS	O 5290
09/19/2005	09/20/2005	10/19/2005	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/07/2004	09/09/2004	10/06/2004	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/18/2000	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
10/09/2002	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/06/2001	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/01/2003	05/16/2003	05/21/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/03/1999			BRANCONE		F/T 300838654	

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NYC Department of Buildings

Boiler Details

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

DOB NOW: *Inspections*

Boiler-No: 110273 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE
Boiler Status: ACTIVE **Review Required:**

Filed At: 601 UNION ST **BIN: 3007206 BBL: 3-00434-00001**

Located in: 1
Make of Boiler: HB SMITH **Year:**
Over6: No **No-of-Boilers:** 01
Fee: Yes **School:** No

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INSP-DATE	REC-DATE	ENTRY DATE	NAME	Int/Ext	RESULTS	NYS CERTIFICATE
04/20/2017	04/25/2017	05/30/2017	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/06/2016	05/11/2016	05/18/2016	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/12/2015	05/14/2015	10/19/2015	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
04/25/2014	04/28/2014	12/08/2014	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
06/04/2013	06/05/2013	11/06/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/31/2012	01/11/2013	01/23/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/08/2011	08/09/2011	09/19/2011	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/09/2010	09/13/2010	09/22/2010	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/26/2009	08/27/2009	10/01/2009	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
12/30/2008	12/31/2008	01/28/2009	D'ARCO PETER		NO DEFECTS	O 5290
10/17/2007	10/22/2007	10/24/2007	SCIBELLI ANDREW		NO DEFECTS	O 5338
09/25/2006	09/26/2006	10/05/2006	D'ARCO PETER		NO DEFECTS	O 5290
09/19/2005	09/20/2005	10/19/2005	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/07/2004	09/09/2004	10/06/2004	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/18/2000	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
10/09/2002	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/06/2001	05/16/2003	07/02/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/01/2003	05/16/2003	05/21/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/03/1999			BRANCONE		F/T 300838636-MOBILE STEA	

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NYC Department of Buildings

Boiler Details

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

DOB NOW: *Inspections*

Boiler-No: 108209 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE
Boiler Status: VOID **Review Required:**

Filed At: 601 UNION STREET **BIN: 3007206 BBL: 3-00434-00001**

Located in: BASEMENT
Make of Boiler: **Year:** 1995
Over6: No **No-of-Boilers:** 01
Fee: Yes **School:** No

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INSP-DATE	REC-DATE	ENTRY DATE	NAME	Int/Ext	RESULTS	NYS CERTIFICATE
10/06/1994			BRANCONE		1ST TEST 300460374/95	

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NYC Department of Buildings

Boiler Details

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

DOB NOW: *Inspections*

Boiler-No: 108259 **Serial-No:** 01 **Type:** COMMERCIAL LOW PRESSURE
Boiler Status: ACTIVE **Review Required:**

Filed At: 601 UNION ST **BIN: 3007206 BBL: 3-00434-00001**

Located in: BASEMENT
Make of Boiler: PEERLESS **Year:** 1995
Over6: No **No-of-Boilers:** 01
Fee: Yes **School:** No

The below information does not include 2017 Boiler Inspection Cycle compliance filings submitted after August 14, 2017; use the DOB NOW Public Portal to access DOB NOW records.

INSP-DATE	REC-DATE	ENTRY DATE	NAME	Int/Ext	RESULTS	NYS CERTIFICATE
05/06/2016	05/11/2016	07/06/2018	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
04/20/2017	04/25/2017	05/30/2017	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
05/12/2015	05/14/2015	10/07/2015	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
04/25/2014	04/28/2014	12/08/2014	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
07/27/2010	07/29/2010	12/18/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
06/04/2013	06/05/2013	11/06/2013	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
07/18/2012	07/23/2012	10/20/2012	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/08/2011	08/09/2011	09/19/2011	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
07/08/2011	07/12/2011	09/07/2011	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/09/2010	09/13/2010	09/22/2010	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
07/09/2009	07/13/2009	09/26/2009	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
08/22/2008	08/26/2008	09/03/2008	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
09/11/2007	09/13/2007	09/19/2007	SCIBELLI ANDREW		NO DEFECTS	O 5338
08/10/2006	08/14/2006	08/30/2006	D'ARCO PETER		NO DEFECTS	O 5290
08/16/2005	08/18/2005	09/08/2005	SCIBELLI ANDREW		NO DEFECTS	O 5338
07/06/2004	07/20/2004	08/05/2004	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
07/28/2003	07/30/2003	08/18/2003	D'ARCO CONSTANTINE		NO DEFECTS	O 2414
11/06/2002	11/12/2002	11/19/2002	SCIBELLI ANDREW		NO DEFECTS	O 5338
08/06/2001	08/09/2001	08/09/2001	D'ARCO PETER		NO DEFECTS	O 5290
09/22/2000	09/25/2000	09/26/2000	D'ARCO PETER		NO DEFECTS	O 5290
08/03/1999	08/06/1999	08/11/1999	D'ARCO PETER		NO DEFECTS	O 5290
07/27/1998	07/29/1998	07/31/1998	D'ARCO PETER		NO DEFECTS	O 5290
07/11/1997	07/16/1997	07/21/1997	D'ARCO PETER		NO DEFECTS	O 5290
12/17/1996	03/04/1997	03/14/1997	D'ARCO PETER		NO DEFECTS	O 5290

10/05/2011	DEVITO 2300 DA	F/T PASSED 310422806
10/06/1995	BRANCONE	1ST TEST 300460374/95

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Application Details

The below information does not include work types submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 601 UNION STREET BROOKLYN **Job No: 300838654**
BIN: 3007206 Block: 434 Lot: 1 **Document: 01 OF 1**
Job Type: A2 - ALTERATION TYPE 2

Document Overview	Items Required	Virtual Job Folder	All Permits	Schedule B
Fees Paid	Forms Received		All Comments	Plumbing Inspections
Crane Information	Plan Examination			
After Hours Variance Permits				

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 03/29/1999 (R)
Application approved on: 03/22/1999

Pre-Filed: 03/01/1999 **Building Type:** Other **Estimated Total Cost:** $1,000.00
Date Filed: 03/11/1999 **Electronically Filed:** No
Fee Structure: STANDARD
Review is requested under Building Code: 1968

Job Description Comments

1 Location Information (Filed At)

House No(s): 601 **Street Name:** UNION STREET
Borough: Brooklyn **Block:** 434 **Lot:** 1 **BIN:** 3007206 **CB No:** 306
Work on Floor(s): 1 **Apt/Condo No(s):** **Zip Code:** 11217

2 Applicant of Record Information

Name: SCOTT SCHNALL
Business Name: SCOTT SCHNALL P.E **Business Phone:** 718-875-2036
Business Address: 178 ATLANTIC AVENUE BROOKLYN NY 11111 **Business Fax:**
E-Mail: **Mobile Telephone:**
License Number: 075316

Applicant Type: ☒ P.E. ☐ R.A ☐ Sign Hanger ☐ R.L.A. ☐ Other

Directive 14 Applicant

Name: SCOTT SCHNALL
Business Name: SCOTT SCHNALL P.E **Business Phone:**
Business Address: **Business Fax:**
E-Mail: **Mobile Telephone:**
Applicant Type: PE **License Number:** 075316
Previous Applicant of Record

Not Applicable

3 Filing Representative

Name: SHIRLEY/DEBBIE MAYS/RAMSINGM
Business Name: SCOTT SCHNALL P.E
Business Address: 178 ATLANTIC AVENUE BROOKLYN NY 11111
E-Mail:
Business Phone: 718-875-2036
Business Fax:
Mobile Telephone:
Registration Number:

4 Filing Status

Click Here to View

5 Job Types

- ☐ **Alteration Type 1 or Alteration Type 1 required to meet New Building requirements (28-101.4.5)**
- ☐ **Alteration Type 1, OT "No Work"**
- ☒ **Alteration Type 2**
- ☐ **Alteration Type 3**
- ☐ **Sign**
- ☐ **New Building**
- ☐ **Full Demolition**
- ☐ **Subdivision: Improved**
- ☐ **Subdivision: Condo**

Directive 14 acceptance requested? ☒ Yes ☐ No

6 Work Types

- ☒ **BL - Boiler**
- ☐ **FA - Fire Alarm**
- ☒ **FB - Fuel Burning**
- ☒ **FS - Fuel Storage**
- ☐ **FP - Fire Suppression**
- ☐ **MH - Mechanical**
- ☐ **PL - Plumbing**
- ☐ **SD - Standpipe**
- ☐ **SP - Sprinkler**
- ☐ **EQ - Construction Equipment**
- ☐ **CC - Curb Cut**
- ☒ **OT -** GC

7 Plans/Construction Documents Submitted

Plans Page Count: Not Provided

8 Additional Information

Enlargement proposed?

☒ No ☐ Yes ☐ Horizontal ☐ Vertical

9 Additional Considerations, Limitations or Restrictions

Yes	No		Yes	No	
☐	☐	**Alt. required to meet New Building req's (28-101.4.5)**	☐	☐	**Alteration is a major change to exits**
			☐	☐	**Change in number of dwelling units**
			☐	☐	**Change in Occupancy / Use**
			☐	☐	**Change is inconsistent with current certificate of occupancy**
			☐	☐	**Change in number of stories**

☐	☐	**Facade Alteration**	☐	☒	**Infill Zoning**
☐	☒	**Adult Establishment**	☐	☒	**Loft Board**
☐	☐	**Compensated Development (Inclusionary Housing)**	☐	☒	**Quality Housing**
☐	☐	**Low Income Housing (Inclusionary Housing)**	☐	☒	**Site Safety Job / Project**
☐	☒	**Single Room Occupancy (SRO) Multiple Dwelling**	☐	☐	**Included in LMCCC**
☐	☐	**Filing includes Lot Merger / Reapportionment**			**Work Includes:**
			☐	☐	**Prefab wood I-joists**
			☐	☐	**Structural cold-formed steel**
			☐	☐	**Open-web steel joists**

☐	☒	**Landmark**
☐	☐	**Environmental Restrictions (Little E or RD)**
☐	☐	**Unmapped/CCO Street**
☐	☐	**Legalization**
☐	☒	**Other, Specify:**
☐	☒	**Filed to Comply with Local Law**

☐ ☐ **Restrictive Declaration / Easement**
☐ ☐ **Zoning Exhibit Record (I,II,III,etc)**
☐ ☐ **Filed to Address Violation(s)**

☐ ☐ **Work includes lighting fixture and/or controls, installation or replacement. [ECC §404 and §505]**
☐ ☐ **Work includes modular construction under New York State jurisdiction**
☐ ☐ **Work includes modular construction under New York City jurisdiction**
☐ ☐ **Structural peer review required per BC §1627** **Peer Reviewer License No.(P.E.):**
☐ ☐ **Work includes permanent removal of standpipe, sprinkler or fire suppression related systems**
☐ ☐ **Work includes partial demolition as defined in AC §28-101.5, or the raising/moving of a building**
☐ N **Structural Stability affected by proposed work**

BSA Calendar No.(s):
CPC Calendar No.(s):

10 NYCECC Compliance ***New York City Energy Conservation Code*** **(Applicant Statement)**

Not Provided

11 Job Description

INSTALL BOILER, BURNER METAL CHIMNEY AND (2) 275 GALLON OIL TANKS. ON EX
STING MOBILE STEAM UNIT TO CREATE MOBILE EMERGENCY BOILER. LOCAL LAW 17/95 DOES OT APPLY TO THIS APPLICATION. NO CHANGE TO EGRESS, OCCUPANCY OR USE.

Related BIS Job Numbers:
Primary application Job Number:

12 Zoning Characteristics

District(s): NONE
Overlay(s):
Special District(s):
Map No.: **Street legal width (ft.):** **Street status:** ☐ Public ☐ Private
Zoning lot includes the following tax lots: Not Provided

13 Building Characteristics

		2014/2008 Code Designations?
Occupancy Classification: Existing:		☐ Yes ☐ No
Proposed:		☐ Yes ☐ No
Construction Classification: Existing:		☐ Yes ☐ No
Proposed:		☐ Yes ☐ No
Multiple Dwelling Classification: Existing:		
Proposed:		
Building Height (ft.): Existing:		
Proposed:		
Building Stories: Existing:		
Proposed:		
Dwelling Units: Existing:		
Proposed:		

Mixed use building? ☐ **Yes** ☐ **No**

14 Fill

☐ **Not Applicable** ☐ **Off-Site** ☐ **On-Site** ☐ **Under 300 cubic yards**

15 Construction Equipment

Not Applicable

16 Curb Cut Description

Not Applicable

17 Tax Lot Characteristics

Not Provided

18 Fire Protection Equipment

Not Applicable

19 Open Spaces

Not Provided

20 Site Characteristics

Not Provided

21 Demolition Details

Not Applicable

22 Asbestos Abatement Compliance

23 Signs

Not Applicable

24 Comments

25 Applicant's Statements and Signatures (See paper form or check Forms Received)

Yes	No	
☐	☐	**For New Building and Alteration 1 applications filed under the 2008 or 2014 NYC Building Code only: does this building qualify for high-rise designation?**
☐	☐	**Directive 14 applications only: I certify that the construction documents submitted and all construction documents related to this application do not require a new or amended Certificate of Occupancy as there is no change in use, exits, or occupancy.**

26 Owner's Information

Name: CONSTANTINE D'ARCO
Relationship to Owner: PRES.
Business Name: S.J. FUEL CO. INC.
Business Phone:
Business Address:
Business Fax:
E-Mail:
Owner Type: CORPORATION
Non Profit: ☐ Yes ☒ No

Yes	No	
☐	☐	**Owner's Certification Regarding Occupied Housing (Remain Occupied)**
☐	☒	**Owner's Certification Regarding Occupied Housing (Rent Control / Stabilization)**
☐	☒	**Owner DHCR Notification**
☐	☐	**Owner's Certification for Adult Establishment**
☐	☐	**Owner's Certification for Directive 14 (if applicable)**

Condo / Co-Op or Corporation Second Officer

Name: PETER D'ARCO
Title: V.P.
Business Name: S.J. FUEL CO. INC.
Business Phone:
Business Address:
Business Fax:
E-Mail:

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NYC DEP CATS Information

SEARCH INFORMATION

Searching For Data...

Contacting Database...Please Wait

Search By :	BBL
***Application# :**	
***Borough :**	Brooklyn
***Block :**	434
***Lot :**	1
***Premise House# :**	
***Premise Street :**	
***Premise Borough :**	-- Select Borough --
***Captcha :**	Input symbols

Search Clear

6 records found.

House	Street	Borough	Premise	Owner	Status	ApplicationID
601	UNION STREET	BROOKLYN		S.J. FUEL CO., INC.	CURRENT	CR013522
601	UNION STREET	BROOKLYN		S. J. FUEL CO. INC.	Cancelled	CA081990
601	UNION STREET	BROOKLYN	MOBILE BOILER	S&J FUEL COMPANY INC.	Cancelled	CA181196
601	UNION	BROOKLYN	601 UNION STREET	MOBILE BOILER	CURRENT	CA039099

	STREET		REALTY CORP			
601	UNION STREET	BROOKLYN	601 UNION STRRET REALTY CORP	MOBILE BOILER	CURRENT	CA039399
601	UNION STREET	BROOKLYN		601 UNION STREET REALTY CORP	CURRENT	CA039199
Please be advised that application numbers starting with 'C' are associated to boilers, 'P' are associated with industrials and 'G' are associated with Gas stations.						

Environmental Protection

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NYC DEP CATS Information

PREMISES: 601 UNION STREET BROOKLYN BIN: 007206 BLOCK: 00434 LOT: 0001				
Owner: S.J. FUEL CO., INC.	**Application #:** CR013522	**Type:** REGISTRATION - BOILER	**Expiration Date:** 4/7/2025	
Business Type: NA	**Request Type:** Registration - New Boiler/Burner	**Status:** CURRENT	**Submitted Date:** 2/25/2022	**Decision Date:** 4/7/2022
Boiler Make / Model: PEERLESS / ECT-06	**Fuel Type 1:** NATURALGAS	**Fuel Type 2:** NONE	**Heat Input (BTU/Hr.):** 420000	
Burner Make / Model: CARLIN / 201-GAS	**Number of Identical Units:** 1			
	AKA : 249 3 AVENUE BROOKLYN | 614 SACKETT STREET BROOKLYN			

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NYC DEP CATS Information

PREMISES: 601 UNION STREET BROOKLYN BIN: 007206 BLOCK: 00434 LOT: 0001				
Owner: S. J. FUEL CO. INC.	**Application #:** CA081990	**Type:**	**Expiration Date:** 3/20/2004	
Business Type: NA	**Request Type:** Cancellation	**Status:** CANCELLED	**Submitted Date:** NA	**Decision Date:** 7/29/2019
Boiler Make / Model: FEDERAL FST-100 / FEDERAL FST-100	**Fuel Type 1:** NO2FUEL	**Fuel Type 2:** NONE	**Heat Input (Million BTU/Hr.):** 4.1	
Burner Make / Model: CARLIN 1150 FFD / CARLIN 1150 FFD	**Number of Identical Units:** 1			
	AKA : 249 3 AVENUE BROOKLYN | 614 SACKETT STREET BROOKLYN			

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NYC DEP CATS Information

PREMISES: **BIN:** **BLOCK:** **LOT:**				
Owner: 607 UNION STREET REALTY ASSOC % S.J.FUEL CO INC	**Application #:** CA181196	**Type:** CERTIFICATE TO OPERATE - BOILER	**Expiration Date:** 3/13/2000	
Business Type: NA	**Request Type:** Cancellation	**Status:** CANCELLED	**Submitted Date:** NA	**Decision Date:** 4/11/2022
Boiler Make / Model: KEWANEE SP 200-0(CLASSIC III) / KEWANEE SP 200-0(CLASSIC III)	**Fuel Type 1:** NO2FUEL	**Fuel Type 2:** NONE	**Heat Input (Million BTU/Hr.):** 8.4	
Burner Make / Model: KEWANEE KFP5.0-1162-0 / KEWANEE KFP5.0-1162-0	**Number of Identical Units:** 1			

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NYC DEP CATS Information

PREMISES: 601 UNION STREET BROOKLYN BIN: 007206 BLOCK: 00434 LOT: 0001				
Owner: MOBILE BOILER	**Application #:** CA039099	**Type:** REGISTRATION - BOILER	**Expiration Date:** 3/8/2023	
Business Type: NA	**Request Type:** Renewal - Boiler	**Status:** CURRENT	**Submitted Date:** 12/9/2019	**Decision Date:** 12/26/2019
Boiler Make / Model: WEIL MCLAIN / BL-988	**Fuel Type 1:** NO2FUEL	**Fuel Type 2:** NONE	**Heat Input (BTU/Hr.):** 2632000	
Burner Make / Model: CARLIN / 801CRD	**Number of Identical Units:** 1			
	AKA : 249 3 AVENUE BROOKLYN | 614 SACKETT STREET BROOKLYN			

Environmental Protection

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NYC DEP CATS Information

PREMISES: 601 UNION STREET BROOKLYN BIN: 007206 BLOCK: 00434 LOT: 0001				
Owner: MOBILE BOILER	**Application #:** CA039399	**Type:** REGISTRATION - BOILER	**Expiration Date:** 3/8/2023	
Business Type: NA	**Request Type:** Renewal - Boiler	**Status:** CURRENT	**Submitted Date:** 12/10/2019	**Decision Date:** 12/23/2019
Boiler Make / Model: H.B. SMITH / 28-S-9	**Fuel Type 1:** NO2FUEL	**Fuel Type 2:** NONE	**Heat Input (BTU/Hr.):** 2744000	
Burner Make / Model: CARLIN / 801 CRD	**Number of Identical Units:** 1			
	AKA : 249 3 AVENUE BROOKLYN | 614 SACKETT STREET BROOKLYN			

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NYC DEP CATS Information

PREMISES: 601 UNION STREET BROOKLYN BIN: 007206 BLOCK: 00434 LOT: 0001				
Owner: 601 UNION STREET REALTY CORP	**Application #:** CA039199	**Type:** REGISTRATION - BOILER	**Expiration Date:** 3/8/2023	
Business Type: NA	**Request Type:** Renewal - Boiler	**Status:** CURRENT	**Submitted Date:** 12/10/2019	**Decision Date:** 12/23/2019
Boiler Make / Model: H.B. SMITH / 28-S-6	**Fuel Type 1:** NO2FUEL	**Fuel Type 2:** NONE	**Heat Input (BTU/Hr.):** 1827000	
Burner Make / Model: CARLIN / 801 CRD	**Number of Identical Units:** 1			
	AKA : 249 3 AVENUE BROOKLYN | 614 SACKETT STREET BROOKLYN			

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NYC DEP CATS Information

SEARCH INFORMATION

Searching For Data...

Contacting Database...Please Wait

Search By :	BBL
***Application# :**	
***Borough :**	Brooklyn
***Block :**	434
***Lot :**	12
***Premise House# :**	
***Premise Street :**	
***Premise Borough :**	-- Select Borough --
***Captcha :**	Input symbols

Search Clear

No Record Found.

Please be advised that application numbers starting with 'C' are associated to boilers, 'P' are associated with industrials and 'G' are associated with Gas stations.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Facility Information

Site No.: 2-601627
Status: Active
Expiration Date: 11/02/2013
Site Type: PBS
Facility Type: Storage Terminal/Petroleum Distributor
Site Name: SJ FUEL CO. INC.
Address: 601 UNION STREET
Locality: Brooklyn
State: NY
Zipcode: 11215
County: Kings

Tank Information

Tank Information withheld (not releaseable under Freedom of Information Law) in accordance with Public Officers Law Sections 86.5, 87.2(f), 89.5(a)(1)(1-a)

Refine This Search

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NYC Department of Buildings

C of O PDF Listing for Property

For Certificates of Occupancy requested on or after March 1, 2021, see DOB NOW.

Premises: 601 UNION STREET BROOKLYN **BIN: 3007206 Block: 434 Lot: 1**

Download the **Adobe Acrobat Reader** if you are unable to open the PDF files

To report a problem with any of these images, please use the **CO Image Problem Form**

CERT 98592/ISSUED/40:	B000098592.PDF
CERT 116138/46:	B000116138.PDF
CERT 116221/46:	B000116221.PDF
CERT 118840/47:	B000118840.PDF
CO 300447791 5/14/97:	B300447791.PDF
JOB 300437917:	NO C/Os ISSUED OR NO IMAGE AVAILABLE
JOB 300447791:	B300447791.PDF

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114 Form 53-17M-70240

DEPARTMENT OF HOUSING AND BUILDINGS

BAR BOROUGH OF Brooklyn , CITY OF NEW YORK

No. 98592

Date Oct. 2[illegible],1940

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the [redacted] building—premises located at 614/628 Sackett street, south side, 110.10' east of 3rd avenue

Block 454 Lot 12

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

[redacted] Drop curb 1581/40

Construction classification—Vacant lot

Occupancy classification—Parking lot . Height - stories, - feet.

Date of completion—comst. 10/18/40 plumb. none . Located in Unrestricted Use District.

— Area — . Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] FOR PARKING AND STORAGE FOR MORE THAN FIVE (5) MOTOR VEHICLES.

Borough Superintendent.

(Page 1)

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there by any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended, nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

5-5M 1-41343 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN, CITY OF NEW YORK

No.

Date

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ ~~altered~~ ~~existing~~ building—premises located at

East 87th St. S/S 225'3" E of Avenue J

Block 8824 Lot 17

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~New~~ Alt. No. Alt. 2227/46

Occupancy classification— Two (2) families

Date of completion— Const. 7/10/46 Alt. 9/12/46

Construction classification— Frame

Height 2 stories, 25 feet.

Located in Residential Use District.

C Area . Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
Cellar	Ground	-	-	-	Ordinary Use
1st	40	-	-	-	One (1) family
2nd	40	-	-	-	One (1) family

Total Two (2) families

(Page 1)

TK

Borough Superintendent.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHA BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change rearrangement in the structural parts of the building, or affecting the light and ventilation of any part there or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing height shall be made; nor shall the building be moved from one location or position to another; nor shall th by any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certifi

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in construction in any story shall not exceed the live loads specified on reverse side; the number of persons of eith sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of perso in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fi by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possess or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as m be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtain the special certificates required for the use and operation of elevators; nor from the installation of fire ala systems where required by law; nor from complying with any lawful order for additional fire extinguishi appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful or issued with the object of maintaining the building in a safe or lawful condition; nor from complying with a authorized direction to remove encroachments into a public highway or other public place, whether attached or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indica on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be repla by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspect and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted the reverse side, and that on information and belief, since that date there has been no alteration or conversi to a use that changed its classification as defined in the Building Code, or that would necessitate compliance w some special requirement or with the State Labor Law or any other law or ordinance; that there are no noti of violations or orders pending in the Department of Housing and Buildings at this time; that Section 64 of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to Borough Superintendent, and that, so long as the building is not altered, except by permission of the Boro Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substan articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishi equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and certified his approval in writing of the installation of such containers, systems or equipment to the Boro Superintendent of the borough in which the installation has been made. Such approval shall be recorded the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN, CITY OF NEW YORK

No.

Date 12-23-46

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

The owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ altered ~~building~~ building premises located at (Disp. 1029) - Off. 1027 Rutland Rd. E/S 40' N. of E. 95th St.

Block 4597 Lot 45

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Construction classification— manfg.

Former Alt. No.— Alt. 4790-46

Occupancy classification— Fish store, Light mfg. (B-21 Access.) 2 fam. Height 2 & C stories, 25 feet.

Date of completion— Const. 12-23-46 Plumb. 12-23-46 Located in Business Use District.

C Area . Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
Cellar	Ground	—	—	—	Ordinary Use.
1st	100	—	—	—	Fish Store
1st	120	—	4	4	Light Mfg. (Doll Accessories).
2nd	40	—	—	—	2 fam.
					TOTAL – As stated above.
					NOT A MULTIPLE DWELLING

TK

Borough Superintendent.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHA BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no chang rearrangement in the structural parts or the building, or affecting the light and ventilation of any part ther or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasin height shall be made; nor shall the building be moved from one location or position to another; nor shall t be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certi

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in construction in any story shall not exceed the live loads specified on reverse side; the number of persons of e sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of per in any story exceed the specified total; and the use to which any story may be put shall be restricted to that by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in posse or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obta the special certificates required for the use and operation of elevators; nor from the installation of fire a systems where required by law; nor from complying with any lawful order for additional fire extinguis appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful o issued with the object of maintaining the building in a safe or lawful condition; nor from complying with authorized direction to remove encroachments into a public highway or other public place, whether attache or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indi on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to al provisions and conditions applying to a final or permanent certificate; it is not applicable to any building unde jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be repl by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly insp and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as note the reverse side, and that on information and belief, since that date there has been no alteration or conve to a use that changed its classification as defined in the Building Code, or that would necessitate compliance some special requirement or with the State Labor Law or any other law or ordinance; that there are no no of violations or orders pending in the Department of Housing and Buildings at this time; that Section of the New York City Charter has been complied with as certified by a report of the Fire Commissioner t Borough Superintendent, and that, so long as the building is not altered, except by permission of the Bor Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, pla premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substa articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguis equipment are required by law to be or are installed, until the fire commissioner has tested and inspected an certified his approval in writing of the installation of such containers, systems or equipment to the Bor Superintendent of the borough in which the installation has been made. Such approval shall be recorde the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy

124

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN, CITY OF NEW YORK

No. 3 [illegible]

Date OCT 23 1947

CERTIFICATE OF OCCUPANCY

[illegible]d form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the [illegible]ork Charter, and Sections C.26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. [illegible] Code.)

This certificate supersedes C. O. No. 116220

Owner or owners of the building or premises:

THIS CERTIFIES that the new ~~[illegible]~~ building—premises located at

Beckett Street-South Side 110'19" East of 3rd Avenue 12-58-60-61
Union Street Block 454 Lot 62-63-64-65

conforms substantially to the approved plans and specifications, and to the requirements [illegible]uilding code and all other laws and ordinances, and of the rules and regulations of the Board of Stand- [illegible] Appeals, applicable to a building of its class and kind at the time the permit was issued; and

[illegible]ERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been [illegible] with as certified by a report of the Fire Commissioner to the Borough Superintendent.

[illegible] N.B- 351/46 Construction classification— Non-Fire Pr

[illegible]cy classification— Office & Loading . Height 1 stories 15'6" & 19'6" feet.

completion— Platform . Located in unrestricted Use District.

Area [illegible]- 8/25/47 Height Zone at time of issuance of permit

S D- 8/26/47

This certificate is issued subject to the limitations hereinafter specified and to the following resolu- [illegible] the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

[illegible]PY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
	60 and 300	75	—	75	Office, loading Platform and boiler room
	Total--- as stated above				

[illegible]
Borough Superintendent.

Orkanes

(Page 1)

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no ch rearrangement in the structural parts of the building, or affecting the light and ventilation of any part or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by incre height shall be made; nor shall the building be moved from one location or position to another; nor sh be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is

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This certificate does not in any way relieve the owner or owners or any other person or persons in po or control of the building, or any part thereof from obtaining such other permits, licenses or approvals be prescribed by law for the uses or purposes for which the building is designed or intended; nor from o the special certificates required for the use and operation of elevators; nor from the installation of fi systems where required by law; nor from complying with any lawful order for additional fire extin appliances under the discretionary powers of the fire commissioner; nor from complying with any lawf issued with the object of maintaining the building in a safe or lawful condition; nor from complying authorized direction to remove encroachments into a public highway or other public place, whether att or part of the building or not.

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"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous su articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extin equipment are required by law to be or are installed, until the fire commissioner has tested and inspected certified his approval in writing of the installation of such containers, systems or equipment to the Superintendent of the borough in which the installation has been made. Such approval shall be reco the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

B Form 54 (Rev. 8/83)

THE CITY OF NEW YORK

DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH Brooklyn DATE: MAY 14 1997 NO. 300447791

ZONING DISTRICT M1-2

This certificate supersedes C.O. No.

THIS CERTIFIES that the ~~new~~-altered-existing-building-premises located at 614/28 Sackett Street Block 434 Lot 16

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS PER SQ FT	MAXIMUM NO OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
O.S.	O.G.	5	====	====	8		Open parking for 42 cars with 2 Attendants metal metal sheds REQUIRED SANITARY FACILITIES PROVISIONS AT 615 SACKETT ST. TOTAL: AS STATED ABOVE

OPEN SPACE USES Open Parking for 42 Cars
(SPECIFY-PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE. B-2

Joseph Lisanti J.R. Gaston Silva R.A.

BOROUGH SUPERINTENDENT COMMISSIONER

☐ ORIGINAL ☐ OFFICE COPY-DEPARTMENT OF BUILDINGS ☐ COPY

B Form 54 (Back) (Rev. 8-82)

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the South side of Sackett Street
distant 186'-1½" East feet from the corner formed by the intersection of
3rd Avenue and Sackett Street
running thence East 73'-1½" feet; thence South 95'-0" feet;
thence East 27'-6" feet; thence South 95'-0" feet;
thence West 100'-7½" feet; thence North 190'-0" feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

~~N.B.~~ ALT. No. 300447791 DATE OF COMPLETION 4/8/97 CONSTRUCTION CLASSIFICATION OSP.
BUILDING OCCUPANCY GROUP CLASSIFICATION OSP HEIGHT STORIES, FEET

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM		X	AUTOMATIC SPRINKLER SYSTEM		X
YARD HYDRANT SYSTEM		X			
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM		X			
SMOKE DETECTOR		X			
FIRE ALARM AND SIGNAL SYSTEM		X			

STORM DRAINAGE DISCHARGES INTO:
A) STORM SEWER ☐ B) COMBINED SEWER ☐ C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

SANITARY DRAINAGE DISCHARGES INTO:
A) SANITARY SEWER ☐ B) COMBINED SEWER ☐ C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

LIMITATIONS OR RESTRICTIONS:
BOARD OF STANDARDS AND APPEALS CAL. NO. _____
CITY PLANNING COMMISSION CAL. NO. _____
OTHERS:

B Form 54 (Rev. 8/83)

THE CITY OF NEW YORK

DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH Brooklyn DATE: MAY 14 1997 NO. 300447791

ZONING DISTRICT M1-2

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PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS PER SQ FT	MAXIMUM NO OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
O.S.	O.G.	5	====	====	8		Open parking for 42 cars with 2 Attendants metal metal sheds REQUIRED SANITARY FACILITIES PROVISIONS AT 615 SACKETT ST. TOTAL: AS STATED ABOVE

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(SPECIFY-PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

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Joseph Lisanti J.R. Gaston Silva R.A.

BOROUGH SUPERINTENDENT COMMISSIONER

☐ ORIGINAL ☐ OFFICE COPY-DEPARTMENT OF BUILDINGS ☐ COPY

B Form 54 (Back) (Rev. 8-82)

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thence East 27'-6" feet; thence South 95'-0" feet;
thence West 100'-7½" feet; thence North 190'-0" feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

~~N.B.~~ ALT. No. 300447791 DATE OF COMPLETION 4/8/97 CONSTRUCTION CLASSIFICATION OSP.
BUILDING OCCUPANCY GROUP CLASSIFICATION OSP HEIGHT STORIES, FEET

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM		X	AUTOMATIC SPRINKLER SYSTEM		X
YARD HYDRANT SYSTEM		X			
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM		X			
SMOKE DETECTOR		X			
FIRE ALARM AND SIGNAL SYSTEM		X			

STORM DRAINAGE DISCHARGES INTO:
A) STORM SEWER ☐ B) COMBINED SEWER ☐ C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

SANITARY DRAINAGE DISCHARGES INTO:
A) SANITARY SEWER ☐ B) COMBINED SEWER ☐ C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

LIMITATIONS OR RESTRICTIONS:
BOARD OF STANDARDS AND APPEALS CAL. NO. _____
CITY PLANNING COMMISSION CAL. NO. _____
OTHERS:

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

C of O PDF Listing for Property

For Certificates of Occupancy requested on or after March 1, 2021, see DOB NOW.

Premises: 613 UNION STREET BROOKLYN **BIN: 3393044 Block: 434 Lot: 12**

Download the **Adobe Acrobat Reader** if you are unable to open the PDF files

To report a problem with any of these images, please use the **CO Image Problem Form**

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

New York City Department of Finance

Office of the City Register

HELP

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 434
Lot: 1 **Unit:** N/A
Date Range: To Current Date
Document Class: DEEDS AND OTHER CONVEYANCES

Search Results By Parcel Identifier

Records 1 - 4 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	2441/566		1	ENTIRE LOT	8/15/1989	8/30/1989	DEED	2	VETRANO, PASQUALE	601 UNION STREET RLTY CP				0
DET IMG	1791/1924		1	ENTIRE LOT	3/26/1986	4/8/1986	DEED	2	PLAZA MOTOR PLAN CO	VETRANO, PASQUALE		✓		0
DET IMG	907/707		1	ENTIRE LOT	3/11/1977	3/11/1977	DEED	2	POMVET RLTY CORP	PLAZA MOTOR PLAN CO				0
DET IMG	530/98		1	ENTIRE LOT	1/4/1972	1/4/1972	DEED	3	WHITE MOTOR CORP	POMVET RLTY CORP		✓		0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

SA3251K - Select

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 15th day of August , nineteen hundred and eighty-nine

BETWEEN PASQUALE VETRANO, residing at
107 Augusta Avenue, Staten Island, New York 10312

RECORDED 2441 PAGE 566

party of the first part, and

601 UNION STREET REALTY CORP., a New York corporation
with offices at 60 Madison Avenue, New York, NY 10010

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the Easterly corner of 3rd Avenue and Union Street;

RUNNING THENCE Southerly along Union Street, 110 feet 10 inches;

THENCE Northeasterly parallel with 3rd Avenue, 190 feet to the Westerly side of Sackett Street;

THENCE Northwesterly along the said Westerly side of Sackett Street, 110 feet 10 inches to the Southeasterly side of 3rd Avenue;

THENCE Southeasterly along the Southeasterly side of 3rd Avenue, 190 feet to the corner aforesaid, to the point or place of BEGINNING.

Being the same premises conveyed to the grantor herein by deed dated March 26, 1986, and recorded in Reel 1791 Page 1924.

Said premises being known as 601 Union Street, Brooklyn, NY 11215.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

PASQUALE VETRANO

3290

Standard N.Y.B.T.U. Form 8002. Bargain and Sale Deed, with Covenant Against Grantor's Acts—Individual or Corporation.

PFT 2441 PAGE 567

STATE OF NEW YORK, COUNTY OF Nassau ss:

On the 15th day of August 1989, before me personally came

PASQUALE VETRANO

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

Clifford H. Lewisohn

CLIFFORD H. LEWISOHN
Notary Public, State of New York
No. 30-4885786
Qualified in Nassau County
Commission Expires February 17, 1991

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Recorded at the request of
SELECT ABSTRACT CORPORATION

Recorded at the request of
SELECT ABSTRACT CORPORATION

SA3251K

601 Union Street

SECTION 2
BLOCK 434
LOT 1
COUNTY OR TOWN King

TAX MAP

Recorded at Request of COMMONWEALTH LAND TITLE INSURANCE COMPANY

BARGAIN AND SALE DEED
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. SA3251K

PASQUALE VETRANO

TO

601 UNION STREET REALTY CORP.

RETURN BY MAIL TO:

David Schick, Esq.
Frenkel & Hershkowitz
319 5th Avenue
New York, NY

Zip No. 10016

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
COMMONWEALTH LAND
TITLE INSURANCE COMPANY
A Reliance Group Holdings Company

B-3290
RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECEIVED $5000 REAL ESTATE
AUG 30 1989 TRANSFER TAX KINGS COUNTY

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER
1989 AUG 30 A 9:13
CITY REGISTER

08-30-89 B-03 PAID RECD 097228 $19.00
08-30-89 B-03 PAID CNCT 097228 $2.00

REC. FEE
SST #
RIT # 13669

REEL 1791 PAGE 1924

Standard N.Y.B.T.U. Form 8002 2M — Bargain and Sale Deed with Covenants against Grantor's Acts (Individual or Corporation) (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 26th day of March, nineteen hundred and Eighty-Six

BETWEEN PLAZA MOTOR PLAN CO, a partnership with a business address of 66 MOUNT PROSPECT AVE., CLIFTON NEW JERSEY 07015

party of the first part, and PASQUALE VETRANO, a/k/a PATSY VETRANO residing at 107 Augusta Avenue, Staten Island, New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the Easterly corner of 3rd Avenue and Union Street;

RUNNING THENCE Southerly along Union Street, 110 feet 10 inches;

THENCE Northeasterly parallel with 3rd Avenue, 190 feet to the Westerly side of Sackett Street;

THENCE Northwesterly along the said Westerly side of Sackett Street, 110 feet 10 inches to the Southeasterly side of 3rd Avenue;

THENCE Southeasterly along the Southeasterly side of 3rd Avenue, 190 feet to the corner aforesaid, the point or place of BEGINNING.

Said premises being known as 231-249 Third Avenue, Brooklyn, New York.

This Deed is subject to a Purchase Money Mortgage to be recorded simultaneously herewith.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Hazel Chaves

PLAZA MOTOR PLAN CO

Marie Dueda

REEL 1791 PAGE 1925

STATE OF NEW YORK, COUNTY OF New York SS:

On the 26th day of March 19 86, before me personally came JANE E. VERNI MARIE DRUDA

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that they executed the same

THOMAS J. McGRATH
NOTARY PUBLIC, State of New York
No. 01 4908951
Qualified in Bronx County
Commission Expires March 30, 1987

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed

WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. 42915

Plaza Motor Plan Co

TO

Patsy Vetrano

LIBER VED BY TAX

SECTION 2
BLOCK 434
LOT 1
COUNTY OR TOWN Kings

Recorded at Request of
CHICAGO TITLE INSURANCE COMPANY

Return by Mail to

Scher & Eliasberg, P.C.
98 Cutter Mill Road
Great Neck, New York

Zip No. 11021

616930

Commonwealth Abstract Co., Inc.
2111 White Plains Road
Bronx, New York 10462
(212) 931-0330
(914) 682-8240

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

CITY REGISTER

RECEIVED
$ 2700.
REAL ESTATE
APR 9 1986
TRANSFER TAX
KINGS
COUNTY
15545

REC. FEE A12-
SST # 2400-
005963
RPT # 4-12

Standard N.Y.B.T.U. Form 8002• 11-75-70M - Bargain and Sale Deed, with Covenant against Grantor's Acts - Individual or Corporation. (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 907 PAGE 707

7810

434

1

THIS INDENTURE, made the 24th day of February, nineteen hundred and seventy-seven

BETWEEN POMVET REALTY CORP., a domestic corporation, with its principal offices located at 601 Union Street, Brooklyn, New York

party of the first part, and PLAZA MOTOR PLAN CO., a co-partnership, with its principal offices located at 212-220 Third Avenue, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the Easterly corner of 3rd Avenue and Union Street; RUNNING THENCE Southerly along Union Street, 110 feet 10 inches; THENCE Northeasterly parallel with 3rd Avenue, 190 feet to the Westerly side of Sackett Street; THENCE Northwesterly along the said Westerly side of Sackett Street, 110 feet 10 inches tothe Southeasterly side of 3rd Avenue; THENCE Southeabterly along the Southeasterly side of 3rd Avenue, 190 feet to the corner aforesaid, the point or place of BEGINNING.

Said premises also known as and by street number 601 Union Street, Brooklyn, New York.

This conveyance has been made with the consent of the holders of at least two-thirds of all outstanding shares entitled to vote thereon, obtained at a meeting duly called.

SUBJECT TO a First Mortgage made and executed on December 15th, 1971 by Pomvet Realty Corp., mortgagor, to Bay Ridge Savings and Loan Association, mortgagee, in the sum of $ 100,000.00 plus interest, recorded on Reel 530 page 101, which mortgage has been reduced to the sum of $ 79,297.11.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

George [illegible]

POMVET REALTY CORP. CORPORATE SEAL 1971 NEW YORK

POMVET REALTY CORP.

MATTHEW J. VETRI, Pres.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

REEL 907 PAGE 708

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF Kings ss:

On the 24 day of February 19 77, before me personally came Matthew J. Vetri to me known, who, being by me duly sworn, did depose and say that he resides at No. 7919 Colonial Road Brooklyn, New York ; that he is the President of Pomvet Realty Corp., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h[illegible]s name thereto by like order.

Paul J. Clifford

PAUL J. CLIFFORD
Notary Public, State of New York
No. 41-0663701
Qualified in Queens County
Commission Expires March 30, 1977

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. K-578562

POMVET REALTY CORP.
TO
PLAZA MOTOR PLAN CO.

SECTION 2
BLOCK 434
LOT 1
COUNTY OR TOWN KINGS

601 Union St Bklyn

Recorded ~~At Request of The Title Guarantee Company~~

RETURN BY MAIL TO:

RALPH M. VERNI, ESQ.
Attorney at Law
Post Office Box M
746 Merrick Road
Baldwin, New York
Zip No. 11510

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
TITLE GUARANTEE NEW YORK
A TICOR COMPANY

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECORDED AT THE REQUEST OF
SECURITY TITLE AND GUARANTY CO.
630 FIFTH AVENUE
NEW YORK, N. Y. 10020

1977 MAR 11 PM 11:48

FEE PAID

RECEIVED $ [illegible]
REAL ESTATE
MAR 4 1977
TRANSFER TAX
KINGS COUNTY
13193

OFFICE OF CITY REGISTER
Kings County
Recorded
Witness my hand
and official seal

City Register

Standard N Y B T U Form 8002 Bargain and Sale Deed, with Covenant against Grantor's Acts—Individual or Corporation (Single Sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 530 PAGE 98

THIS INDENTURE, made the 22nd day of November, nineteen hundred and seventy-one

BETWEEN

WHITE MOTOR CORPORATION, formerly the WHITE MOTOR COMPANY, an OHIO CORPORATION, of 100 Erieview Plaza, Cleveland, Ohio 44114,

party of the first part, and

POMVET REALTY CORP., a New York Corporation of 601 Union Street, Brooklyn, New York 11215.

party of the second part, respectively.

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at the easterly corner of Third Avenue and Union Street and running thence southerly along Union Street one hundred ten (110) feet, ten (10) inches; thence northeasterly parallel with Third Avenue one hundred ninety (190) feet to the westerly side of Sackett Street; thence northwesterly along the said westerly side of Sackett Street one hundred ten (110) feet, ten (10) inches to the southeasterly side of Third Avenue and thence southwesterly along the southeasterly side of Third Avenue one hundred ninety (190) feet to the corner aforesaid, the place of beginning.

Said premises being known as and by the street address 601 Union Street, Brooklyn, New York 11215.

This conveyance is made in the regular course of the business of the grantor.

KINGS COUNTY 090025 REAL ESTATE TRANSFER TAX Dept. of Taxation & Finance JAN-4'72 PB 10471 STATE OF NEW YORK 157.30

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Seal

ATTEST:

J. A. Reinhardt
Assistant Secretary

WHITE MOTOR CORPORATION

BY: H. J. Neve
President

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

REEL 530 PAGE 99

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF ~~NEW YORK~~ Ohio, COUNTY OF Cuyahoga ss:

On the 22nd day of November 19 71, before me personally came H. J. Nave to me known, who, being by me duly sworn, did depose and say that he resides at No. 2717 Ashley Road, Shaker Heights, Ohio 44122 ; that he is the President of WHITE MOTOR CORPORATION, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

William Richard Norton

WILLIAM RICHARD NORTON, Attorney
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date.
Section 147.03 R. C.

STATE OF ~~NEW YORK~~ Ohio COUNTY OF Cuyahoga ss:

On the 22nd day of November 19 71, before me personally came J. A. REinhardt the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. 935 South Green Rd.,South Euclid, Ohio ; that he knows H. J. Nave to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw him execute the same; and that he, said witness, at the same time subscribed his name as witness thereto.

William Richard Norton

WILLIAM RICHARD NORTON, Attorney
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date.
Section 147.03 R. C.

The State of Ohio, Cuyahoga County } ss.

I, EMIL J. MASGAY, Clerk of the Court of Common Pleas, a Court of Record of Cuyahoga County, aforesaid,

Do Hereby Certify that William Richard Norton

before whom the annexed acknowledgment, oath, affidavit, was taken, was at the date thereof a NOTARY PUBLIC, in and for said County, duly authorized by the laws of Ohio to take the same, also to make acknowledgments, affidavits and proofs, of deeds or conveyances for land, tenements or hereditaments situated and lying in said State of Ohio, and further believe the signature thereto is genuine, and that the annexed instrument is executed according to the laws of the State of Ohio.

Commission expires _____

In Testimony Whereof, I hereunto subscribe my name and affix the seal of said Court, at Cleveland, Ohio, this 23 day of Nov. A. D. 19 71

EMIL J. MASGAY, CLERK OF COURTS

F 5022

Deputy Clerk

CCT2

Bargain and Sale Deed

WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. K-392359

SECTION 2
BLOCK 434
LOT 1
COUNTY OR TOWN Kings

LOC. VER.

WHITE MOTOR CORPORATION

TO

POMVET REALTY CORP.

RETURN BY MAIL TO:

Robert A. Scher
185 Great Neck Road
Great Neck, New York Zip No. 11021

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
SECURITY TITLE AND GUARANTY COMPANY
CHARTERED 1928 IN NEW YORK

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1972 JAN 4 AM 10:57

REC. FEE

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

CITY REGISTER

New York City Department of Finance

Office of the City Register

HELP

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 434
Lot: 12 **Unit:** N/A
Date Range: To Current Date
Document Class: DEEDS AND OTHER CONVEYANCES

Search Results By Parcel Identifier

Records 1 - 7 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	2529/1951		12	ENTIRE LOT	2/15/1990	3/19/1990	DEED	2	VETRANO, PASQUALE	607 UNION ST RLTY ASSOC'				0
DET IMG	1865/707		12	ENTIRE LOT	7/11/1986	8/19/1986	DEED	2	VETRANO, PASQUALE	VETRANO, PASQUALE		✓		0
DET IMG	1665/1239		12	ENTIRE LOT	6/27/1985	7/10/1985	DEED	2	DISTINCTIVE DEVICESINC	VETRANO, PASQUALE		✓		0
DET IMG	592/784		12	ENTIRE LOT	11/2/1972	11/2/1972	DEED	2	ESCO PACKERS & SUPPLY CO INC	L M C DATA INC				0
DET IMG	409/230		12	ENTIRE LOT	5/6/1970	5/6/1970	DEED	2	VINCY RLTY CORP	ESCO PACKERS SUPPLY CO INC				0
DET IMG	215/94		12	ENTIRE LOT	8/10/1966	8/10/1966	DEED	4	CESTARI ANTHONY	VINCY REALTY CORPORATION				0
DET IMG	171/326		12	ENTIRE LOT	6/24/1966	6/24/1966	DEED	2	CESTARI MARIE	CESTARI ANTHONY				0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

SA 3250K Select

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

RECD 2529 PAGE 1951

THIS INDENTURE, made the 15th day of February , nineteen hundred and ninety

BETWEEN

PASQUALE VETRANO, residing at 107 Augusta Avenue
Staten Island, New York 10312

party of the first part, and

607 UNION STREET REALTY ASSOCIATES, INC., a New York corporation with offices at 319 Fifth Avenue, New York, NY 10016

Stamps $1,000.00

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the Southerly side of Sackett Street, distant 110 feet 10 inches Easterly from the corner formed by the intersection of the Southerly side of Sackett Street with the Easterly side of 3rd Avenue;

RUNNING THENCE Southerly parallel with 3rd Avenue, 190 feet to the Northerly side of Union Street;

THENCE Easterly along the Northerly side of Union Street, 86 feet 10 1/2 inches;

THENCE Northerly parallel with 3rd Avenue 190 feet to the Southerly side of Sackett Street:

THENCE Westerly along the Southerly side of Sackett Street 86 feet 10 1/2 inches to the point or place of BEGINNING.

BEING THE SAME PREMISES as conveyed to the Grantors herein by deed dated July 11, 1986 and recorded in the Office of the Clerk of the County of Kings on August 19, 1986 in Reel 1865, page 707 and by Deed dated June 27, 1985 and recorded July 10, 1985 in Reel 1665, page 1239

SAID PREMISES being known as 607 Union Street, Brooklyn, New York 11215

AS IN ORIGINAL

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Pasquale Vetrano
PASQUALE VETRANO, Seller

3290

Standard N.Y.B.T.U. Form 8002. Bargain and Sale Deed, with Covenant Against Grantor's Acts—Individual or Corporation.

REEL 2529 PAGE 1952

STATE OF NEW YORK, COUNTY OF NASSAU ss:

On the 15th day of February 1990, before me personally came PASQUALE VETRANO

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that He executed the same.

JOSHUA N. BLEICHMAN
NOTARY PUBLIC, State of New York
No. 41-4653779
Qualified in Queens County
Commission Expires August 31 19..

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

03-19-90 B-02 GNRF FAID $1.00 1330433

$1.00

03-19-90 B-02 DEED FAID $19.00 1330434

$19.00

BARGAIN AND SALE DEED
WITH COVENANT AGAINST GRANTOR'S ACTS
TITLE NO.

PASQUALE VETRANO

TO

607 UNION STREET REALTY ASSOCIATES, INC.

Recorded at the request of
SELECT ABSTRACT CORPORATION
SA 3250K
607 Union Street

SECTION 2
BLOCK 434
LOT ~~pto~~ Lot 12
COUNTY OR TOWN Kings

TAX MAP

Recorded at Request of COMMONWEALTH LAND TITLE INSURANCE COMPANY

RETURN BY MAIL TO:

Frenkel & Hershkowitz, Esqs.
319 Fifth Avenue
New York, NY 10016

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
COMMONWEALTH LAND
TITLE INSURANCE COMPANY
A Reliance Group Holdings Company

012911

B-3290
RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECORDED IN KINGS

11374
REAL ESTATE
MAR 19 1990
TRANSFER TAX
KINGS
COUNTY

REC. FEE 1000
EST. 03851
EST. #

Standard N.Y.B.T.U. Form 8002 - 1974 —Bargain and Sale Deed, with Covenants against Grantor's Acts—Individual or Corporation (single sheet)

REEL 1865 PAGE 707

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 11th day of July , nineteen hundred and Eighty Six

BETWEEN

ANTHONY VIOLA, residing at 41 Summit Street, Brooklyn, New York 11231, and PASQUALE VETRANO, residing at 107 Augusta Avenue, Staten Island, New York 10312

party of the first part, and

PASQUALE VETRANO residing at 107 Augusta Avenue, Staten Island, New York 10312

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence southerly parallel with 3rd Avenue 190 feet to the northerly side of Union Street, thence easterly along the northerly side of Union Street 86 feet 10½ inches; thence northerly parallel with 3rd Avenue 190 feet to the southerly side of Sackett Street; thence westerly along the southerly side of Sackett Street 86 feet 10½ inches to the point or place of BEGINNING.

THIS being an apportioned part of that parcel recorded in Reel 1665 at page 1239 in the Office of the City Register of Kings County New York on the 10th day of July 1985 at 2:39PM

THIS parcel also known as 607 Union Street, Brooklyn, N.Y. 11215

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Anthony Viola

Pasquale Vetrano

REEL 1865 PAGE 708

STATE OF NEW YORK, COUNTY OF Kings SS:

On the 11th day of July 1986, before me personally came ANTHONY VIOLA

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

Notary Public

MICHAEL A. DeMARCO
Notary Public State of New York
No. 43-5978110
Qualified in Richmond County
Term Expires March 30, 1988

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19, before me personally came to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF Kings SS:

On the 11th day of July 1986, before me personally came PASQUALE VETRANO

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

Notary Public

JOHN MARION
Notary Public, State of New York
No. 41-[illegible] Queens County
Term Expires March 30, 19[illegible]

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19, before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

044550

ANTHONY VIOLA and
PASQUALE VETRANO
TO
PASQUALE VETRANO

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
CHICAGO TITLE INSURANCE COMPANY

SECTION 2
BLOCK 434
LOT 12
COUNTY OR TOWN Kings

TAX MAP

Recorded at Request of
CHICAGO TITLE INSURANCE COMPANY

Return by Mail to

MICHAEL A. DeMARCO, ESQ
26 ROBERTS DRIVE
STATEN ISLAND, N.Y.
Zip No. 10306

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER
County
Witness my hand and official seal

CITY REGISTER

RECEIVED
$ [illegible]
REAL ESTATE
AUG 13 1986
TRANSFER TAX
KINGS COUNTY

1053

REAL ESTATE TRANSFER TAX
SST # 014425
RPT #

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 27th day of June , nineteen hundred and eighty-five

BETWEEN DISTINCTIVE DEVICES, INC., having an office at 95K S. Hoffman Lane, Central Islip, New York 11727

party of the first part, and ANTHONY VIOLA, residing at 41 Summit Street, Brooklyn, New York 11231, and PASQUALE VETRANO, residing at 107 Augusta Avenue, Staten Island, New York 10312

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence southerly parallel with 3rd Avenue 190 feet to the northerly side of Union Street; thence easterly along the northerly side of Union Street, 187 feet 6 inches; thence northerly parallel with 3rd Avenue, 95 feet; thence westerly parallel with Union Street 27 feet 6 inches; thence northerly parallel with 3rd Avenue; 95 feet to the southerly side of Sackett Street; thence westerly along the southerly side of Sackett Street 160 feet to the point or place of BEGINNING.

This deed was made by the grantor corporation in the ordinary course of business.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

DISTINCTIVL DEVICES, INC.

By:

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF NEW YORK ss:

On the 21st day of JUNE 1955, before me personally came [illegible] to me known, who, being by me duly sworn, did depose and say that he resides at No. [illegible]; that he is the [illegible] of Distinctive Devices, Inc., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

CARL RHEINSTEIN
Notary Public, State of New York
No. [illegible]
Qualified in Kings Co. Cert. Filed in Kings Co
Term Expires March 30, 19[illegible]

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

GUARDIAN LAND INSURANCE COMPANY

Bargain and Sale Deed

With Covenant Against Grantor's Acts

TITLE NO. 012536

DISTINCTIVE DEVICES, INC.

TO

ANTHONY VIOLA and PASQUALE VETRANO

SECTION 2
BLOCK 434
LOT 12
COUNTY OR TOWN

RECORDED AT THE REQUEST OF
Lawyers Title Insurance Corporation
RETURN BY MAIL TO

Michael DeMarco, Esq.
26 Roberts Drive
Staten Island, NY 10306
Zip No

STANDARD FORM OF
NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
Lawyers Title Insurance Corporation
Home Office - Richmond, Virginia
750 THIRD AVE. AT 46th ST., NEW YORK, N.Y. 10017
125-10 QUEENS BLVD., KEW GARDENS, N.Y. 11415

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECEIVED
$ REAL ESTATE TRANSFER TAX
KINGS COUNTY

REC. FEE
SEC.
RIT # 011657

U S Internal Revenue Stamps Affixed
Statutory Form Bargain and Sale Deed with Covenant Against Grantor's Acts Individual or Corporation

REEL 592 PAGE 784

Form 1005 - 6 66 1034
City Title Insurance Company

THIS INDENTURE, made the 13th day of October, nineteen hundred and seventy-two

BETWEEN ESCO PACKERS & SUPPLY CO., INC., a Delaware corporation, having its offices and principal place of business at 607 Union Street, Brooklyn, N. Y.,

BK 434
PAGE
LOT 12

party of the first part, and INC DATA, INC., having its offices and principal place of business at 116 East 27th Street, New York, N.Y.,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

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

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence southerly parallel with 3rd Avenue 190 feet to the northerly side of Union Street; thence easterly along the northerly side of Union Street, 187 feet 6 inches; thence northerly parallel with 3rd Avenue, 95 feet; thence westerly parallel with Union Street 27 feet 6 inches; thence northerly parallel with 3rd Avenue; 95 feet to the southerly side of Sackett Street; thence westerly along the southerly side of Sackett Street 160 feet to the point or place of BEGINNING.

SUBJECT to mortgages of record.

This deed was made by the grantor corporation with the unanimous consent of its stockholders.

REAL ESTATE TRANSFER TAX STATE OF NEW YORK 00.00

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

ESCO PACKERS & SUPPLY CO., INC.

By _____
President

ESCO PACKERS & SUPPLY CO., INC. CORPORATE SEAL DELAWARE

REEL 592 PAGE 785

STATE OF NEW YORK, COUNTY OF New York ss:
On the 13 day of October 19 70, before me personally came Salvatore Vantucci
to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:
On the day of 19 , before me personally came
to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same

STATE OF NEW YORK, COUNTY OF New York ss:
On the 13 day of October 19 70, before me personally came Salvatore Vantucci
to me known, who, being by me duly sworn, did depose and say that he resides at No. 1 Blue Bird Lane Huntington, New York ;
that he is the President
of Esco Packers & Supply Co. Inc
, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

Philip Smith

PHILIP SMITH
Notary Public, State of New York
No. 24-6135090
Qualified in Westchester County
Commission Expires March 30, 1972

STATE OF NEW YORK, COUNTY OF ss:
On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.
that he knows
to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto

Title No.

ESCO PACKERS & SUPPLY CO., INC.

TO 41905

IMC DATA, INC.

Bargain and Sale Deed
With Covenant Against Grantor's Acts
Individual or Corporation

The land affected by the within instrument is in Section 2 in Block 434 on the Land Map of the County of Kings.

Recorded at Request of
SMITH, PANISH & GETLAN
635 Madison Avenue
New York N.Y. 10022

CITY TITLE INSURANCE COMPANY

Home Office
61 BROADWAY, N.Y.C. 10006
New York 1, N.Y.
Whitehall 4-2000

Nassau Office
City Title Building
234 OLD COUNTRY ROAD
Mineola, N.Y.
Pioneer 1-4110

Kings County Office
City Title Building
189 Montague Street
Brooklyn 1, N.Y.
MAin 1-2600

New Jersey Office
Broad-Commerce Building
1120 RAYMOND BLVD.
Newark 2, N.J.
Market 3-4600

Westchester Office
4 GRAND STREET
White Plains, N.Y.
WHite Plains 9-4400

Pennsylvania Office
City Title Building
230 LINCOLN HIGHWAY
Levittown, Pennsylvania
Wilmington 7-2000

Suffolk Office
City Title Building
234 OLD COUNTRY ROAD
Mineola, N.Y.
Pioneer 1-4110

Over Seventy Years
The Entire N. Y. S. A.

RECORDED OCT 23 1970 10:39

$ 20.00 $ 20.00 $ 20.00

RECEIVED FOR RECORD OCT 23 1970 AT 10:39 A.M.
REC. NO. 20672

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

CITY REGISTER

C.T. $103.40 Paid

Standard N.Y.B.T.U. Form 8002 • 6-69-70M—Bargain and Sale Deed, with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 409 PAGE 230

THIS INDENTURE, made the 5th day of May , nineteen hundred and seventy

BETWEEN VINCY REALTY CORPORATION, having its Office and principal place of business at 497 Union Street, Brooklyn, New York,

party of the first part, and

ESCO PACKERS ~~AND~~ & SUPPLY CO., INC., a DELAWARE ~~New York~~ Corporation having its Offices and principal place of business at 607 Union Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

434
12

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence southerly parallel with 3rd Avenue 190 feet to the northerly side of Union Street; thence easterly along the northerly side of Union Street, 187 feet 6 inches; thence northerly parallel with 3rd Avenue, 95 feet; thence westerly parallel with Union Street 27 feet 6 inches; thence northerly parallel with 3rd Avenue; 95 feet to the southerly side of Sackett Street; thence westerly along the southerly side of Sackett Street 160 feet to the point or place of BEGINNING.

THIS conveyance is made in the regular course of business actually conducted by the party of the first part.

SUBJECT to a first mortgage presently on said premises originally in the sum of $85,000.00, and presently reduced to the sum of $ 63,750.00, with interest from February 1, 1970.

REAL ESTATE TRANSFER TAX STATE OF NEW YORK 103.40

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

SEAL 1944

VINCY REALTY CORPORATION

By: Carl A. Soranno
Vice-President

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 409 PAGE 231

STATE OF NEW YORK, COUNTY OF KINGS ss:

On the 5th day of May, 1970 , before me personally came CARL S. SORANNO, to me known, who, being by me duly sworn, did depose and say that he resides at No. 9 Prospect Park West Brooklyn, New York, ; that he is the Vice-President of VINCY REALTY CORPORATION , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h[illegible] name thereto by like order.

Frank A Catalano

FRANK A. CATALANO
NOTARY PUBLIC, State of New York
No. 24-0601358
Qualified in Queens County
Commission Expires March 30, 1971

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. 69K05517 K

VINCY REALTY CORPORATION

TO

ESCO PACKERS AND SUPPLY CO., INC.

16292

SECTION 2
BLOCK 434
LOT 17
COUNTY OR KINGS Kings

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

SMITH, PANISH & GETLAN, ESQS.
116 East 27th Street
New York, N.Y. 10016 Zip No.

Recorded by Home Title Guaranty

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY

SUBJECT TO MORTGAGE TAX

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1970 MAY -6 AM 10 64662 64663

REC. FEE 1.00 103.40

MTG. TAX PAID 8407

RPT #

OFFICE OF CITY REGISTER
Kings County
Witness my hand and official seal

CITY REGISTER

REC. 215 PAGE 94

Standard N.Y.B.T.U. Form 8002—8-63—Bargain and Sale Deed with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

(12)

THIS INDENTURE, made the 9th day of August, nineteen hundred and sixty-six

BETWEEN

ANTHONY CESTARI, residing at 1486 East 16th Street, Brooklyn, New York,

party of the first part, and

VINCY REALTY CORPORATION, a domestic corporation with its principal place of business at 497 Union Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence Southerly parallel with 3rd Avenue, 190 feet to the northerly side of Union Street; thence Easterly along the northerly side of Union Street, 187 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet; thence Westerly parallel with Union Street, 27 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet to the southerly side of Sackett Street; and thence Westerly along the southerly side of Sackett Street, 160 feet to the point or place of BEGINNING.

SUBJECT to a purchase money mortgage in the sum of $85,000., dated and intended to be recorded simultaneously herewith.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Anthony Cestari L.S.

Anthony Cestari

REC. 215 PAGE 94

Standard N.Y.B.T.U. Form 8002-8-63—Bargain and Sale Deed with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

121

THIS INDENTURE, made the 9th day of August, nineteen hundred and sixty-six

BETWEEN

ANTHONY CESTARI, residing at 1486 East 16th Street, Brooklyn, New York,

party of the first part, and

VINCY REALTY CORPORATION, a domestic corporation with its principal place of business at 497 Union Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence Southerly parallel with 3rd Avenue, 190 feet to the northerly side of Union Street; thence Easterly along the northerly side of Union Street, 187 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet; thence Westerly parallel with Union Street, 27 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet to the southerly side of Sackett Street; and thence Westerly along the southerly side of Sackett Street, 160 feet to the point or place of BEGINNING.

SUBJECT to a purchase money mortgage in the sum of $85,000., dated and intended to be recorded simultaneously herewith.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Anthony Cestari L.S.

Anthony Cestari

REC. 215 PAGE 94

Standard N.Y.B.T.U. Form 8002—8-63—Bargain and Sale Deed with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

12

THIS INDENTURE, made the 9th day of August , nineteen hundred and sixty-six

BETWEEN

ANTHONY CESTARI, residing at 1486 East 16th Street, Brooklyn, New York,

party of the first part, and

VINCY REALTY CORPORATION, a domestic corporation with its principal place of business at 497 Union Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

UNITED STATES INTERNAL REVENUE DOCUMENTARY 1.10 PD. 10/29/66 $4.95

Z 9 1 6 0 0

BEGINNING at a point on the southerly side of Sackett Street, distant 110 feet 10 inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of 3rd Avenue; running thence Southerly parallel with 3rd Avenue, 190 feet to the northerly side of Union Street; thence Easterly along the northerly side of Union Street, 187 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet; thence Westerly parallel with Union Street, 27 feet 6 inches; thence Northerly parallel with 3rd Avenue, 95 feet to the southerly side of Sackett Street; and thence Westerly along the southerly side of Sackett Street, 160 feet to the point or place of BEGINNING.

SUBJECT to a purchase money mortgage in the sum of $85,000., dated and intended to be recorded simultaneously herewith.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Thomas S. Cyrus

Anthony Cestari L.S.

Anthony Cestari

REC. 215 PAGE 95

STATE OF NEW YORK, COUNTY OF Kings SS:

On the 9th day of August, 19 66, before me personally came

ANTHONY CESTARI,

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

THOMAS MOORE
Notary Public, State of New York
No. 24-2761700
Qualified in Kings County
Commission Expires March 30, 1968

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

31

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. 1472346

ANTHONY CESTARI

TO

VINCY REALTY CORPORATION

SECTION 2
BLOCK 434
LOT 12
COUNTY OR TOWN - Kings

Recorded At Request of American Title Insurance Company
RETURN BY MAIL TO:

Scotto & Mangano
372 Court St
Brklyn NY Zip No.

36663

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS

Distributed by American TITLE INSURANCE COMPANY
GUARANTEED TITLE DIVISION

MAIL

NOT SUBJECT TO REAL ESTATE TAX

THE TITLE GUARANTEE COMPANY
186 REMSEN STREET, BROOKLYN, N.Y.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1966 AUG 10 PM 2:32

AUG-10-66 128374

CITY REGISTER

Kings County
RECORDED
Witness my hand
and official seal

CITY OF NEW YORK

RETURN RPT #

TAX PAID

REC. 171 PAGE 326

Standard N.Y.B.T.U. Form 8002–8-63–Bargain and Sale Deed with Covenant against Grantor's Acts–Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 22nd day of June , nineteen hundred and sixty-six

BETWEEN

MARIE CESTARI, residing at 501 Avenue C, Brooklyn, New York,

party of the first part, and

ANTHONY CESTARI, residing at 1486 East 16th Street, Brooklyn , New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

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

BEGINNING at a point on the southerly side of Sackett Street distant one hundred ten feet ten inches easterly from the corner formed by the intersection of the southerly side of Sackett Street with the easterly side of Third Avenue and running thence southerly parallel with Third Avenue one hundred ninety feet to the northerly side of Union Street; thence easterly along the northerly side of Union Street one hundred eight-seven feet six inches; thence northerly parallel with Third Avenue ninety-five feet; thence westerly parallel with Union Street twenty-seven feet six inches; thence northerly parallel with Third Avenue ninety-five feet to the southerly side of Sackett Street; and thence westerly along the southerly side of Sackett Street, one hundred sixty feet to the point or place of BEGINNING.

Said premises are sold in an "As Is" condition and subject to a state of facts an accurate survey may show.

SUBJECT to a purchase money first mortgage in the sum of $15,000.00 given to secure the consideration for this sale by mortgage dated and intended to be recorded simultaneously herewith.

SUBJECT to any unpaid taxes or liens of record.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Peter J. Kimpel

Marie Cestari L.S.

Marie Cestari

REC. 171 PAGE 327

STATE OF NEW YORK, COUNTY OF Kings ss:

On the 22nd day of M June, 19 66, before me personally came

Marie Cestari

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that she executed the same.

THOMAS B. AGRESTA
Notary Public, State of New York
No. 41-5029010 - Queens County
Terms Expires March 30, 19 68

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE No.

MARIE CESTARI

TO

ANTHONY CESTARI

STANDARD FORM OF
NEW YORK BOARD OF TITLE UNDERWRITERS

Distributed by

American TITLE INSURANCE COMPANY

GUARANTEED TITLE DIVISION

28696

SECTION 2
BLOCK 434
LOT 12
COUNTY OR TOWN Kings

Recorded At Request of American Title Insurance Company

RETURN BY MAIL TO:

AGRESTA & MALERBA, ESQS.
32 COURT STREET
BROOKLYN, N. Y. 11201

Zip No.

RETURN TO:

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

CITY REGISTER

RETURN RPT # 11494

JUN-24-66 101825

'66 JUN 24 PM 2:23

THIS SPACE FOR USE OF RECORDING OFFICE

Appendix H
Freedom of Information Act (FOIL) Request and Response

Evan Greenberg

From: Evan Greenberg
Sent: Wednesday, June 1, 2022 3:25 PM
To: 'Recordsaccess@health.nyc.gov'
Subject: Records Requested. 601 Union Street

Dear Records Officer,

Athenica Environmental Services is conducting a Phase I Environmental Site Assessment Research at the following location:

Address: 601 Union Street, Brooklyn, New York 11215
County: Kings County
Tax Block: 434
Map Lot: 1, 12

Please consider this a Freedom of Information Act request, for information that you may have pertaining to the release of petroleum products and/or hazardous materials, or any other environmental concerns for this location. This property may also be listed as: 601-621 Union Street, 231-249 3rd Avenue, 602-614 Sackett Street. Your assistance is appreciated.

Evan Greenberg, EIT
Project Engineer
347-661-5428 (Cell)
718-784-7490 (Office)
Pronouns: he, him, his

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants
A NYS/NYC WBE COMPANY

45-09 Greenpoint Avenue
Long Island City, New York 11104
Phone: (718) 784-7490
Fax: (718) 784-4085
http://www.athenica.com

SUBSCRIBE to our Newsletter

Evan Greenberg

From: donotreply@records.nyc.gov
Sent: Wednesday, June 1, 2022 3:16 PM
To: Evan Greenberg
Subject: [OpenRecords] Request FOIL-2022-826-02665 Submitted to Department of Environmental Protection (DEP)

Your request FOIL-2022-826-02665 has been successfully submitted to the Department of Environmental Protection (DEP). The details of your request are shown below.

Request Title: FOIL Records request- 601 Union Street

Request Description: Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215, . Athenica Environmental Services is seeking information for the above referenced property with respect to the following: reported spills or releases of petroleum or hazardous materials, air permits or complaints, environmental Quality Review Actions (SEQRA), violations and/or fines, and reports of investigations or inspections relating to the environmental condition of the property. Alternate addresses may include 231-249 3rd Avenue, 602-614 Sackett Street, 601-609 Union Street, and 613-621 Union Street.

Requester's Contact Information

Name:
Evan Greenberg
Title:
Engineer
Organization:
Athenica Environmental Services
Email:
Egreenberg@athenica.com
Phone Number:
(718) 784-7490
Fax Number:
Not provided
Street Address (line 1):
45-09 Greenpoint Avenue
Street Address (line 2):
Not provided
City:
Long Island City
State:
NY
Zip Code:
11104

You can view the request and take any necessary action at the following webpage: https://a860-openrecords.nyc.gov/request/view/FOIL-2022-826-02665.

(/)

Your request has been submitted!

You can expect an acknowledgment from the City of New York within 5 business days. The agency will use the contact information you provided.

All messages from the City of New York and/or the information and documents you requested will be posted to this page.

FOIL-2022-826-02665

Title:
Under Review

Open

Department of Environmental Protection (DEP)

Acknowledgment
Due Date:
06/08/2022

Contact the Agency

Responses

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Evan Greenberg

From: donotreply@records.nyc.gov
Sent: Wednesday, June 1, 2022 3:18 PM
To: Evan Greenberg
Subject: [OpenRecords] Request FOIL-2022-002-00457 Submitted to Mayor's Office of Environmental Remediation (OER)

Your request FOIL-2022-002-00457 has been successfully submitted to the Mayor's Office of Environmental Remediation (OER). The details of your request are shown below.

Request Title: FOIL Records request- 601 Union Street

Request Description: Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215, . Athenica Environmental Services is seeking information for the above referenced property with respect to the following: any remedial investigations or remedial actions conducted under the oversight of NYCMOER, to address on-Site E-Designations.

Requester's Contact Information

Name:
Evan Greenberg
Title:
Engineer
Organization:
Athenica Environmental Services
Email:
Egreenberg@athenica.com
Phone Number:
(718) 784-7490
Fax Number:
Not provided
Street Address (line 1):
45-09 Greenpoint Avenue
Street Address (line 2):
Not provided
City:
Long Island City
State:
NY
Zip Code:
11104

You can view the request and take any necessary action at the following webpage: https://a860-openrecords.nyc.gov/request/view/FOIL-2022-002-00457.

(/)

Your request has been submitted!

You can expect an acknowledgment from the City of New York within 5 business days. The agency will use the contact information you provided.

All messages from the City of New York and/or the information and documents you requested will be posted to this page.

FOIL-2022-002-00457

Title:
Under Review

Open

Mayor's Office of Environmental Remediation (OER)

Acknowledgment
Due Date:
06/08/2022

Contact the Agency

Responses

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Evan Greenberg

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Wednesday, June 1, 2022 3:15 PM
To: Evan Greenberg
Subject: FOIL Request :: W101904-060122

Dear Evan:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 6/1/2022 and given the reference number FOIL #W101904-060122 for tracking purposes. You may expect the Department's response to your request no later than **6/29/2022**.

Record Requested: **Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215, . Athenica Environmental Services is seeking information for the above referenced property with respect to the following: reported spills or releases of petroleum or hazardous materials, air permits or complaints, environmental Quality Review Actions (SEQRA), violations and/or fines, and reports of investigations or inspections relating to the environmental condition of the property. Alternate addresses may include 231-249 3rd Avenue, 602-614 Sackett Street, 601-609 Union Street, and 613-621 Union Street.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at:
https://newyorkdec.mycusthelp.com/webapp//_rs/RequestEdit.aspx?rid=101904

(https://www.dec.ny.gov/)

Public Records Center

MENU

Public Records Menu

FAQs

See All FAQs (FindAnswers.aspx)

How to contact NYSDEC about FOIL? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=153)

Response time to my FOIL request? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=146)

Fees I have to pay? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=147)

Exceptions to disclosing records? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=151)

Can I inspect documents first? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=150)

Processing of my request? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=149)

How I pay fees? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=148)

How do I appeal a denial of access? (/WEBAPP/_rs/(S(w53awu1sispyxgvec4hm2mom))/AnswerDetail.aspx?sSessionID=10817660226OWFDGTJOOWHDDLMYTP[CONGBVUPOU&aid=152)

Reference No: W101904-060122

Contact E-Mail: Egreenberg@athenica.com

Dear Evan:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 6/1/2022 and given the reference number FOIL #**W101904-060122** for tracking purposes. You may expect the Department's response to your request no later than **6/29/2022**.

Record Requested: **Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215. , Athenica Environmental Services is seeking information for the above referenced property with respect to the following: reported spills or releases of petroleum or hazardous materials, air permits or complaints, environmental Quality Review Actions (SEQRA), violations and/or fines, and reports of investigations or inspections relating to the environmental condition of the property. Alternate addresses may include 231-249 3rd Avenue, 602-614 Sackett Street, 601-609 Union Street, and 613-621 Union Street.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx (https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx)

New York State Department of Environmental Conservation, Record Access Office

Powered by GovQA

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Evan Greenberg; Athenica Environmental Services
Name

45-09 Greenpoint Avenue, Long Island City
Address

New York 11104
State Zip Code

718-784-7490
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B FUEL TANK REPORT - FEE $10.00 / PER REPORT

601 Union Street. Block 434, Lots 1 and 12; AKA 601-621 Union St
231-249 3rd Avenue, 602-614 Sackett Street
House Number Street Name

Brooklyn
Borough

- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS**
- [ ] **THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS**
- [ ] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS**
- [ ] **MOST RECENT TANK / PIPING TEST RESULTS**
- [X] **HISTORY OF BURIED TANKS LEAKS**

Note: Requests will be responded to within 10 business days.

PR3 (July-08)

New York City Fire Department Fuel Tank Special Report

The New York City Fire Department issues New York City Fire Code Fuel Tank Inspection Reports and issues violations for bulk fuel storage tanks within New York City. The FDNY does not maintain copies of Fuel Tank Inspection Report records for bulk fuel storage tanks located outside of New York City.

Where do I obtain a copy of my FDNY Fuel Tank Special Report?

- You can perform an on-line search for a summons, see a copy of the summons, find your NYC Office of Administrative Trials and Hearings (OATH) Environmental Control Board (ECB) hearing date, hearing results, and make payments. You can search for this information by name, address or the summons number. You can search for this information by name, address or the summons number by going to the Summons Finder.
- You may obtain copies from the FDNY Public Records Unit through the following methods,
    - In Person
    - By Mail
    - Online

If you are picking your Report up in person or want to request the records by mail, please either visit or mail requests to:

FDNY Public Records Unit
9 MetroTech Center- First Floor
Brooklyn, N.Y. 11201
Use the FLATBUSH AVENUE ENTRANCE
Hours of Operation: Monday - Friday 9:00am to 4:00pm (except Holidays)
(718) 999-1998 or 1999

Who is eligible to obtain a copy of a FDNY Fuel Tank Special Report?

- Anyone may obtain a copy of a FDNY Fuel Tank Special Report.

What is the fee for a copy of an FDNY Fuel Special Tank Report?

- The fee is $10.00 per Report.
- Payments for Mail or Online requests may be made by check or money order payable to the New York City Fire Department - **Do not send cash**.
    - *NOTE: Payments submitted from foreign countries must be made by a check drawn on a United States bank or by international money order.*

Evan Greenberg

From: donotreply@records.nyc.gov
Sent: Wednesday, June 1, 2022 3:58 PM
To: Evan Greenberg
Subject: [OpenRecords] Request FOIL-2022-002-00457 Closed

The Mayor's Office of Environmental Remediation (OER) has **denied** your FOIL request FOIL-2022-002-00457 for the following reasons:

- A diligent search for records responsive to your request did not locate any such records. Accordingly, your request is denied.

Please visit FOIL-2022-002-00457 to view additional information and take any necessary action. You may appeal the decision to deny access to material that was redacted in part or withheld in entirety by contacting the agency's FOIL Appeals Officer: foil-oer@cityhall.nyc.gov within 30 days.

W101904-060122 - Freedom of Information Law Request

Message History (3)

On 6/22/2022 10:03:29 AM, New York DEC Support wrote:

Subject: Freedom of Information Law Request :: W101904-060122
Body:
RE: PUBLIC RECORDS REQUEST of 6/1/2022, Reference # W101904-060122

Date: 06/22/2022

Dear Evan Greenberg,

I write in response to your 6/1/2022 Freedom of Information Law (FOIL) request, seeking:

> *Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215, . Athenica Environmental Services is seeking information for the above referenced property with respect to the following: reported spills or releases of petroleum or hazardous materials, air permits or complaints, environmental Quality Review Actions (SEQRA), violations and/or fines, and reports of investigations or inspections relating to the environmental condition of the property. Alternate addresses may include 231-249 3rd Avenue, 602-614 Sackett Street, 601-609 Union Street, and 613-621 Union Street.*

The facility 2-601627 is regulated under the Department's Petroleum Bulk Storage Program (PBS). The facility name is SJ FUEL CO. INC., and is located at 601 Union Street. The facility status is active, and the facility registration/license expired 11/02/2013.

Be advised that your request has been denied in accordance with one or more of the following provisions of the Public Officers Law (POL):

- POL 87.2.f. Could endanger the life or safety of any person if disclosed.
- POL 87.2. Critical infrastructure information which, if disclosed, could jeopardize the health, safety, welfare or security of the state, its residents or its economy, within the meaning of POL 86.5.

If you believe you have been unlawfully denied access to records, you have the right to appeal. Any such appeal must be submitted in writing and within thirty (30) days of the date of this email. Appeals must be directed to:

FOIL Appeals Officer
Office of General Counsel
New York State Department of Environmental Conservation
625 Broadway, 14th Floor
Albany, NY 12233-1500

Your FOIL request is now closed. Please reference FOIL #W101904-060122 in all future correspondence concerning this request. Thank you.

Sincerely,

Region 2 FOIL Coordinator

On 6/1/2022 3:14:41 PM, New York DEC Support wrote:

Dear Evan:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 6/1/2022 and given the reference number FOIL #W101904-060122 for tracking purposes. You may expect the Department's response to your request no later than **6/29/2022**.

Record Requested: **Records Requested: Brooklyn Block 434, Lots 1 and 12. 601 Union Street, NY 11215, . Athenica Environmental Services is seeking information for the above referenced property with respect to the following: reported spills or releases of petroleum or hazardous materials, air permits or complaints, environmental Quality Review Actions (SEQRA), violations and/or fines, and reports of investigations or inspections relating to the environmental condition of the property. Alternate addresses may include 231-249 3rd Avenue, 602-614 Sackett Street, 601-609 Union Street, and 613-621 Union Street.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at:
https://newyorkdec.mycusthelp.com/webapp//_rs/RequestEdit.aspx?rid=101904

On 6/1/2022 3:14:40 PM, Evan Greenberg wrote:

Request Created on Public Portal

FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

Ref No: T- 64986

EVAN GREENBERG
ATHENICA ENVIRONMENTAL SERVICES
45-09 GREENPOINT AVE
LONG ISLAND CITY. NY 11104

Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	$30 - Motor - Existing, Removed & Leaks		
*Search Address	601-621 UNION ST 231-249 3 AVE		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	41081
*Data Entered	6/17/2022	*Entered By	AD
Account Number	2 ACCTS	Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion
01	3,000 Gallons			
02	275 Gallons			

***Additional Information**

SEE ATTACHMENT FOR MORE INFORMATION DISTRICT OFFICE #11 (718) 999-2451 HISTORICAL SEARCH COMPLETED for leaks, hazardous materials incidents, analytical data & information please contact the EPA or

***Status** Completed - Record not found

IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION STAMP AND UNIT EMPLOYEE'S SIGNATURE.

Place FDNY Certification Stamp Below
I CERTIFY THAT THIS IS A TRUE COPY OF AN ORIGINAL FIRE DEPT. RECORD KEPT IN THE NORMAL COURSE OF BUSINESS
SIGN:

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/17/2022 AD
C- 6/17/2022 AD

DO 11 ACCTNUM 24092835 TYPE 20 PFX C ADMINCO E226

NAME S J FUEL CO INC OWNESTDT 07/20/04 BALDUE 0.00

LASTINSP 12/21/20 EXPDT 09/20/21 INSPSNTDT 07/19/21 YRLYFEE 90.00

LASTBILL 12/30/20 LASTPAID 01/25/21 PYMTCLR PERMSNTDT 02/03/21

NOFEEFL 0 OPEN 5 0 NOACCESS 1

CVRCREATEDT 7/21/2004

PREMISES

1-3000 GAL TANK.

601 UNION ST

112151033 BORO 4

ACCTSTAT	0	NO CHANGE
ACTNGSTAT	0	FULL PAYMENT RECEIVED
INSPSTAT	3	INSP ORDER SENT 31 TO 60 DAYS AGO
PERMSTAT	0	PERMIT GENERATED
VIOFL	0	VIOLATIONS CLEARED

ITEM CODE	SUB CODE	NUM ITEMS
202	01	001

ITEM DESC

FO NO C OF F 1100 GAL OR MORE

DO 11 ACCTNUM 05745120 TYPE 25 PFX C ADMINCO E226

NAME S.J. FUEL CO INC OWNESTDT 09/30/83 BALDUE 0.00

LASTINSP 12/21/20 EXPDT 09/01/22 INSPSNTDT 06/12/20 YRLYFEE 90.00

LASTBILL 12/30/20 LASTPAID 01/25/21 PYMTCLR PERMSNTDT 02/03/21

NOFEEFL I OPEN 5 0 NOACCESS 1

CVRCREATEDT 9/14/1984

PREMISES

FUEL OIL 2X275 GAL

8 CEILING SUSPENDED HEATERS

601 UNION ST

112151033 BORO 4

ACCTSTAT	0	NO CHANGE
ACTNGSTAT	0	FULL PAYMENT RECEIVED
INSPSTAT	0	INSPECTED AND PASSED
PERMSTAT	0	PERMIT GENERATED
VIOFL	0	VIOLATIONS CLEARED

ITEM CODE	SUB CODE	NUM ITEMS
202	00	001

ITEM DESC

FO NO C OF F = TO OR < 550 GAL

Appendix I
Vapor Encroachment Evaluation

601 Union Street
601 Union Street
Brooklyn, NY 11217

Inquiry Number: 7002364.2s
July 8, 2022

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	1
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
Lists of state- and tribal (Superfund) equivalent sites	not searched	-	-	-
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	1
Lists of state and tribal leaking storage tanks	0.5	0	4	3
Lists of state and tribal registered storage tanks	0.5	1	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	2	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	1
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	property	0	-	-
Records of Emergency Release Reports	0.125	0	2	1
Other Ascertainable Records	1.0	2	1	2

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	5	1
Exclusive Recovered Govt. Archives	property	0	-	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	5	1
Exclusive Recovered Govt. Archives	property	0	-	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

601 UNION STREET
601 UNION STREET
BROOKLYN, NY 11217

COORDINATES

Latitude (North):	40.678554 - 40° 40′ 42.796326″
Longitude (West):	73.98492 - 73° 59′ 5.7000732″
Elevation:	18 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
A 2 Z ENVIRONMENTAL LLC 601 UNION ST BROOKLYN, NY 11215	FINDS Registry ID:: 110044830261 ECHO Registry ID: 110044830261
A 2 Z ENVIRONMENTAL LLC 601 UNION ST BROOKLYN, NY 11215	RCRA NonGen / NLR EPA ID:: NYR000187302
SJ FUEL CO. INC. 601 UNION STREET BROOKLYN, NY 11215	TANKS Site Status: Active Facility Id: 2-601627

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
SJ FUEL CO. INC. TANKS: TANKS	601 UNION STREET	Property	▲ A3	14
585 UNION STREET BROWNFIELDS: BROWNFIELDS	577-599 UNION STREET (AKA 586 SACKETT STREET)	<1/10 WNW	◆ C7	20
AJR (COMMERCIAL BLDG.) LTANKS: LTANKS	599 DEGRAW ST	<1/10 NE	▲ 8	23
540 PRESIDENT STREET LTANKS: LTANKS	540 PRESIDENT STREET	<1/10 S	▲ 9	25
204 4TH AVENUE BROWNFIELDS: BROWNFIELDS	204 4TH AVENUE	<1/10 ESE	▲ BF11	26
HESS STATION 32530 NY Spills: SPILLS LTANKS: LTANKS	204-222 4TH AVENUE	<1/10 ESE	▲ BF12	29
4TH & SACKETT STREET LTANKS: LTANKS	4TH & SACKETT STREET	<1/10 ESE	▲ G15	58
RINALDI RECYCLING CO. INC. SWF/LF: SWF/LF	182 4TH AVE.	1/10 - 1/3 E	▲ H17	60
SPILL NUMBER 0209206 LTANKS: LTANKS	11 LINCOLN PLACE	1/10 - 1/3 ESE	▲ 21	63
19 BERKELEY PL LTANKS: LTANKS NY Spills: SPILLS	19 BERKELEY PL	1/10 - 1/3 ESE	▲ 22	65
ECONOMY CLEANERS RCRA-VSQG: RCRA-VSQG US AIRS: US AIRS (AFS) MANIFEST: NY MANIFEST LTANKS: LTANKS	123 5TH AVE	1/10 - 1/3 E	▲ 23	67

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
A 2 Z ENVIRONMENTAL LLC FINDS: FINDS ECHO: ECHO	601 UNION ST	Property	▲ A1	10

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
A 2 Z ENVIRONMENTAL LLC RCRA NonGen / NLR: RCRA NonGen / NLR	601 UNION ST	Property	▲ A2	11
MATTHEWS INTERNATIONAL CASKET DIV RCRA NonGen / NLR: RCRA NonGen / NLR	585 UNION ST	<1/10 W	◆ C5	15
COMMERCIAL NY Spills: SPILLS	585 UNION STREET	<1/10 W	◆ C6	18
HESS STATION 32530 NY Spills: SPILLS LTANKS: LTANKS	204-222 4TH AVENUE	<1/10 ESE	▲ BF12	29
RINALDI RECYCLING CO. SWRCY: SWRCY	326 DOUGLASS STREET	1/10 - 1/3 ENE	▲ H18	61
RALPH'S CLEANERS DRYCLEANERS: DRYCLEANERS	230 FIFTH AVE.	1/10 - 1/3 SE	▲ 20	63
19 BERKELEY PL LTANKS: LTANKS NY Spills: SPILLS	19 BERKELEY PL	1/10 - 1/3 ESE	▲ 22	65
ECONOMY CLEANERS RCRA-VSQG: RCRA-VSQG US AIRS: US AIRS (AFS) MANIFEST: NY MANIFEST LTANKS: LTANKS	123 5TH AVE	1/10 - 1/3 E	▲ 23	67

EDR HIGH RISK HISTORICAL RECORDS

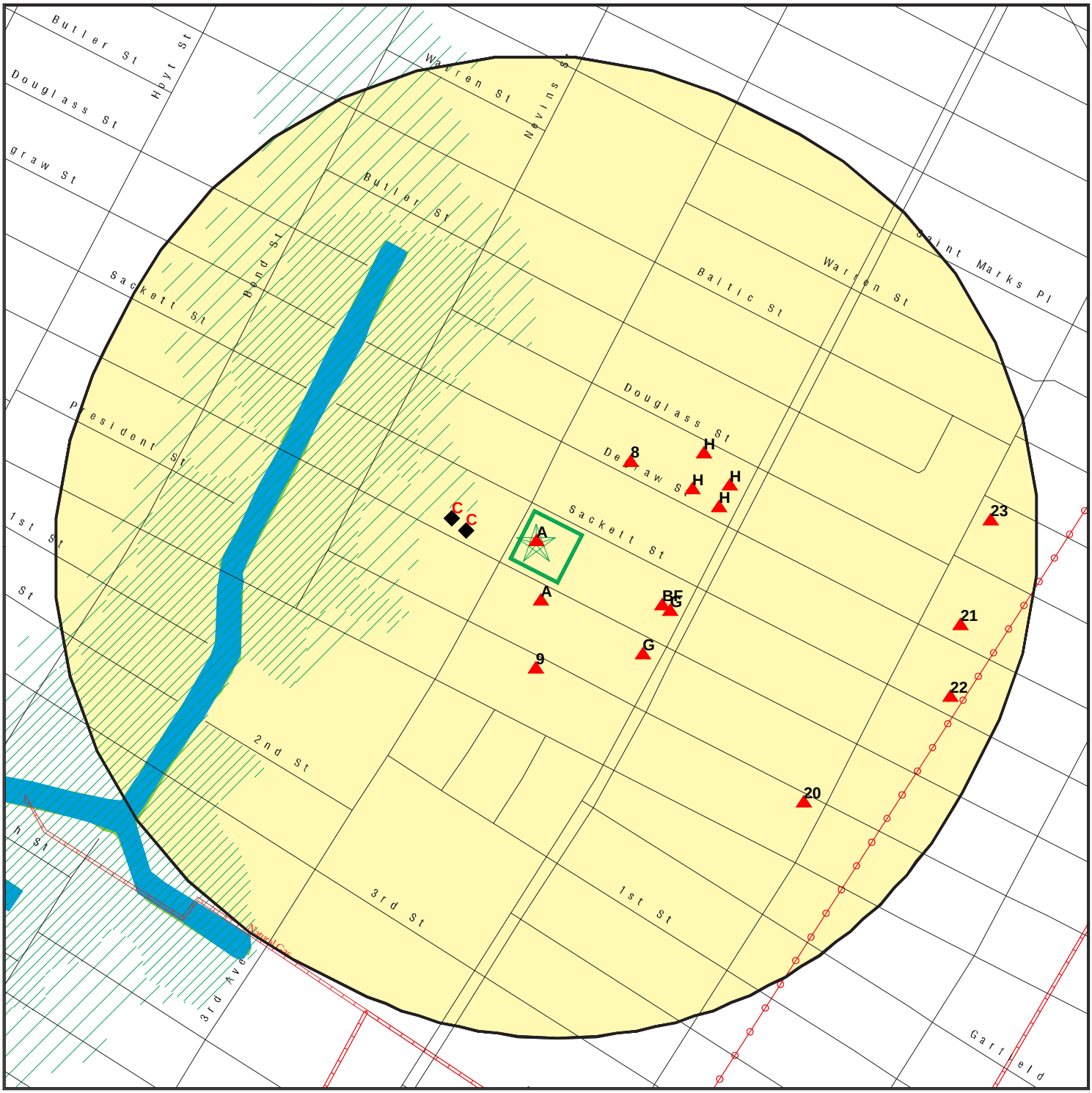
Name	Address	Dist/Dir	Map ID	Page
PARKSIDE AUTO CARE CENTER INC EDR Hist Auto: EDR Hist Auto	584 UNION ST	<1/10 SSE	▲ A4	14
HESS CORPORATION EDR Hist Auto: EDR Hist Auto	204222 4TH AVE	<1/10 ESE	▲ BF10	26
MERIT GASOLINE STATIONS EDR Hist Auto: EDR Hist Auto	210 4TH AVE	<1/10 ESE	▲ G13	57
B M T STOP DRY CLEANERS INC EDR Hist Cleaner: EDR Hist Cleaner	230 4TH AVE STE B	<1/10 SE	▲ G14	57
76 5TH AVE HOUSING DVLPT FUND EDR Hist Auto: EDR Hist Auto	621 DEGRAW ST	<1/10 ENE	▲ H16	60
LESLIE AND BROTHERS SVC STN EDR Hist Auto: EDR Hist Auto	164 4TH AVE	1/10 - 1/3 ENE	▲ H19	62

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 7002364.2S



0 300 1/3 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 601 Union Street ADDRESS: 601 Union Street Brooklyn NY 11217 LAT/LONG: 40.678554 / 73.98492	CLIENT: Athenica Env. Services Inc. CONTACT: Evan Greenberg INQUIRY #: 7002364.2s DATE: July 06, 2022 12:23 pm

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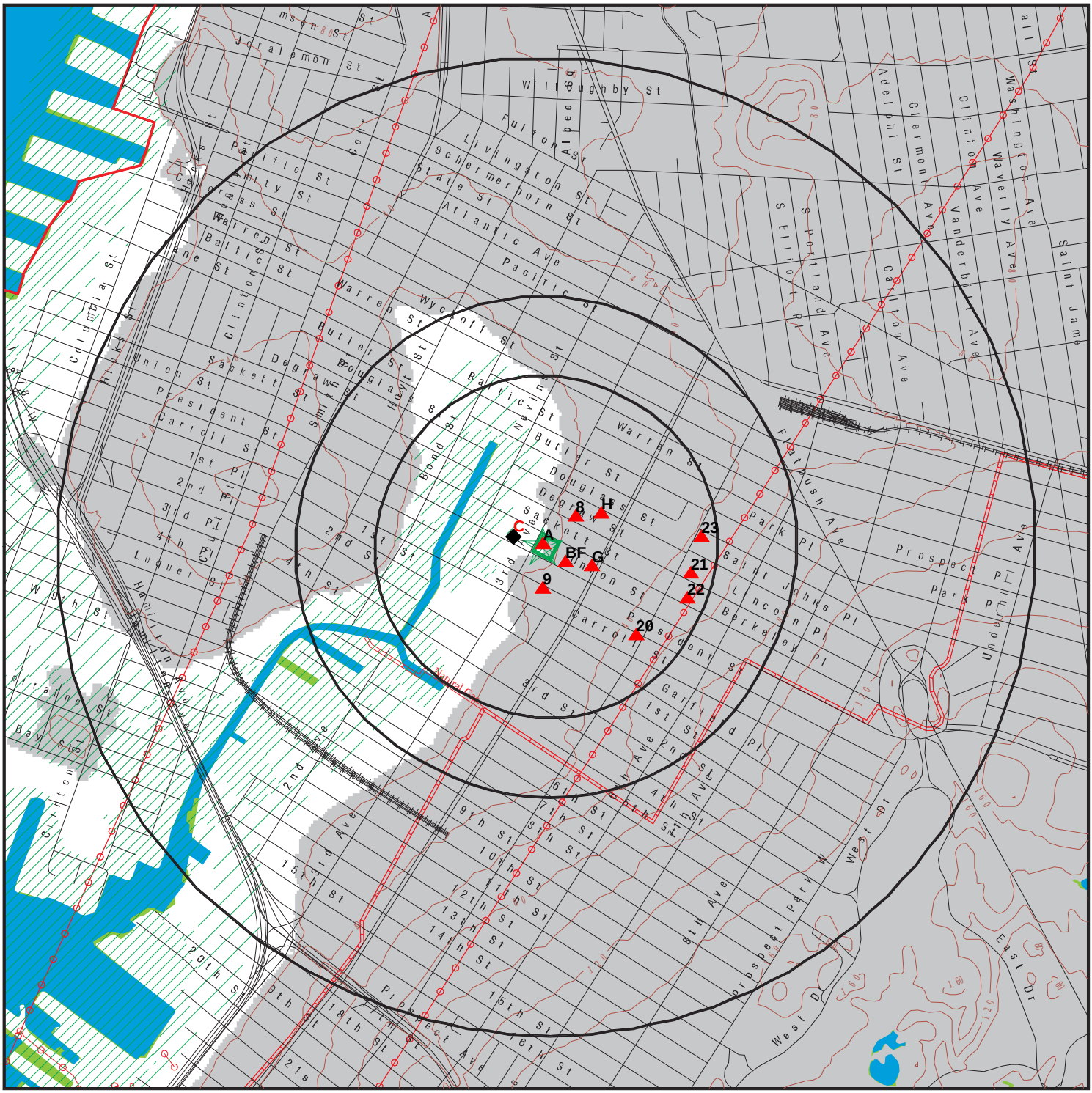
SECONDARY MAP - 7002364.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 601 Union Street ADDRESS: 601 Union Street Brooklyn NY 11217 LAT/LONG: 40.678554 / 73.98492	CLIENT: Athenica Env. Services Inc. CONTACT: Evan Greenberg INQUIRY #: 7002364.2s DATE: July 06, 2022 12:21 pm

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

A 2 Z ENVIRONMENTAL LLC 601 UNION ST, BROOKLYN, NY, 11215		1016039501
▲ A1	Target Property 18 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

FINDS: Other Ascertainable Records

Registry ID:	110044830261
Click Here:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110044830261

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The Click here to access additional Click here to access additional FINDS: detail in the EDR Site Report. detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6RYx6CByRhjcY7B4xqIT3Ce.C3UjB040yPR7APwkhFbvjPe.c5Pf4T.h7eFYBPsf4BOf3GX0qJAAILbHT5Qf4IIZCWuZeQmu.F.BBqeP3L9qUuJfj.N7Bdot0Xmq4Kfz0GEU6hGfPmvSRoar7Mv9B84gPZdQw5lLkt386lkBRHxzY6I.xzwt3UCLCVX5Bn8DyDwL9Z7NhTqwjIuxc6Td35WJ7ULCBrxE4xLNAYQ4qB4XIoJZT9fd3Hu7ChxmeNsM.q.P9ZYD3LL8UTPPjd6i5SFv0yjo4e6Q0fwc5gNoPEtNRrAu7M6P6dYzR7z7YPDpxSRb4wwmCJcyBC5Tyg.v3NwThgxcjnd.cT1JAYzp7DAiBwGx4dgi3rZpqoS5IHm9TGvk3c.HCWXWeFbe.Vom56S13LsBUjNEjXDq6gEK0c5Z4LJk0pM69qqKPwF6RfWs75n.7ESbPowzwmv3kM.L2lOlFiw6bUygvvrz5BPqP8pPenkL.1cfvmLM5hFwPPPOfmk66HURRGPDYUGbxCam4td4CIuFBscByWJZ3vashG7BjLM6ct7g4.XH73XuBLmd4wAi3xThqpeLIVj.T5Vy4MwaCiAHeGv3.gpy9OCo3NlsU4ORjrea3K0j0gKO4Y640KSe6YqmPnirRiQu7MtTCzwoPSd8wXBTkGpg85f7FnLZbTyiv.Kd3JCUPZBMeGxm.YtM4Ant5yu6P3Nofhwh3 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO:

Envid:	1016039501
Registry ID:	110044830261
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044830261
Name:	A 2 Z ENVIRONMENTAL LLC
Address:	601 UNION ST
City,State,Zip:	BROOKLYN, NY 11215

A 2 Z ENVIRONMENTAL LLC 601 UNION ST, BROOKLYN, NY, 11215		1014926942
▲ A2	Target Property 18 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

RCRA NonGen / NLR: Other Ascertainable Records

Date Form Received by Agency:	20111129
Handler Name:	A 2 Z ENVIRONMENTAL LLC
Handler Address:	601 UNION ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYR000187302
Contact Name:	KEVIN M BARTLEY
Contact Address:	BARTLEY RD
Contact City,State,Zip:	JACKSON, NJ 08527
Contact Telephone:	877-388-8265
Contact Fax:	732-364-6515
Contact Email:	MRKBARTLEY@HOTMAIL.COM
Contact Title:	PRESIDENT
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BARTLEY RD
Mailing City,State,Zip:	JACKSON, NJ 08527
Owner Name:	601 UNION STREET REALTY CORP
Owner Type:	Private
Operator Name:	KEVIN M BARTLEY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

A 2 Z ENVIRONMENTAL LLC, 601 UNION ST, BROOKLYN, NY 11215 (Continued)

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not Reported

A 2 Z ENVIRONMENTAL LLC, 601 UNION ST, BROOKLYN, NY 11215 (Continued)

Manifest Broker:	Not Reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	601 UNION STREET REALTY CORP
Legal Status:	Private
Date Became Current:	19890830
Date Ended Current:	Not Reported
Owner/Operator Address:	601 UNION ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11215
Owner/Operator Telephone:	877-388-8265
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEVIN M BARTLEY
Legal Status:	Private
Date Became Current:	20110701
Date Ended Current:	Not Reported
Owner/Operator Address:	Not Reported
Owner/Operator City,State,Zip:	Not Reported
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20111129
Handler Name:	A 2 Z ENVIRONMENTAL LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	54162
NAICS Description:	ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:

A 2 Z ENVIRONMENTAL LLC, 601 UNION ST, BROOKLYN, NY 11215 (Continued)

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

SJ FUEL CO. INC. 601 UNION STREET, BROOKLYN, NY, 11215		U003396247
▲ A3	Target Property 18 ft. Above Sea Level	Lists of state and tribal registered storage tanks

Worksheet:

Impact on Target Property: Undetermined

TANKS: Lists of state and tribal registered storage tanks

Name:	SJ FUEL CO. INC.
Address:	601 UNION STREET
City,State,Zip:	BROOKLYN, NY 11215
Facility Id:	2-601627
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	11/02/2013
UTM X:	585771.97343
UTM Y:	4503547.22018

PARKSIDE AUTO CARE CENTER INC 584 UNION ST, BROOKLYN, NY, 11215			1020924484
▲ A4	SSE <1/10 2 ft. Higher Elevation	(101 ft. / 0.019 mi.) 20 ft. Above Sea Level	EDR Exclusive Records

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1994:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1994:	PARKSIDE SVCE CENTER OF BKLYN / Gasoline Service Stations
1995:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1996:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1997:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1998:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
1999:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2000:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2001:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops

PARKSIDE AUTO CARE CENTER INC, 584 UNION ST, BROOKLYN, NY 11215 (Continued)

2002:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2003:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2004:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2005:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2006:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2007:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2008:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2009:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2010:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2011:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2012:	PARKSIDE AUTO CARE CENTER INC / General Automotive Repair Shops
2013:	PARKSIDE SERVICE CTR BROOKLYN / General Automotive Repair Shops
2014:	PARKSIDE SVC CTR OF BROOKLYN / General Automotive Repair Shops

MATTHEWS INTERNATIONAL CASKET DIV 585 UNION ST, BROOKLYN, NY, 11215			1018158807
◆ C5	W <1/10	(200 ft. / 0.038 mi.)	Other Ascertainable Records
	3 ft. Lower Elevation	15 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA NonGen / NLR: Other Ascertainable Records

Date Form Received by Agency:	20150811
Handler Name:	MATTHEWS INTERNATIONAL CASKET DIV
Handler Address:	585 UNION ST
Handler City,State,Zip:	BROOKLYN, NY 11215
EPA ID:	NYN008027997
Contact Name:	CHRISTOPHER ZANETAKOS
Contact Address:	UNION ST
Contact City,State,Zip:	BROOKLYN, NY 11215
Contact Telephone:	718-852-6606
Contact Fax:	Not Reported
Contact Email:	Not Reported
Contact Title:	MGR
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Not Reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	UNION ST
Mailing City,State,Zip:	BROOKLYN, NY 11215
Owner Name:	Not Reported
Owner Type:	Not Reported

MATTHEWS INTERNATIONAL CASKET DIV, 585 UNION ST, BROOKLYN, NY 11215 (Continued)

Operator Name:	Not Reported
Operator Type:	Not Reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported

MATTHEWS INTERNATIONAL CASKET DIV, 585 UNION ST, BROOKLYN, NY 11215 (Continued)

Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20150811
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not Reported
Manifest Broker:	Not Reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150811
Handler Name:	MATTHEWS INTERNATIONAL CASKET DIV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not Reported
Violation Short Description:	Not Reported
Date Violation was Determined:	Not Reported
Actual Return to Compliance Date:	Not Reported
Return to Compliance Qualifier:	Not Reported
Violation Responsible Agency:	Not Reported
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported

MATTHEWS INTERNATIONAL CASKET DIV, 585 UNION ST, BROOKLYN, NY 11215 (Continued)

Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Evaluation Action Summary:

Evaluation Date:	20150806
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2STP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not Reported
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

COMMERCIAL 585 UNION STREET, BROOKLYN, NY,			S127480406
◆ C6	W <1/10	(200 ft. / 0.038 mi.)	Records of Emergency Release Reports
	3 ft. Lower Elevation	15 ft. Above Sea Level	

MAP FINDINGS

Worksheet:

Impact on Target Property: Undetermined

SPILLS: Records of Emergency Release Reports

Name:	COMMERCIAL
Address:	585 UNION STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2009932 / Not Reported
Facility ID:	2009932
Facility Type:	ER
DER Facility ID:	564758
Site ID:	616950
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	D4
SWIS:	2401
Spill Date:	2021-02-09
Investigator:	NTFREEMA
Referred To:	Not Reported
Reported to Dept:	2021-03-09
CID:	Not Reported
Water Affected:	Not Reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not Reported
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2021-03-09
Spill Record Last Update:	2021-12-22
Spiller Name:	Not Reported
Spiller Company:	UNKNOWN
Spiller Address:	Not Reported
Spiller Company:	999
Contact Name:	ROBERT DWYER
DEC Memo:	"3/3/2021- DEC Piper spoke with consultant. Site had several investigations done in recent years and found low level soil and groundwater contamination. Owner is looking to enter the VCP program and has already hada pre-application meeting with DEC. Application has not been submitted though will be shortly. Site will have to adhere to spills requirements if not accepted. Report to be sent to DEC Piper and DEC Kim for review. 12/21/2021- email sent to and received by consultant. site entered VCP program c224329, managed by Nathan Freeman in Albany. Spill transferred to Nathan for follow up and closure."

COMMERCIAL, 585 UNION STREET, BROOKLYN, NY (Continued)

Remarks: "soil and ground water affect by historic spill. Phase two investigation was reason for the dig, this is for potential redevelopment of the site, clean-up pending."

All Materials:

Site ID:	616950
Operable Unit ID:	1364087
Operable Unit:	01
Material ID:	2376454
Material Code:	0063A
Material Name:	unknown hazardous material
Case No.:	Not Reported
Material FA:	Hazardous Material
Quantity:	Not Reported
Units:	Not Reported
Recovered:	Not Reported
Oxygenate:	Not Reported

585 UNION STREET 577-599 UNION STREET (AKA 586 SACKETT STREET), BROOKLYN, NY, 11217			S127750710
◆ C7	WNW <1/10	(271 ft. / 0.051 mi.)	Lists of state and tribal brownfield sites
	3 ft. Lower Elevation	15 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

BROWNFIELDS: Lists of state and tribal brownfield sites

Name:	585 UNION STREET
Address:	577-599 UNION STREET (AKA 586 SACKETT STREET)
City,State,Zip:	BROOKLYN, NY 11217
Program:	BCP
Site Code:	619763
Acres:	0.770
HW Code:	C224329
SWIS:	2401
Town:	New York City
Record Added Date:	06/03/2021
Record Updated Date:	08/10/2021
Update By:	HMDUDEK
Site Description:	"Location: The site is situated in an urban area surrounded by commercial and residential properties. The site was initially comprised of two (2) parcels (Block 433 and Lots 28 and 46), however, it should be noted that Lot 28 and Lot 46 have been merged as of March 29, 2021 and the site is now identified only as Lot 28. The subject property has a total footprint of approximately 33,550 square

585 UNION STREET, 577-599 UNION STREET (AKA 586 SACKETT STREET), BROOKLYN, NY 11217 (Continued)

feet (SF). Site Features: The main site features are two (2) single-story warehouse buildings. Current Zoning and Land Use: The site is currently zoned for manufacturing (M1-2) and is located within the Gowanus Canal Corridor as well as the Red Hook-Gowanus Brownfield Opportunity Areas. The surrounding parcels are used for a combination of residential, commercial and light industrial/manufacturing purposes. Past Use of the Site: Historic Sanborn Fire Insurance maps indicate that as early as 1889, lot 28 was used as a timber yard and lot 46 contained a single building used as a paint shop. The 1938 map depicts water distilling on lot 46, and lot 28 was improved with the current warehouse structure which was utilized by the NY Fire Department as an automobile repair garage and by the Telegraph Department for storage. By 1950, lot 28 was used by the NY Fire Department Telegraph Bureau, and by 1982, the South Brooklyn Casket Company occupied the entire site. Site Geology and Hydrogeology: The ground surface within the site is generally flat and the elevation of the property is approximately +15 (NAVD-88) feet. During previous investigation activities, groundwater was encountered at depths ranging from 11 to 15 feet below ground surface (bgs). Based on United States Geological Survey (USGS) mapping, groundwater is inferred to flow to the west toward the Gowanus Canal, which is located approximately 800 feet west of the Site. The site is not located in the 100-year or 500-year flood zone, however, Federal Emergency Management Agency (FEMA) flood maps show that the site is located adjacent to the 500-year flood zone associated with the Gowanus Canal to the west. Based on observations made during soil boring activities, subsurface soil at the site consisted of urban fill, which was primarily comprised of slag, brick, and gravel in a brown medium-grained sand matrix. Urban fill was encountered at a depth interval from grade to 15 feet bgs throughout the majority of the site. Neither native material, nor bedrock was encountered during this investigation."

Env Problem: "Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

585 UNION STREET, 577-599 UNION STREET (AKA 586 SACKETT STREET), BROOKLYN, NY 11217 (Continued)

Dump:	Not Reported
Structure:	Not Reported
Lagoon:	Not Reported
Landfill:	Not Reported
Pond:	Not Reported
Disp Start:	Not Reported
Disp Term:	Not Reported
Lat/Long:	Not Reported
Dell:	Not Reported
Record Add:	Not Reported
Record Upd:	Not Reported
Updated By:	Not Reported
Own Op:	4
Sub Type:	NNN
Owner Name:	Harry Potone
Owner Company:	Milso Industries Corporation
Owner Address:	534 Union Street
Owner Addr2:	Not Reported
Owner City,St,Zip:	Brooklyn, NY
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Philip Caporaso
Owner Company:	Gowanus Union Street LLC
Owner Address:	19 West 24th Street, 12th Floor
Owner Addr2:	Not Reported
Owner City,St,Zip:	New York, NY 10010
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Philip Caporaso
Owner Company:	Gowanus Union Street LLC
Owner Address:	19 West 24th Street, 12th Floor
Owner Addr2:	Not Reported
Owner City,St,Zip:	New York, NY 10010
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not Reported
Owner Company:	Brooklyn Public Library-Pacific Branch
Owner Address:	25 Fourth Avenue at Pacific Street
Owner Addr2:	Not Reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Country:	United States of America
HW Code:	Not Reported
Waste Type:	Not Reported
Waste Quantity:	Not Reported
Waste Code:	Not Reported
Crossref ID:	Not Reported
Cross Ref Type Code:	Not Reported

585 UNION STREET, 577-599 UNION STREET (AKA 586 SACKETT STREET), BROOKLYN, NY 11217 (Continued)

Cross Ref Type:	Not Reported
Record Added Date:	Not Reported
Record Updated:	Not Reported
Updated By:	Not Reported

AJR (COMMERCIAL BLDG.) 599 DEGRAW ST, BROOKLYN, NY,		S106869125
▲ 8	NE <1/10 (335 ft. / 0.064 mi.)	Lists of state and tribal leaking storage tanks
	4 ft. Higher Elevation 22 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LTANKS: Lists of state and tribal leaking storage tanks

Name:	AJR (COMMERCIAL BLDG.)
Address:	599 DEGRAW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0500453 / 2005-04-28
Facility ID:	0500453
Site ID:	343388
Spill Date:	2005-04-11
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not Reported
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not Reported
Reported to Dept:	2005-04-11
CID:	406
Water Affected:	Not Reported
Spill Notifier:	Other
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-04-11
Spill Record Last Update:	2005-04-28
Spiller Name:	JAMES FLEMING
Spiller Company:	AJR WOODWORKING
Spiller Address:	599 DEGRAW ST
Spiller County:	001
Spiller Contact:	RICHIE
Spiller Phone:	(718) 624-2929
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	289859

AJR (COMMERCIAL BLDG.), 599 DEGRAW ST, BROOKLYN, NY (Continued)

DEC Memo:	"need to send TTF letter no PBS for this address. 4/28/05. J.Krimgold reviewed a letter report submitted by Mercury Tank & Pump dated April 25, 2005. According to the report a 550 gal #2 oil tank failed the test due to disconnected pipe fittings on the top of the tank. The tank was empty at the time of test. Tank top was excavated,tank was cleaned up and filled with concrete slurry. Before this a hole was drilled through the bottom of the tank to obtain a soil sample. All analytes were found below TAGMs objectives. NFA letter. "
Remarks:	"Doing a tank test on an old heating tank that no one knew was there. No contamination found or evidence of a leak. Ullage failure... unsure of any removal of tank."

All TTF:

Facility ID:	0500453
Spill Number:	0500453
Spill Tank Test:	1548775
Site ID:	343388
Tank Number:	Not Reported
Tank Size:	0
Material:	0066A
EPA UST:	Not Reported
UST:	Not Reported
Cause:	Not Reported
Source:	Not Reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not Reported
Modified By:	Watchdog
Last Modified Date:	Not Reported

All Materials:

Site ID:	343388
Operable Unit ID:	1102073
Operable Unit:	01
Material ID:	582304
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	Not Reported
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

MAP FINDINGS

540 PRESIDENT STREET 540 PRESIDENT STREET, BROOKLYN, NY,			S102672075
▲ 9	S <1/10	(346 ft. / 0.066 mi.)	Lists of state and tribal leaking storage tanks
	4 ft. Higher Elevation	22 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LTANKS: Lists of state and tribal leaking storage tanks

Name:	540 PRESIDENT STREET
Address:	540 PRESIDENT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9211878 / 1993-01-18
Facility ID:	9211878
Site ID:	262667
Spill Date:	1993-01-18
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	1993-01-18
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not Reported
Reported to Dept:	1993-01-18
CID:	Not Reported
Water Affected:	Not Reported
Spill Notifier:	Fire Department
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-01-28
Spill Record Last Update:	2004-09-30
Spiller Name:	Not Reported
Spiller Company:	HOLMES FUEL CO.
Spiller Address:	Not Reported
Spiller County:	001
Spiller Contact:	Not Reported
Spiller Phone:	Not Reported
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	214455
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"HOLMES OVERFILLED TANK NYC DOS ON SCENE NOTIFIED CON ED SAND PLACE IN SPILL HOLMES TO COME AND PICK UP CALLED FD HAZ MAT FIREMAN HANK REPORTED THAT SPILLED FROM VENT PIPE CONTAINED ON SIDEWALK CLEANUP"

540 PRESIDENT STREET, 540 PRESIDENT STREET, BROOKLYN, NY (Continued)

All Materials:

Site ID:	262667
Operable Unit ID:	976318
Operable Unit:	01
Material ID:	405261
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

HESS CORPORATION 204222 4TH AVE, BROOKLYN, NY, 11217			1020554189
▲ BF10	ESE <1/10	(399 ft. / 0.076 mi.)	EDR Exclusive Records
	7 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
2004:	AMERADA HESS CORPORATION / Gasoline Service Stations
2005:	AMERADA HESS CORPORATION / Gasoline Service Stations
2006:	HESS CORPORATION / Gasoline Service Stations
2007:	HESS CORPORATION / Gasoline Service Stations
2008:	HESS CORPORATION / Gasoline Service Stations
2009:	HESS CORPORATION / Gasoline Service Stations
2014:	HESS CORPORATION / Gasoline Service Stations

204 4TH AVENUE 204 4TH AVENUE, BROOKLYN, NY, 11217			S125298840
▲ BF11	ESE <1/10	(420 ft. / 0.08 mi.)	Lists of state and tribal brownfield sites
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

BROWNFIELDS: Lists of state and tribal brownfield sites

Name:	204 4TH AVENUE
Address:	204 4TH AVENUE
City,State,Zip:	BROOKLYN, NY 11217

204 4TH AVENUE, 204 4TH AVENUE, BROOKLYN, NY 11217 (Continued)

Program:	BCP
Site Code:	587854
Acres:	0.440
HW Code:	C224295
SWIS:	2401
Town:	New York City
Record Added Date:	04/29/2019
Record Updated Date:	06/07/2021
Update By:	JHOCONNE
Site Description:	"Location The site is located in an urban area in the Gowanus neighborhood of Brooklyn. The Site is bounded by Sackett Street to the north, Union Street to the south, 4th Avenue to the east, and commercial properties to the west. Site Features The site was a gasoline filling station and was improved with a 360 square foot at grade storage building, a cashier s kiosk, and a canopy covering the pump islands. The site is no longer being used as a filling station and the kiosk has been removed. Current Zoning and Land Use The site is zoned M1-2 for light manufacturing and is surrounded by similarly zoned properties and residential zoned properties to the east. Past Use of the Site Based on information gathered as part of the February 2019 Phase I ESA, the site was first developed in approximately 1906 and used for residential/commercial purposes from approximately 1906 to 1961. In the early 1960s, the residential/commercial buildings were demolished, and a gasoline station was constructed in 1965. The site has been used as a gasoline station since then. Site Geology and Hydrogeology The stratigraphy of the site, from the surface down, consists of primarily historic urban fill, characterized by loosely compacted fine to coarse sand with fragments of brick and concrete, to depths ranging from 12 to 21 feet below grade across the site. Historic urban fill material is underlain by silty light brown sand, underlain by a layer of grey sandy clay material with organic matter (wood, roots) present in the matrix. Groundwater at the site is approximately 14 feet below grade and generally flows towards the north/northwest. "
Env Problem:	"Nature and extent of contamination Based upon investigations conducted to date, the primary contaminants of concern for the site include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals. Soil - VOCs including 1,2,4-Trimethylbenzene was found in soil at concentrations of 2,100 parts per million (ppm) compared to restricted residential soil

204 4TH AVENUE, 204 4TH AVENUE, BROOKLYN, NY 11217 (Continued)

	cleanup objective (RRSCO) of 52 ppm and the protection of groundwater SCO (PGSCO) of 3.9 ppm. Xylenes was found at concentrations of 3,600 ppm (RRSCO is 100 ppm, PGSCO is 1.6 ppm). SVOCs including benzo(a)anthracene was found at concentrations of 120 ppm (RRSCO is 1 ppm). Benzo(b)fluoranthene was found at concentrations of 110 ppm (RRSCO is 1 ppm). Metals including lead was found at concentrations of 3,170 ppm (RRSCO is 400 ppm), arsenic was found at 542 ppm (RRSCO is 16 ppm). Groundwater - VOCs including benzene was found in groundwater at concentrations of 9.6 parts per billion (ppb) compared to Ambient Water Quality Standards (AWQS) of 1 ppb. 1,2,4,5-Tetramethylbenzene was found at concentrations of 61 ppb (AWQS is 5 ppb). SVOCs including acenaphthene was found at concentrations of 64 ppb (AWQS is 20 ppb). Metals including arsenic was found at concentrations of 33.61 ppb (AWQS is 25 ppb). Soil Vapor - VOCs including 2,2,4-Trimethylpentane was found throughout the site but at highest concentration at the north-east portion of the site at concentrations of 509,000 micrograms per cubic meter (ug/m3). "
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not Reported
Disp Term:	Not Reported
Lat/Long:	Not Reported
Dell:	Not Reported
Record Add:	2019-07-10 12:10:00
Record Upd:	2019-07-10 12:11:00
Updated By:	GWBURKE
Own Op:	6
Sub Type:	P02
Owner Name:	John M. Helms
Owner Company:	Speedway LLC
Owner Address:	500 Speedway Drive
Owner Addr2:	Not Reported
Owner City,St,Zip:	Enon, OH 45323
Owner Country:	United States of America
Own Op:	1
Sub Type:	P02
Owner Name:	Not Reported
Owner Company:	204 4th Avenue LLC

204 4TH AVENUE, 204 4TH AVENUE, BROOKLYN, NY 11217 (Continued)

Owner Address:	51 East 12th Street, 7th Floor
Owner Addr2:	Not Reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not Reported
Owner Company:	Brooklyn Public library - pacific branch
Owner Address:	25 4th avenue
Owner Addr2:	Not Reported
Owner City,St,Zip:	brooklyn, NY 11217
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not Reported
Owner Company:	Brooklyn Community Board 6
Owner Address:	250 Baltic Street
Owner Addr2:	Not Reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Avi Fisher
Owner Company:	204 4th Avenue LLC
Owner Address:	51 East 12th Street, 7th Floor
Owner Addr2:	Not Reported
Owner City,St,Zip:	New York, NY 10003
Owner Country:	United States of America
HW Code:	Not Reported
Waste Type:	Not Reported
Waste Quantity:	Not Reported
Waste Code:	Not Reported
Crossref ID:	2-297666
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2020-02-11 13:06:00
Record Updated:	2020-02-11 13:06:00
Updated By:	LXZIELIN

HESS STATION 32530 204-222 4TH AVENUE, BROOKLYN, NY,			S104276740
▲ BF12	ESE <1/10	(420 ft. / 0.08 mi.)	Lists of state and tribal leaking storage tanks Records of Emergency Release Reports
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

LTANKS: Records of Emergency Release Reports

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Name:	MERRITT GAS STATION
Address:	204-222 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9515732 / 1997-06-11
Facility ID:	9515732
Site ID:	204687
Spill Date:	1996-03-07
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	Not Reported
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not Reported
Reported to Dept:	1996-03-07
CID:	349
Water Affected:	Not Reported
Spill Notifier:	Other
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-03-07
Spill Record Last Update:	1997-06-11
Spiller Name:	Not Reported
Spiller Company:	MERRITT GAS STATION
Spiller Address:	204-222 4TH AV
Spiller County:	001
Spiller Contact:	Not Reported
Spiller Phone:	Not Reported
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	310148
DEC Memo:	""
Remarks:	"line failed during testing - failure .12 gallons per hour"

All Materials:

Site ID:	204687
Operable Unit ID:	1026774
Operable Unit:	01
Material ID:	355851
Material Code:	0009
Material Name:	gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

SPILLS:

Name:	HESS STATION 32530
Address:	204-222 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0210654 / 2003-11-03
Facility ID:	0210654
Facility Type:	ER
DER Facility ID:	310148
Site ID:	74469
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-01-23
Investigator:	SMSANGES
Referred To:	Not Reported
Reported to Dept:	2003-01-23
CID:	199
Water Affected:	Not Reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not Reported
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-01-23
Spill Record Last Update:	2003-11-03
Spiller Name:	Not Reported
Spiller Company:	Not Reported
Spiller Address:	Not Reported
Spiller Company:	001
Contact Name:	TOM VITARELLI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND REF TO SPILL # 9605719"
Remarks:	"it appears a customer may have overfilled tank causing spill no product got into sewers - clean up in progress -- second contractor is in route to assist"

All Materials:

Site ID:	74469
Operable Unit ID:	863994
Operable Unit:	01
Material ID:	555410
Material Code:	0008
Material Name:	diesel

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	7.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported
Name:	FORMER HESS STATION 32530
Address:	204-222 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9605719 / Not Reported
Facility ID:	9605719
Facility Type:	ER
DER Facility ID:	479891
Site ID:	74470
DEC Region:	2
Spill Cause:	Other
Spill Class:	B3
SWIS:	2401
Spill Date:	1996-08-02
Investigator:	SXWU
Referred To:	REPORT (11/05/2021) REVIEWED
Reported to Dept:	1996-08-02
CID:	252
Water Affected:	Not Reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not Reported
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	4
Date Entered In Computer:	1996-08-02
Spill Record Last Update:	2021-12-08
Spiller Name:	RON BAMER
Spiller Company:	FORMER HESS STATION
Spiller Address:	204-222 4TH AVE
Spiller Company:	999
Contact Name:	RON BAMER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 01/23/2004-Sun-File Review by Sun: Site Status Update Report, Aprip 2003 through August 2003, by Geological Services Corp (GSC), dated 10/16/2003: Six (6) monitorin wells were gauged and sampled on July 17, 2003. A soil vaplr extraction well (SVE-1) was installed on July 30, 2003 and pilot test on SVE-1 was conducted on August 8, 2003. No LPH was detected. The groundwater depth ranged from 11.74 feet to 15.68 feet, and groundwater flow was in northwest direction.

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

MW-2 has the maximum BTEX concentration of 11,400 ug/l and maimum MTBE concentration of 1,800 ug/l. Work performed during this period included repair and patch leak from wall in oil closet located in the subway, installation of three additional wells. A remedial action plan will be submitted by GSC based on the results of the pilot test. Per Hess' letter to DEC dated 10/28/2003, Hess is working with the New York City Transit Authority (NYCTA) to address an apparent hydrocarbon sheen in conjunction with groundwater seepage within a subsurface subway station utility closet. (Sun) 01/22/2004- Site visit by Joe Sun and Mark Tibbe on 1/22/2004. Inspection with Mike Matri of Hess and William Schaefer of GSC showed that some slight infiltration of groundwater continues where the urethane grout waterproofing did not adhere to the concrete. GSC has recommended a second waterproofing event utilizing a hydraulic concrete product. The product is now waiting for NYCTA's approval. (Sun) SEE Also Spill Nos. 0104798/0201876. 05/05/04-File Update by Sun: On 05/05/04 Sun sent a letter to Hess requiring complete delineation of soil and groundwater contamination, submittal of an Investigation Summary report followed by a Remedial Action Plan. The Department set a deadline of May 28, 2004 for signing the Stipulation Agreement. (Sun) 06/06/05 File Update by Sun: On 06/06/05, Sun sent a letter to Hess' Project Manager, Mike Matri, informing him that the Department approves Hess proposed plan to take the opportunity of station renovation commencing in June, 2005 to install below ground environmental remediation infrastructure for future remediation of petroleum impacted soil and groundwater. Specifically, the Department approves the following planned installations at the station: 1.Installation of three additional SVE wells (PMW-8 through PMW-10). 2.Modification of existing 2-inch well FW-7 to include a 1-inch injection line which will be piped to the proposed remediation system location, The piping will potentially be used in the future for injection purposes (e.g., Biosolve, chemical oxidation and/or bioremediation). 3.Monitoring wells SVE-1, MW-2, and the three proposed SVE wells (PMW-8 through PMW-10) will have environmental piping installed from the wells to the proposed system location area. The Department requires a formal Remedial Action Plan (RAP) in conjunction with the station redevelopment activities be submitted by

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Hess during the third quarter of 2005. (Sun) 10/19/2005: Project reassigned from Sun to Andersen 10/19/2005: Reviewed hydrogeologic groundwater report dated 8/29/2005. Report indicated liquid phase hydrocarbons and BTEX concentrations of up to 19,520 ppb. Report indicated that informal proposed remedial action plan discussed in abovementioned 6/6/05 entry is delayed and possibly canceled. The report states Amerada Hess Corporation will either request an extension to submit the currently proposed Remedial Action Plan or to submit a revised Remedial Action Plan . The next triannual sampling event is scheduled for November 2005. Additionally, a Stip was sent out on 5/5/04, which was never signed due to Hess waiting for a Consent Order. 10/25/05: Mailed a failure to sign Stip letter. Stip signature due on 11/15/2005. 1/26/06: 1/25/06 meeting between Quantum, NYSDEC, and GSC/Kleinfelder. The site in under redevelopment. An RAP will be prepared. Delineation will be investigated on the other side of 4th avenue. 3/1/06: Signed stipulation agreement, effective date 2/23/06. Investigation plan due 4/24/06. 4/24/06: Reviewed the site status update report/investigation plan dated 4/21/06. Report indicates that additional delineation on the east side of 4th avenue is not feasible due to utilites. Max BTEX 28,587 ppb (SVE1) and max MTBE 1,710 ppb (MW2). Depth to water 10-15 ft. RAP due 6/22/06. 5/25/06: Pilot testing on 5/25/06 6/29/2006: Meeting with Hess, NYSDEC, Quantum, EnviroTrac and GSC on 6/28/2006. RAP in progress. Endpoint sampling will be submitted for spill bucket replacement excavation. 7/28/06: RAP submission deadline extended to 9/21/06. 8/9/06: Conference call with Hess, Quantum, and GSC/Kleinfelder. The ROI during SVE pilot testing was only 10 ft. A Hivac pilot test will be performed on 8/10/06 to try to increase the ROI. If it fails an extension will be required to perform additional testing prior to RAP submittal. 8/11/06: Received phone call from Gail Helfrick. A HVAC test was performed which did not result in a significant increase in the RIO. An RAP will be submitted on 9/21/06 as planned, but will require additional sampling to improve the ROI. 8/15/06: See spill 06-02980. The RAP should include remediation for the soil contamination from spill 06-02980. 9/12/06: Received RAP. SVE proposed. Pilot testing was conducted on May 25, 2006 and August 10, 2006. Two existing wells

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

(MW-3 and SVE-1), and six proposed wells (SVE-2 - SVE-7) wil be used as extraction points to be connected to a SVE remediation system. The ROI varies from 10 to 50 feet throughout the site. Soil samples will be collected during installation of the new SVE wells, as well as from a soil boring proposed adjacent to MW-6. During system startup operation and maintenance visits will be conducted daily for three days, followed by weekly for the first monthy, followed by monthly. Based on start-up testing, a determination will be made as to whether emission treatment is necessary. Contamination from spill 06-02980 addressed, spill 06-02980 closed and consolidated with 9605719. Numerous sensitive receptors: subway, utilities, basements, schools, Gowanus Canal. AS not proposed due to the proximity of the subway, which runs parrallel and adjacent to the site. RAP conditionally approved, with additional groundwater treatment required. 9/21/06: Received phone call from Gail Helfrick (Quantum) and Al Tonn (GSC-K) requesting that the RAP be approved without additional gw treatment. Confirmed that additional gw treatment is required for MW-2, SVE-1, and FW-8. 10/3/06: Received email from gail helfrick: This email is to confirm our conversation on Tuesday, September 26, 2006 regarding the Remedial Action Plan (RAP) for Hess Station # 32530 in Brooklyn, New York. In the RAP, Hess proposed the installation and operation of a Soil Vapor Extraction system at the site. The NYSDEC approved the proposal for SVE, and also requested groundwater remediation. Based on our conversations, it was agreed that Hess would install underground piping for groundwater treatment during the installation of the SVE system. It was further agreed that Hess would operate the SVE system for 1 full year, and during that year, Hess would 1) evaluate the performance of the SVE system on a monthly basis, 2) continue to monitor roundwater quality (March, July and November), and 3) submit progress reports to the NYSDEC (May, September and January). If after that 1 year period, the data demonstrates that groundwater remediation is necessary, alternative remedial technologies will evaluated and discussed with the NYSDEC. 10/4/06: Received update report dated 9/27/06. Groundwater samples collected on 7/27/06. BTEX 38,200 ppb (SVE1), mtbe 208 ppb (SVE1). SVE implementation required. 12/11/06: Sent email to Hess to followup on implementation schedule. 12/18/06: Received email from Hess: We still

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

hope to be able to obtain the MTA permits needed to complete the subsurface intrusive work by January 10, 2007. Once these permits are obtained, we will provide the NYSDEC a schedule for system installation. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. SVE implementation in progress. 3/26/07: Reviewed update report. Wells sampled on 12/26/06. Max BTEX 30,720 ppb (SVE1). Max MTBE 1,000 ppb (MW2). SVE implementation in progress. 5/31/07: Reviewed site status report. Wells sampled on 3/16/07. Max BTEX 25,280 ppb (SVE1). Max MTBE 410 ppb (MW2). SVE installation in progress. 9/20/07: Reviewed site status report. Wells sampled in July 2007. LNAPL in MW 2 (0.03 ft).Max BTEX 30,370 ppb (SVE1). SVE startup planned for November 2007. Sent letter requiring RAP addendum for groundwater treatment (pipes for water removal are planned on being installed as a back-up plan). And increased sampling frequency to quarterly sampling. 5/14/08 - Carlson: Meeting on May 7th 2008 - Hess/Envirotrac will submit a RAP addendum. Reviewed First Quarterly 2008 Update Report. Wells sampled on 2/5/08. Max BTEX concentration 24,220 ppb (SVE1), max MTBE concentration 71 ppb (SVE1). MW-2 was dry. 8/7/08 - Carlson: Reviewed July 2008 Update Report. Wells sampled on 5/22/08. Maximum BTEX concentration 43,693 ppb (SVE1). Maximum MTBE concentration 554 ppb (MW2). RAP Addendum will be submitted under a separate cover. Emailed Hess/Envirotrac requiring submission of RAP Addendum by 9/8/08. Received email from Ed Russo stating that 9/8/08 deadline can probably be met. 9/8/08 - Carlson: The Department approved an extension until 10/1/08 to submit an RAP Addendum. 10/22/08 - Carlson: Meeting with Hess/Envirotrac. RAP Addendum will be submitted by 12/15/08. 11/20/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/14/08. Maximum BTEX concentration 41,837 ppb (SVE1). RAP Addendum not received. Sent failure to comply letter. Start legal proceedings if RAP Addendum not submitted by 12/5/08. 12/23/08 - Carlson: Received Remedial Action Plan Addendum. Two SVE system, two wells strippers, and monthly dual phase extraction events proposed. Revised RAP Addendum required with following modifications: 1) removal of two wells from SVE system, 2) relocation of two of the proposed monitoring wells, 3) startup report must be submitted, 4) inclusion of more detailed information about the well strippers. 2/19/09 - Carlson: Received email from Ed Russo

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

in response to 12/23/08 letter. Monthly O&M visits requiring monthly WS water effluent testing, monthly SVE air discharge testing by PID, and quarterly SVE air discharge testing by laboratory. Revised letter addendum required. 3/11/09 - Carlson: Reviewed update report dated January 2009. Wells gauged and sampled on 11/5/08. LNAPL at depth of 0.02 ft in MW2. Maximum BTEX concentration 12,672 ppb (SVE1). 3/18/09 - Carlson: Meeting with Hess/Envirotrac. Revised addendum due in April 2009. 5/7/09 - Carlson: Reviewed April 2009 Update Report. Revised addendum letter overdue. Emailed John Schenkewitz about overdue letter/report. 5/11/09 - Carlson: Received revised RAP Addendum letter. Issued approval letter. 5/28/09 - Carlson: Well installation scheduled for 6/22/09. 8/7/09 - Carlson: Reviewed update report. Monthly EFR IRM ongoing. What is status of RAP implementation? 8/19/09 - Carlson: Meeting with Hess. RAP addendum will be submitted to include air sparge on the eastern portion on the site. 10/21/09 - Carlson: Reviewed RAP addendum. Issued approval letter. SVE/AS will be installed, except in sidewalk (because of subway). SVE in sidewalk with HVAC events to treat impacted groundwater. 11/17/09 - Carlson: Reviewed update report. Monthly HVAC events from sidewalk wells ongoing. SVE/AS system installation in progress. 1/27/2010 - Carlson: Meeting with Hess. 2/5/2010 - Carlson: Reviewed update report. EFR conducted in September and October. SVE/AS installation not begun yet. 5/20/2010 - Carlson: Meeting with Hess. They are working with MTA because the property is adjacent to the subway. 5/27/2010 - Carlson: Reviewed April 2010 Update Report. Six AS wells and one MW installed. HVAC was not conducted this quarter. 7/22/2010 - Carlson: Reviewed wastewater UST closure report. Tank abandoned in place with concrete slurry. Endpoint samples collected from the east wall (clean) and north wall (trace VOCs/sVOCs detected). West wall/south wall were not accessible for sample collection. 8/13/2010 - Carlson: Reviewed July 2010 Update Report. EFR events ongoing. System construction pending NYCTA permits. 5/9/11 - Obligado - This spill transferred to Obligado as per Brevdo. I reviewed the 4Q10 update report. Free product (0.03 ft) was found in MW2. MAx BTEX 17674 ug/L in SVE1. They are still waiting for MTA permits. 8/30/11 - Obligado - I reviewed the 2Q11 update report. They are still waiting on NYCTA permits. Max BTEX is 9800 ug/L. No product

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

detected this quarter. 11/14/11 - Carlson: Reviewed October 2011 update report. System construction pending NYCTA permits. Monthly EFR ongoing. 3/13/2012 - The site has SVE/AS system operation pending on the NYCTA's permission. Spoke to the consultant who works for the property owner next door in the Union Street. Groundwater contamination was identified during their Phase 2 investigation. Advised to call in for a spill number and prove to DEC it is from Hess site as they believe. 8/23/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled on 2/13/2012. DTW 9.98 to 15.70 feet. Flows to north. No LNAPL. The remediation system construction is pending permit approval by NYCTA. CW-9, 560.1 BTEX, 182 MTBE. MW-7, 7.52J BTEX, 22.8 MTBE. MW-2, 5,529 BTEX, 162 MTBE. FW-7, 24.5 BTEX, MTBE ND. SVE-1, 6,369 BTEX, 6.7J MTBE. FW-8, 270.2 BTEX, 1.3J MTBE. FW-9, 570.6 BTEX, 2.5 MTBE. 10/12/2012 - 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on May 14, 2012. DTW 10.87 to 16.05. Flows to north. CW-9, 43 BTEX, 106 MTBE. MW-7, 0.44J BTEX, 19.7 MTBE. MW-2, 1,626.9 BTEX, 100 MTBE. FW-7, 67.4 BTEX, 0.24J MTBE. FW-9, 961.6 BTEX, 1.6J MTBE. FW-8, 224.9 BTEX, 1.8 MTBE. SVE-1, 3,746.3 BTEX, 8.0J MTBE. EFR on on MW-2 and SVE-1 on 3/14, 4/9, and 5/2/2012. 1/24/2013 - 3Q2012, 11/5/2012, by EnviroTrac. The groundwater was sampled on 8/31/2012. DTW 10.49 to 14.72 feet. Flows to north. NO LNAPL. CW-8, 26J BTEX, 0.77J MTBE. CW-9, 297.9 BTEX, 73 MTBE. MW-7, 95.3 BTEX, 4.4 MTBE. MW-2, 8,656 BTEX, 101 MTBE. FW-7, 291.2 BTEX, 0.25J MTBE. SVE-1, 6,205 BTEX, 2.7J MTBE. FW-9, 1,894.3 BTEX, 1.1J MTBE. FW-8, 587.6 BTEX, 1.4 MTBE. EFR on MW-2 and SVE-1 on 6/7, 7/16, and 8/22/2012. The next sampling will be in 11/2012. 9/24/2013 - 4Q2012, 1/31/2013, by EnviroTrac. The groundwater was sampled on 11/16/2012. On 9/24 and 11/13/2012, conducted EFR on MW-2 and SVE-1. DTW 7.80 to 15.49 feet. Flows to north. CW-9, 223.4 BTEX, 94.1 MTBE. MW-7, 38.04J BTEX, 18 MTBE. MW-2, 6,630.7 BTEX, 136 MTBE. FW-7, 179.7 BTEX, MTBE ND. SVE-1, 1,933 BTEX, 2.7 MTBE. FW-8, 779.9 BTEX, MTBE ND. 1Q2013, 4/30/2013, by EnviroTrac. The groundwater was sampled on 2/26/2013. On 12/3/2012, 1/17/2013 and 2/20/2013, EFR on MW-2 and SVE-1. DTW 10.41 to 15.88 feet. Flows to north. NO LNAPL. CW-9, 77.6 BTEX, 116 MTBE. MW-7, 1.43J BTEX, 22.1 MTBE. MW-2, 2,610.4 BTEX, 94.8 MTBE. FW-7, 33.6 BTEX, MTBE ND. SVE-1, 638 BTEX, MTBE ND. FW-8, 570.4 BTEX, 1.0 MTBE.

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

FW-9, 347.3 BTEX, 0.30J MTBE. 11/14/2014 - 2Q2014, 7/31/2014. 3/24, 4/15, 5/14/2014, EFR on MW-2 and SVE-1. 5/20/2014, sampled groundwater. DTW 9.39 to 15.43 feet. Flows to north. MW-7, 71.6 BTEX. MW-2, 10,042 BTEX, 76.2 MTBE. FW-7, 230.9 BTEX. SVE-1, 984 BTEX. FW-8, 257.9 BTEX. FW-9, 356 BTEX. 11/17/2014 - 3Q2014, 11/7/2014. 6/12, 7/10 and 8/5/2014, EFR on MW-2 and SVE-1. 8/25/2014, sampled groundwater. DTW 10.52 to 15.81 feet. Flows to north. CW-9, 144.4 BTEX, 91.1 MTBE. MW-2, 6,517 BTEX, 83.5 MTBE. FW-7, 329.9 BTEX. SVE-1, 2,527 BTEX. FW-9, 856 BTEX. 4/9/2015 - 4Q2014, 1/26/2015. 9/15, 10/15 and 11/10/2014, EFR on MW-2 and SVE-1. 11/15/2014, gauged 15 monitoring wells and sampled 14 monitoring wells. DTW 11.54 to 15.81 feet. Flows to north. MW-2, 5,112.3 BTEX, 68.1 MTBE. FW-7, 332.1 BTEX. SVE-1, 500.9 BTEX. FW-9, 612.9 BTEX. 1Q2015, 4/9/2015. 12/8/2014, 1/9/2015 and 2/6/2015, EFR on MW-2 and SVE-1, STREs on MW-2/AS-2 and SVE-6/AS-1. 2/12/2015, gauged and sampled 11 monitoring wells. DTW 6.47 to 15.45 feet. Flows to north. CW-9, 121.1 BTEX, 82.9 MTBE. MW-2, 4,347 BTEX, 63.5 MTBE. FW-7, 54.8 BTEX. 10/29/2015 - 2Q2015, 7/15/2015. 3/9, 4/6, 5/6/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 5/12/2015, gauged and sampled 15 monitoring wells. DTW 6.15 to 15.69 feet. Flows to north. MW-2, 3,017.4 BTEX. FW-7, 504.8 BTEX. SVE-1, 768.6 BTEX. FW-9, 74.6 BTEX. 3Q2015, 10/19/2015. 6/11/2015 EFR on MW-2 and SVE-1. 7/14 and 8/7/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 8/27/2015, gauged 15 monitoring wells and sampled 14 monitoring wells. DTW 10.25 to 15.46 feet. Flows to north. MW-2, 9,914 BTEX, 78.3 MTBE. MW-7, 47.7 BTEX, 12.1 MTBE. FW-7, 596.1 BTEX. SVE-1, 4,550 BTEX. FW-8, 339.7 BTEX. FW-9, 691.9 BTEX. 1/28/2016 - 4Q2015, 1/28/2016. 9/16, 10/9, 11/4/2015, EFR on SVE-1 and STREs on SVE-6/AS-1. 11/10/2015, gauged 13 and sampled 12 monitoring wells. NO LNAPL. DTW 9.51 to 15.94 feet. Flows to north. CW-9, 53.9 BTEX, 55.7 MTBE. MW-2, 2,189.5 BTEX, 34.6 MTBE. FW-9, 426.1 BTEX. SVE-1, 1,161.4 BTEX. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought. 3/30/16 - Raphael Ketani. This spill case has been assigned to me effective today. According to ACRIS, the block and lot are 434 and 35. The latest deed is dated 4/24/14. The property owner is HESS Retail Stores, LLC, 1 HESS Plaza, Woodbridge, NJ, 07095. The PBS record is #2-297666. The owner is Speedway #7835. Seven USTs were closed and

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

removed from 6/1/92 to 8/1/96. Thirty seven USTs (mostly gasoline 550 gallon tanks) were closed in place on 12/1/79. There are 5 active 4000 gallon USTs - 4 gasoline and 1 diesel. These tanks were installed on 8/1/96. The contacts are as follows: Speedway/Hess contact: Matthew Butler, (732) 738-2924, MButler1@Speedway.com Consultants: Edward Russo (EnviroTrac), (631) 924-3001, EDR@EnviroTrac.com Joseph Rennie (EnviroTrac), (631) 924-3001, JoeR@EnviroTrac.com 4/26/16 - Raphael Ketani. Today I received the EnviroTrac 4/25/16 Quarterly Update Report. On 12/9/15, 1/28/16 and on 2/1/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 2/11/16 MW-2 to 6, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were gauged. MW-2 to 6, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were sampled on 2/11/16. Product was not measured in any of the wells. Groundwater was measured at 6.79' and 15.66' below grade and was determined to be flowing northerly. Total BTEX was 2968.1 ppb (856 ppb) at MW-2, non-detect at MW-3 to MW-6 and MW-8 and FW-7, 138.7 ppb (15 ppb benzene) at FW-8, 201.7 ppb (8 ppb benzene) at FW-9, 3.6 ppb at CW-8, 22.1 ppb (13.2 ppb benzene) at CW-9 and 450.3 ppb (12 ppb benzene) at SVE-1. 7/26/16 - Raphael Ketani. Today I received the EnviroTrac July 2016 Quarterly Update Report dated 7/26/16 for the period March to May 2016. On 3/1/16, 4/20/16 and on 5/6/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 5/13/16 MW-1 to 8, FW-7, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 8, FW-7, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 5/13/16. Product was not measured in any of the wells. Groundwater was measured at 8.76' and 16.03' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1, 929.9 ppb (254 ppb) at MW-2, non-detect at MW-3 to MW-8, 143.8 ppb (non-detect benzene) at FW-7, non-detect at CW-8 and at CW-9, 427 ppb (62.9 ppb benzene) at SVE-1 and non-detect at SVE-7. 10/24/16 - Raphael Ketani. I reviewed the EnviroTrac August 2016 Quarterly Update Report dated 10/24/16 for the period June to August 2016. On 6/8/16, 7/13/16 and on 8/9/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 8/10/16 MW-1 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 8, FW-7 to FW-9, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 8/10/16. Product was not measured in any of the

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

wells. Groundwater was measured at 9.09' and 15.67' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1 and MW-4 to MW-8. MW-2 was 568.5 ppb (247 ppb benzene). FW-7 had 469.5 ppb (20.2 ppb benzene). FW-8 had 180.8 ppb (19.9 ppb benzene). FW-9 had 231.2 ppb (23 ppb benzene). CW-8 had 4.4 ppb. CW-9 had 2.3 ppb. SVE-1 had 373.8 ppb (15.9 ppb benzene). SVE-7 had 4.2 ppb BTEX. 12/19/16 - Raphael Ketani. Today I received an email as a c-c from Ryan Piper, Engineering Geologist I at DEC Region 2, concerning a new spill (#1608842)at the site. The spill concerned oil contaminated surface water flowing off of the site and onto the street in front due to a clogged drain at the northern end of the property. There was an odor complaint as a result. I sent an email to Mr. Fleming, the representative of Speedway, stating that they faced possible fines and legal action for violating the SPDES regulation, 6 NYCRR Part 750.1.3. I also stated that the subject northern drain must be cleaned out immediately and that Speedway must check the drains at its other stations and make sure they can receive precipitation. Mr. Ryan's original email to Mr. Fleming is as below: A neighbor complained about a diesel spill/ condition at the station that is affecting the surrounding neighborhood. I performed a site visit on Sunday Dec 18th in which I observed the condition. Apparently, there are a number of storm drains on the premises, particularly the drain on the north side of the property, that are clogged with sediment causing large puddles to run off into and down the street to a NYCDEP storm drain. Combined with poor housekeeping and minor spilling at the Diesel pump island on the North side of the property, this is causing a nuisance odor and adverse condition down the road. Therefore I am directing you to take the appropriate action to address this issue as follows. Control of Storm Water Emanating from 204-222 4th Ave, Brooklyn, NY: As per 6 NYCRR Part 750.1.3, The following discharges into the waters of the State are hereby prohibited, and no SPDES or other permit shall be issued authorizing any such discharge: (d) any discharge from a point source, which is in conflict with a plan or amendment thereto approved pursuant to section 208(b) of the Act and 40 CFR part 35 (see section 750-1.24 of this Part), or any other discharge not permitted by this Part, ECL Article 17, other rules and regulations adopted or applicable

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

pursuant thereto or to the Act, or the provisions of an SPDES permit. During the site visit referenced above, evidence was observed of storm water flowing from 204-222 4th Ave, Brooklyn, NY to the street. As such the Department requires that the storm water from 204-222 4th Ave be directed to onsite drainage systems. Documentation of catch basin cleaning must be submitted to the Department no more than 1 month from the date of this email. Mr. Fleming responded back quickly by email stating that the problem will be immediately corrected. 1/19/17 - Raphael Ketani. Today I received an email from Mr. Russo [(631) 924-3001, EDR@EnviroTrac.com] regarding the plugged drains at the site (spill #1608842). The email had attachments consisting of a site plan showing the 6 catch basin locations, photos of the basins taken on 12/20/16 and photos of the basins taken on 1/17/17. Mr. Russo explained in his email that 3 of the catch basins were noted as not draining during EnviroTrac's 12/20/16 inspection. All of the catch basins were cleaned of debris and jetted for 70 feet by a Speedway contractor on 12/31/16. On 1/17/17, the site was inspected again. This time only CB-3 was not draining properly. Mr. Russo stated that this drain will be addressed again by Speedway's contractor. He stated that he will send the DEC an update regarding the re-establishment of drainage at CB-3. 2/2/17 - Raphael Ketani. I reviewed the EnviroTrac January 2017 Quarterly Update Report dated 1/31/17 for the period September to November 2016. On 9/2/16, 10/17/16 and on 11/8/16 VEFRing was conducted at SVE-1 and short term remediation events were conducted at SVE-6/AS-1. On 11/23/16 MW-1 to 6, MW-8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged. MW-1 to 6, MW-8, FW-7, FW-9, CW-8, CW-9, SVE-1 and SVE-7 were sampled on 11/23/16. Product was not measured in any of the wells. Groundwater was measured at 7.55' and 15.55' below grade and was determined to be flowing northerly. Total BTEX was non-detect at MW-1, 3 to 6, 8 and SVE-7. The samples for FW-9, CW-8, CW-9 and SVE-1 had 1 to 3 low hits. MW-2 was 1091.1 ppb (487 ppb benzene). FW-7 had 899.6 ppb (45.6 ppb benzene). 4/28/17 - Raphael Ketani. Today I received an email from Mr. Butler that he is leaving Speedway. He stated that John Engdahl [jjengdahl@speedway.com (732) 738-2923] will take over his duties. 5/2/17 - Raphael Ketani. I reviewed the EnviroTrac April 2017 Quarterly Update Report dated 4/28/17 for the period December to

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

February 2017. On 12/7/16, 1/11/17 and on 2/2/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 2/7/17, MW-1 to 6, MW-8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not measured in any of the wells. Groundwater was measured at 7.57' and 15.48' below grade and was determined to be flowing northerly. BTEX was non-detect at MW-3 to 6, 8 and CW-9. The samples for MW-1, FW-7 to FW-9, CW-8 and SVE-7 had 1 to 4 low hits. MW-2 was 3876.1 ppb (991 ppb benzene). SVE-1 was 1329.4 ppb (38.3 ppb benzene). The PID effluent concentration a SVE-6/AS-1 was 665.3 ppm, 405.6 ppm and 290.8 ppm on 12/7/16, 1/11/17 and 2/2/17, respectively. I approved the report with a comment to Mr. Rennie asking him to explain the extremely high benzene concentration in the groundwater at MW-2.
8/1/17 - Raphael Ketani. I reviewed the EnviroTrac July 2017 Quarterly Update Report dated 7/28/17 for the period March to May 2017. On 3/7/17, 4/7/17 and on 5/3/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 5/30/17, MW-1 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.00' to 18.42' below grade and was determined to be flowing northerly. BTEX was non-detect or low at MW-1, 3 to 6, 8, FW-8, CW-8, CW-9 and SVE-7. MW-2 was 2699.1 ppb (563 ppb benzene). MW-7 was 110.6 ppb (90 ppb benzene). FW-7 was 252.5 ppb (non-detect for benzene). FW-9 was 81.1 ppb (30.8 ppb benzene). SVE-1 was 5475.7 ppb (48.7 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 324.1 ppm and 175.5 ppm on 3/7/17 and 4/7/17, respectively. 10/31/17 - Raphael Ketani. I reviewed the EnviroTrac October 2017 Quarterly Update Report dated 10/30/17 for the period June to August 2017. On 6/14/17, 7/12/17 and on 8/15/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 8/23/17, MW-1 to 3, 5 to 8, FW-7 to 9, CW-8, CW-9, SVE-1 and SVE-7 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.44' to 15.08' below grade and was determined to be flowing northerly. BTEX was non-detect or low at MW-1, 3 to 6, 8, FW-8, CW-8, CW-9 and SVE-7. MW-2 was 2269.9 ppb (481 ppb benzene). MW-7 was 129.5 ppb (115 ppb benzene). FW-7 was 122 ppb (non-detect for benzene). FW-9 was 126.3

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

ppb (48 ppb benzene). SVE-1 was 1558.1 ppb (83.1 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 95.3 ppm, 165.4 ppm and 131.2 ppm on 6/14/17, 7/12/17 and 8/15/17, respectively. EnviroTrac requested permission to abandon upgradient and side-gradient wells MW-1, 4, 5, 6, and SVE-7 based upon historical and current analytical data results. I reviewed the data for these wells and determined that their abandonment would not impact the monitoring of the site. 1/31/18 - Raphael Ketani. I reviewed the EnviroTrac January 2018 Quarterly Update Report dated 1/31/18 for the period September to November 2017. On 9/14/17, 10/30/17 and on 11/6/17 VEFRing was conducted at SVE-1 and short term remediation events (STREs) were conducted at SVE-6/AS-1. On 11/21/17, MW-2, 3, 8, FW-7 to 9, CW-8, CW-9 and SVE-1 were gauged and sampled. Product was not detected in any of the wells. Groundwater was measured at 8.25' to 15.64' below grade and was determined to be flowing northerly. Wells MW-1, 4 to 6 and SVE-7 were abandoned on 11/6/17. BTEX was non-detect or low at MW-3, 8, FW-7 to 9, CW-8 and CW-9. MW-2 was 3550.6 ppb (791 ppb benzene). MW-7 was not sampled. SVE-1 was 1126.5 ppb (69.5 ppb benzene). The PID effluent concentration at SVE-6/AS-1 was 408.1 ppm, 77.7 ppm and 360.9 ppm on 9/14/17, 10/30/17 and 11/6/17, respectively. 05/01/2018: This spill case was transferred to A. Doronova - AD. AD Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com DL the report to DDocs. Will review. AD 05/29/2018: Reviewed the report. It states that the spill case was reported when petroleum-impacted soil were encountered during underground storage tank (UST) upgrade activities in August 1996. This report covers monitoring period from December 2017 to February 2018. On December 11, 2017, January 16, and February 1, 2018 - EnviroTrac conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. On February 6, 2018 - the consultant gauged ten (10) and sampled eight (8) monitoring wells. On April 12, 2018 EnviroTrac sampled three (3) monitoring wells. Wells Gauged: MW-2, 3, 7, 8; FW-7, 8, 9; CW-8, 9, and SVE-1 Wells Containing LPH (feet):

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

None Groundwater Depth: 7.68 feet- 18.58 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 355 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 30.6 ug/L (MW-2) BTEX: highest concentrations are in well MW-2 (900ppb) EnviroTrac will continue quarterly groundwater sampling, with the next sampling event scheduled for May 2018. An Update Report summarizing these activities will be submitted to NYSDEC in July 2018. Monthly EFR and STRE events to continue. AD 07/18/2018: Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 07/26/2018: Reviewed the report. This report covers monitoring period from March 2018 May 2018. On March 5, April 11, and May 3, 2018 - the consultant conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - April 12, 2018 four (4) wells were gauged and three (3) monitoring wells were sampled. - May 8, 2018 nine (9) wells were gauged and eight (8) monitoring wells were sampled. Wells Gauged: MW-2, 3, 8; FW-7, 8, 9; CW-8, 9, and SVE-1. Wells Containing LPH (feet): None Groundwater Depth: 8.32 feet - 15.32 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 620 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 56.7 ug/L (MW-2) BTEX concentrations ranged in the site wells from ND in MW-3, MW-8, CW-9 to 2,600ppb in the most contaminated site well MW-2. Current Plans/Proposals: Continue quarterly groundwater sampling, with the next sampling event scheduled for August 2018. An Update Report summarizing these activities will be submitted to NYSDEC in October 2018. Continue monthly EFR and STRE events. AD 10/29/2018: Received the following e-mail from Mr. Rennie: Dear Ms. Doronova, Please find attached the most recent Update Report for the above referenced location. Sincerely, Joe Rennie Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 11/23/2018:

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Reviewed the report for the monitoring period: June 2018 August 2018. Work Performed: - June 13, July 24, & August 7, 2018 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - August 30, 2018 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1. Wells Containing LPH (feet): None. Groundwater Depth: 8.19 feet - 15.02 feet. Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1. Maximum Benzene Concentration: 802 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 44.1 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 4,440.2 ug/L Recommendations: Continue quarterly groundwater sampling, with the next sampling event scheduled for November 2018. An Update Report summarizing these activities will be submitted to NYSDEC in January 2019. Continue monthly EFR and STRE events. AD 01/29/2019: Received the following e-mail from Ed Russo: Ainura attached is the most recent update report for your review/files. Let us know if you have any questions or comments. Thanks. Edward Russo - Senior Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - 516.523.6714 (Cell) - edr@envirotrac.com Will review. AD 02/15/2019: Reviewed the report. It states that for the monitoring period: September 2018 November 2018, the following work was performed at the site: - September 4 & November 6, 2018 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short term remediation events (STREs) on SVE-6/AS-1. - October 11, 2018 Conducted EFR on monitoring well SVE-1. - November 12, 2018 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.11 feet - 15.23 feet. Groundwater Flow: Northerly. Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1. Maximum Benzene Concentration: 640 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 33.8 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 2,656.8 ug/L Recommendations: the consultant will continue quarterly groundwater sampling, with the next sampling event scheduled for February 2019. An Update Report summarizing these activities will be submitted to NYSDEC in April 2019. EnviroTrac will continue monthly

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

EFR and STRE events. AD 04/18/2019: Received the following e-mail from Mr. Rennie: Please find attached the most recent Update Report for the above referenced location. Joseph Rennie - Project Manager - EnviroTrac Ltd. - 5 Old Dock Road, Yaphank NY 11980 631.924.3001 (Office) - 631.924.5001 (Fax) - joer@envirotrac.com Will review. AD 05/01/2019: Reviewed the report. It states that for the monitoring period: December 2018 February 2019 the following work was performed at the site: - December 4, 2018 and January 16 & February 7, 2019 - Conducted enhanced fluid recovery (EFR) events on monitoring well SVE-1 and short-term remediation events (STREs) on SVE-6/AS-1. - February 26, 2019 Gauged and sampled ten (10) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1. Wells Containing LPH (feet): None Groundwater Depth: 6.71 feet 15.62 feet. Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 694 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 37.6 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 4,116.0 ug/L Recommendations: Continue quarterly groundwater sampling, with the next sampling event scheduled for May 2019. An Update Report summarizing these activities will be submitted to NYSDEC in July 2019. Continue monthly EFR and STRE events. AD 05/07/2019: I had an internal meeting with DEC BCP regarding this site, and was informed that they received an application for this spill case to enter into BCP. If their application will be approved, this spill case will be transferred to BCP section. AD 07/31/2019: Received the following e-mail from Mr. Rennie: Ainura - Please find attached the most recent Update Report for the above referenced location. Joseph Rennie Project Manager phone: 631.924.3001 - email: joer@envirotrac.com EnviroTrac Ltd., 5 Old Dock Road Yaphank, NY 11980 Will review, AD 08/02/2019: Reviewed the report. It states that for the monitoring period: March May 2019, the following work was performed: at the site: - March 29, April 5, & May 2, 2019 - Conducted EFR events on monitoring well SVE-1 and STREs on SVE-6/AS-1. - May 15, 2019 Gauged and sampled ten (10) monitoring wells. GW monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.67 feet 15.24 feet Groundwater Flow: Northerly Wells Sampled: MW-2,

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 719 micrograms per liter (ug/L) (MW-2) Maximum MTBE Concentration: 37.4 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 3,439.5 ug/L Recommendations: This site will potentially be approved into the New York State Brownfields Program. Until the site is approved into this program, Speedway will continue quarterly groundwater sampling, with the next sampling event scheduled for August 2019. An Update Report summarizing these activities will be submitted to NYSDEC in October 2019. Continue monthly EFR and STRE events. AD 08/23/2019: Received the following e-mail from Mr. Rennie: Ainura - Please find attached the most recent Update Report for the above referenced location. Joseph Rennie Project Manager EnviroTrac Ltd. phone: 631.924.3001 - email: joer@envirotrac.com 5 Old Dock Road Yaphank, NY 11980 - https://envirotrac.com Will review. AD 09/19/2019: Reviewed the report. It states that the site is now active gas station. The spill was reported when petroleum-impacted soils were encountered during UST upgrade activities in August 1996. Site Remediation Activities: - June and September 2004 BioSolve injection events were completed in select on-site wells. - October 2008 Monthly Enhanced Fluid Recovery (EFR) events commenced on select wells. - December 2014 Monthly Soil Vapor Extraction (SVE)/Air Sparge (AS) Short-Term Remediation Events (STREs) events commenced on select wells. For the reported monitoring Ppriod: June - August 2019, the following work was performed at the site: - June 6, July 10, & August 1, 2019 - Conducted EFR events on monitoring well SVE-1 and STREs on SVE-6/AS-1. - August 12, 2019 Gauged ten (10) and sampled nine (9) monitoring wells. Groundwater Monitoring: Wells Gauged: MW-2, 3, 7, 8, FW-7, 8, 9, CW-8, 9, and SVE-1 Wells Containing LPH (feet): None Groundwater Depth: 7.48 feet 15.33 feet Groundwater Flow: Northerly Wells Sampled: MW-2, 3, 7, 8; FW-7, 9; CW-8, 9, and SVE-1 Maximum Benzene Concentration: 489 ug/L (MW-2) Maximum MTBE Concentration: 28.8 ug/L (MW-2) Total VOCs Range: Non-detect (ND) 3,901.3 ug/L (MW-2) GW data: Well 08/2018 08/2019 (TVOCs in ppb) MW-2 4440 3900 MW-3 26 ND MW-7 37 19 MW-8 ND ND FW-7 468 52 FW-8 75 NS FW-9 139 1020 CW-8 69 148 CW-9 116 ND SVE-1 4035 863 Recommendations: This site will potentially be approved into the New York State Brownfields Program for a redevelopment project. Speedway is scheduled to complete divestment/UST system removal

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

activities in September 2019. UST system closure reporting and future monitoring/reporting related to this site, if needed, will be conducted by the new property owner (assuming the site is approved into the Brownfields Program). AD 04/21/2020: Received the following email from Mr. Morley of PWG: ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails. Ainura, Please find attached the 1st Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan -- Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 05/12/2020: Reviewed the report. It states that The property ownership changed in November 2019 and PWGC was retained to continue groundwater monitoring at the site. A Supplemental Remedial Investigation (SRI) was performed as part of the sites enrolment into the New York State Department of Environmental Conservation s (NYSDEC s) Brownfield Cleanup Program (BCP) which included groundwater sampling. The groundwater sampling performed during the SRI substituted for the fourth quarter 2019 monitoring event. The subject property is a former retail gasoline fueling station, fueling operations ceased in October 2019. The lot measures approximately 19,000 square-feet and is bounded by Sackett Street to the north, commercial properties to the west, 4th avenue to the east, and Union Street to the south. The property is improved with a 360-square foot at-grade storage building, and a cashier s kiosk. In October 2019, four (4) 4,000-gallon gasoline USTs, one (1) 4,000-gallon diesel UST, and one (1) 550-gallon wastewater UST were closed and removed from the property. An abandoned 2,000-gallon fuel oil UST near the storage building at the northwest corner of the Site was partially exposed, however the UST was not removed due to nearby utilities and potential for undermining the sidewalk and onsite storage building. Upon completing UST removal, associated product and vent lines were exposed and removed. During the October 2019 UST removal activities, monitoring well MW-3, which was located near the storage building, was destroyed. During the November 2019 SRI, GW018 was installed on the northwest corner of the site. Based on information documented in previous monitoring events, regional

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

groundwater flow is towards the north. GW sampling: PWGC mobilized to the site on Monday, March 9, 2020 to perform quarterly groundwater monitoring activities. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from 7 wells: CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. Monitoring wells FW-8 and FW-9 were dry and were not sampled. Analytical results for samples collected at CW-8, MW-8, GW018, FW-7, MW-2, MW-7 and CW-9 were compared to AWQS. MBTE was detected in MW-2, GW018, FW-7, MW-7, and CW-9 and BTEX was detected in MW-2, CW-8, FW-7, and MW-7. The highest concentration of MBTE was detected in CW-9 (11.0 ug/L). The lowest detectable concentration of MBTE was in GW018 (1.9 ug/L). The highest concentration of BTEX was detected in MW-2 (117.47 ug/L). The lowest detectable concentration of BTEX was in MW-7 (0.16 ug/L). Additionally, the highest concentrations of isopropylbenzene were detected at MW-2, FW-7, and CW-8. Based on these results, the highest degree of impact appears to be located adjacent to the former UST locations located in the central and western portions of the property. Generally, these concentrations were similar to previous sampling events. GW data: Well 08/2018 08/2019 03/2020 (TVOCs in ppb) MW-2 4440 3900 248 MW-3 26 ND destr MW-7 37 19 ND MW-8 ND ND ND FW-7 468 52 49.5 FW-8 75 NS NS dry FW-9 139 1020 NS dry CW-8 69 148 67 CW-9 116 ND 11 SVE-1 4035 863 NS GW018 ND Removal of the sourse of contamination significantly decreased TVOCs in the most contaminated site well MW-2 from 3900 ppb in August 2019 to 248 ppb in march of 2020. The consultanr states that based on analytical data, it appears that the highest levels of residual impact are located adjacent to the former UST areas located in the central and western portions of the site. Analytical results were generally consistent with previous monitoring events performed by Envirotrac. At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for May 2020. AD 08/21/2020: Received the following email from Mr. Morley: Ainura, Please find attached the 2nd Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 09/23/2020: Reviewed the 2nd quarter 2020 report. It states that PWGC mobilized to the site on Thursday, June 18, 2020 to perform quarterly groundwater monitoring activities. Groundwater monitoring consisted of measuring depth to water and total well depth measurements for the nine monitoring wells at the site. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring wells FW-7, FW-8 and FW-9 were observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List. Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to AWQS. Samples collected from MW-8, GW018, MW07, and CW-9 yielded concentrations of VOCs less than AWQS. MBTE was detected in CW-8, GW018, MW-2 and MW-7, with the concentrations of each under the AWQS of 10 ug/L. The highest concentration of MBTE was detected in MW-7 (9.6 ug/L). The lowest detectable concentration of MBTE was in CW-8 (0.75 ug/L). Detectable concentrations of MBTE were less than AWQS at each sampling location. Benzene was detected at concentrations greater than AWQS at monitoring wells MW-2 and CW-8 with the highest concentration, 35 ug/L, detected at MW-2. Ethylbenzene was detected at a concentration grater than AWQS at MW-2 with a concentration of 11 ug/L. The highest BTEX (benzene, toluene, ethylbenzene, and xylene) was detected in MW-2 (46 ug/L). Additionally, isopropylbenzene and n-propylbenzene was detected above AWQS in samples from MW-2 and CW-8 (11 ug/L and 13 ug/L : 20 ug/L and 15 ug/L, respectively). 1,2,4-trimethylbenzene was detected at a concentration of 77 ug/l at MW-2. 1,2,4-trimethylbenzene, isopropylbenzene, and n-propylbenzene are common compounds associated with petroleum impact. Based on these results, the highest degree of impact appears to be located adjacent to the former UST locations located in the central and western portions of the property. Generally, these concentrations were similar to previous sampling events. At this time, PWGC offers the following recommendations for the site: " Continue quarterly groundwater sampling at CW-8, MW-8,

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for September 2020. AD 11/10/2020: Received the following email from Mr. Morley: Ainura, Please find attached the 3rd Quarter 2020 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 12/11/2020: Reviewed the report. It states that The property ownership changed in November 2019 and PWGC was retained to continue groundwater monitoring at the site. The subject property is a former retail gasoline fueling station, fueling operations ceased in October 2019. The lot measures approximately 19,000 square-feet and is bounded by Sackett Street to the north, commercial properties to the west, 4th avenue to the east, and Union Street to the south. The property is improved with a 360-square foot at-grade storage building, and a cashier s kiosk. PWGC mobilized to the site on Wednesday, September 23, 2020 to perform quarterly groundwater monitoring activities. Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring wells FW-7, FW-8 and FW-9 were observed to be dry at the time of field activities and could not be sampled. Total BTEX was detected in MW-2 at a concentration of 1,015 ug/L. Minimal concentrations or non-detectable concentrations of total were observed in the remaining monitoring wells. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for December 2020. 04/22/2021: Received the following email from Mr. Morley: Ainura, Please find attached the first quarter 2021 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f. 631.589.8705 Will review. AD 05/26/2021: Reviewed the report. It states that PWGC mobilized to the site on Wednesday, March 17, 2021 to perform quarterly groundwater monitoring activities.

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring well FW-7 was observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to AWQS. Samples collected from wells MW-8, GW018, and CW-9 indicated VOCs less than AWQS. MBTE was detected in MW-2 at 11 ug/L, which is slightly more than the AWQS of 10 ug/L. Sample results from the five other wells yielded concentrations of MBTE that were below AWQS or below the laboratory detection limit. Benzene was detected in the sample collected from MW-7 at 6.9 ug/L. Sample results from the five other wells for benzene were below AWQS or below the laboratory detection limit. Concentrations of total BTEX comprised of solely the detections of Benzene, as the other three compounds were not detected at any of the six monitoring wells. Additionally, isopropylbenzene was detected at a concentration greater than AWQS in the sample collected from CW-8 with a result of 5.3 ug/L. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Analytical results were generally consistent with previous monitoring events in terms of which locations exhibited the highest degree of impact, however the concentrations of VOCs were significantly lower than concentrations reported during previous sampling events. Recommendations: At this time, PWGC offers the following recommendations for the site: - Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for June 2021. AD 11/05/2021: Received the following email from Mr. Morley: Ainura, Please find attached the third quarter 2021 spill monitoring report for 204 4th Ave in Brooklyn for your review. Please let me know if you have any questions or concerns. -Ryan Ryan Morley, PG - Project Manager 630 Johnson Ave, Suite 7 Bohemia, NY 11716 w. 631.589.6353 f.

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

631.589.8705 Will review. AD 12/02/2021: Reviewed the 3rd quarter 2021 report. It states that PWGC mobilized to the site on Monday September 13, 2021 to perform quarterly groundwater monitoring activities. Groundwater monitoring consisted of measuring depth to water and total well depth measurements for the nine monitoring wells at the site. Water levels were collected using a Solinst Oil / Water Interface Probe. Groundwater analytical results were compared to the NYSDEC Ambient Groundwater Quality Standards (AWQS). Samples were collected from CW-8, MW-8, GW018, MW-2, MW-7, and CW-9. Monitoring well FW-7 was observed to be dry at the time of field activities and could not be sampled. The samples were analyzed for the presence of: " Volatile Organic Compounds (VOCs) by USEPA method 8260 NYSDEC CP-51 List Monitoring Well Sampling Results: Analytical results for samples collected at CW-8, MW-8, GW018, MW-2, MW-7, and CW-9 were compared to NYSDEC s AWQS. Samples collected from wells MW-2, MW-8, and GW018 indicated VOCs less than AWQS. MBTE was detected below the AWQS of 10 ug/L in all six samples. Benzene was detected in the samples collected from MW-7, CW-8, and CW-9 at concentrations of 22 ug/L, 12 ug/L, and 5.7 ug/L, respectively, which are greater than the AWQS of 1 ug/L. Sample results from the three other wells yielded concentrations of benzene below the laboratory detection limit. Concentrations of BTEX comprised of solely the detections of Benzene, as the other three compounds were not detected at any of the six wells. Isopropylbenzene was detected in the samples collected from MW-7, CW-8, and CW-9 at of 95 ug/L, 110 ug/L and 6.2/L, respectively, which are greater than the AWQS of 5 ug/L. N-proplybenzene was detected in MW-7 and CW-8 at 150 ug/L and 140 ug/L, respectively, which are greater than the AWQS of 10 ug/L. Sec-butylbenzene was detected in MW-7 and CW-8 at 23 ug/L and 9.5 ug/L, respectively, which are greater than the AWQS of 5 ug/L. Napthalene was detected in the sample collected from CW-8 at a concentration of 12 ug/L which is greater than the AWQS of 5 ug/L. N-butylbenzene was detected in the sample collected from CW-8 at 6.2 ug/L which is greater than the AWQS of 5 ug/L. VOs levels have increased when compared to last quarter s sampling event but overall show decreasing concentrations when compared to previous sampling events. Hydrographs have been developed for each of the seven monitoring wells illustrating the trends in

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

BTEX and MBTE concentrations over time compared to groundwater elevations dating back to May 2016. Based on these results, remaining petroleum impact in groundwater above AWQS appears to be located adjacent to the former UST locations located in the central and western portions of the property. Analytical results were generally consistent with previous monitoring events in terms of which locations exhibited the highest degree of impact, however the concentrations of VOCs were generally lower than concentrations reported during previous sampling events. At this time, PWGC offers the following recommendations for the site: " Continue quarterly groundwater sampling at CW-8, MW-8, GW018, FW-7, MW-2, MW-7, and CW-9. The next sampling event is scheduled for December 2021. Given that BTEX ranges in the site well s from ND to 27 ppb in well MW-7, his site is a good candidate for a case closure in the future. AD 12/8/21 - Spill transferred to Steven Wu for tracking under BCP site no. C224295. JHO"

Remarks: "removal of under ground tanks-poss soil contamination"

All Materials:

Site ID:	74470
Operable Unit ID:	1036525
Operable Unit:	01
Material ID:	348465
Material Code:	0008
Material Name:	diesel
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

Site ID:	74470
Operable Unit ID:	1036525
Operable Unit:	01
Material ID:	348466
Material Code:	0009
Material Name:	gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

Name:	HESS STATION #32530
Address:	204-222 4TH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0602980 / 2006-09-12
Facility ID:	0602980
Facility Type:	ER
DER Facility ID:	310148
Site ID:	365575
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2006-06-17
Investigator:	SKCARLSO
Referred To:	CONSOLIDATED WITH 96-05719
Reported to Dept:	2006-06-17
CID:	71
Water Affected:	Not Reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not Reported
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-17
Spill Record Last Update:	2006-09-12
Spiller Name:	MICHAEL MATRI
Spiller Company:	HESS STATION #32530
Spiller Address:	204-222 4TH AVE
Spiller Company:	001
Contact Name:	MICHAEL MATRI
DEC Memo:	"6/19/06: Left Mike Matri a voice message requesting a report with endpoint sampling. Received voice message from Mike Matri, post-excavation sampling results will be submitted. 8/7/06: Sent followup email for endpoint sampling results to Dawn Coughlin of Hess. 8/15/06: Received the results of endpoint sampling conducted during spill bucket replacement. Contaminants exceeding TAGM standards were found in both samples. A monitoring well is required adjacent to endpoint sampling locations. If possible, the RAP due for Spill 96-05719 should include remediation of spill 06-02980. 9/12/06: Consolidated with spill 96-05719. A RAP for installation of a SVE system was approved which will remediate spills 96-05719 and 06-02980."
Remarks:	"SPILL BUCKET LEAKING. IMPACT TO SOIL. SOIL EXCAVATED. HESS WAS

HESS STATION 32530, 204-222 4TH AVENUE, BROOKLYN, NY (Continued)

UPGRADING SPILL BUCKET. IDENTIFIED CONTAMINATED SOIL. STATION HAS EXISTING DEC SPILL . CASE MGR IS SARAH ANDERSON - REGION 2"

All Materials:

Site ID:	365575
Operable Unit ID:	1123589
Operable Unit:	01
Material ID:	2113056
Material Code:	0009
Material Name:	gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	Not Reported
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

MERIT GASOLINE STATIONS 210 4TH AVE, BROOKLYN, NY, 11217			1021162621
▲ G13	ESE <1/10	(436 ft. / 0.083 mi.)	EDR Exclusive Records
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Auto: EDR Exclusive Records	I00 - Overfill - None

Year:	Name: / Type:
1994:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1995:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1996:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1997:	MERIT GASOLINE STATIONS / Gasoline Service Stations
1998:	MERIT OIL CORPORATION / Gasoline Service Stations
1999:	MERIT OIL CORPORATION / Gasoline Service Stations
2000:	MERIT OIL CORPORATION / Gasoline Service Stations
2001:	AMERADA HESS CORPORATION / Gasoline Service Stations
2002:	AMERADA HESS CORPORATION / Gasoline Service Stations
2003:	AMERADA HESS CORPORATION / Gasoline Service Stations

B M T STOP DRY CLEANERS INC 230 4TH AVE STE B, BROOKLYN, NY, 11215			1019933779
▲ G14	SE <1/10	(440 ft. / 0.083 mi.)	EDR Exclusive Records
	7 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Cleaner: EDR Exclusive Records	I00 - Overfill - None

Year:	Name: / Type:
1997:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
1998:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
1999:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2000:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2001:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2002:	BMT STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
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2009:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2010:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2011:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2012:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2013:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs
2014:	B M T STOP DRY CLEANERS INC / Drycleaning Plants, Except Rugs

4TH & SACKETT STREET 4TH & SACKETT STREET, BROOKLYN, NY,			S105053980
▲ G15	ESE <1/10	(447 ft. / 0.085 mi.)	Lists of state and tribal leaking storage tanks
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

LTANKS: Lists of state and tribal leaking storage tanks	I00 - Overfill - None

Name:	4TH & SACKETT STREET
Address:	4TH & SACKETT STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9113310 / 1994-08-03
Facility ID:	9113310
Site ID:	221268
Spill Date:	1992-03-31
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	1994-08-03
SWIS:	2401
Investigator:	SULLIVAN
Referred To:	Not Reported
Reported to Dept:	1992-03-31
CID:	Not Reported

4TH & SACKETT STREET, 4TH & SACKETT STREET, BROOKLYN, NY (Continued)

Water Affected:	Not Reported
Spill Notifier:	Tank Tester
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-04-07
Spill Record Last Update:	1994-08-03
Spiller Name:	Not Reported
Spiller Company:	MERIT GAS STA.
Spiller Address:	4TH & SACKETT ST.
Spiller County:	001
Spiller Contact:	Not Reported
Spiller Phone:	Not Reported
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	182999
DEC Memo:	""
Remarks:	"WILL E.I.R., ALSO REG. UNLEADED PRODUCT LINE FAILED AT SAME LOCATION, LEAK RATE = .112 GPH."

All TTF:

Facility ID:	9113310
Spill Number:	9113310
Spill Tank Test:	1539808
Site ID:	221268
Tank Number:	Not Reported
Tank Size:	0
Material:	0022
EPA UST:	Not Reported
UST:	Not Reported
Cause:	Not Reported
Source:	Not Reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not Reported
Modified By:	Spills
Last Modified Date:	Not Reported

All Materials:

Site ID:	221268
Operable Unit ID:	964072
Operable Unit:	01
Material ID:	414820
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not Reported

4TH & SACKETT STREET, 4TH & SACKETT STREET, BROOKLYN, NY (Continued)

Material FA:	Petroleum
Quantity:	.00
Units:	Not Reported
Recovered:	.00
Oxygenate:	Not Reported

76 5TH AVE HOUSING DVLPT FUND 621 DEGRAW ST, BROOKLYN, NY, 11217			1021143458
▲ H16	ENE <1/10	(459 ft. / 0.087 mi.)	EDR Exclusive Records
	7 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Auto: EDR Exclusive Records	I00 - Overfill - None

Year:	Name: / Type:
2011:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2012:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2013:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations
2014:	76 5TH AVE HOUSING DVLPT FUND / Gasoline Service Stations

RINALDI RECYCLING CO. INC. 182 4TH AVE., BROOKLYN, NY, 11217			S105842419
▲ H17	E 1/10 - 1/3	(538 ft. / 0.102 mi.)	Lists of state and tribal landfills and solid waste disposal facilities
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

SWF/LF: Lists of state and tribal landfills and solid waste disposal facilities	I00 - Overfill - None

Name:	RINALDI RECYCLING CO. INC.
Address:	182 4TH AVE.
City,State,Zip:	BROOKLYN, NY 11217
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185226648
Owner Name:	Frank Rinaldi
Owner Type:	Not Reported
Owner Address:	182 4th Ave.
Owner Addr2:	Not Reported
Owner City,St,Zip:	Brooklyn, NY 11217
Owner Email:	Not Reported
Owner Phone:	7185226648
Contact Name:	Not Reported

RINALDI RECYCLING CO. INC., 182 4TH AVE., BROOKLYN, NY 11217 (Continued)

Contact Address:	Not Reported
Contact Addr2:	Not Reported
Contact City,St,Zip:	Not Reported
Contact Email:	Not Reported
Contact Phone:	Not Reported
Activity Desc:	Regulated medical waste - radiopharmacy
Activity Number:	[24MA9]
Active:	No
East Coordinate:	Not Reported
North Coordinate:	Not Reported
Accuracy Code:	Not Reported
Regulatory Status:	Registration
Waste Type:	Not Reported
Authorization #:	Not Reported
Authorization Date:	Not Reported
Expiration Date:	Not Reported
Operator Name:	Not Reported
Operator Type:	Not Reported
Laste Date:	Not Reported

RINALDI RECYCLING CO. 326 DOUGLASS STREET, BROOKLYN, NY, 11217			S105842286
▲ H18	ENE 1/10 - 1/3	(564 ft. / 0.107 mi.)	Local Lists of Landfill / Solid Waste Disposal Sites
	7 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

SWRCY: Local Lists of Landfill / Solid Waste Disposal Sites	I00 - Overfill - None
Name:	RINALDI RECYCLING CO.
Address:	326 DOUGLASS STREET
City,State,Zip:	BROOKLYN, NY 11217
Region:	2
Facility Address 2:	Not Reported
Phone Number:	7185226648
Owner Type:	Not Reported
Owner Name:	Not Reported
Owner Address:	Not Reported
Owner Address 2:	Not Reported
Owner City,St,Zip:	Not Reported
Owner Email:	Not Reported
Owner Phone:	Not Reported
Contact Name:	DOMINICK RINALDI
Contact Address:	Not Reported
Contact Address 2:	Not Reported
Contact City,St,Zip:	Not Reported
Contact Email:	Not Reported
Contact Phone:	Not Reported

RINALDI RECYCLING CO., 326 DOUGLASS STREET, BROOKLYN, NY 11217 (Continued)

Activity Desc:	RHRF - registration
Activity Number:	[24MA9]
Active:	No
East Coordinate:	585977
North Coordinate:	4503566
Accuracy Code:	Not Reported
Regulatory Status:	Not Reported
Permit #:	Not Reported
Auth. Date:	Not Reported
Expiration Date:	Not Reported
Waste Types:	Not Reported
Operator Name:	Not Reported
Operator Type:	Not Reported
Last Date:	Not Reported

LESLIE AND BROTHERS SVC STN 164 4TH AVE, BROOKLYN, NY, 11217			1020775927
▲ H19	ENE 1/10 - 1/3	(600 ft. / 0.114 mi.)	EDR Exclusive Records
	8 ft. Higher Elevation	26 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

EDR Hist Auto: EDR Exclusive Records	I00 - Overfill - None

Year:	Name: / Type:
1973:	ECUADORIAN SERVICE STATION / Gasoline Service Stations
1974:	L & C SERVICE STATION / Gasoline Service Stations
1975:	L & C SERVICE STATION CORP / Gasoline Service Stations
1976:	LORCONI SERVICE STATION CORP / Gasoline Service Stations
1976:	LORCOM SERVICE STATION CORP / Gasoline Service Stations
1977:	LORCONI SERVICE STATION CORP / Gasoline Service Stations
1977:	LORCOM SERVICE STATION CORP / Gasoline Service Stations
1986:	AMOCO / Gasoline Service Stations
1987:	AMOCO / Gasoline Service Stations
1988:	AMOCO / Gasoline Service Stations
1989:	AMOCO / Gasoline Service Stations
1990:	AMOCO / Gasoline Service Stations
1991:	MARK AUTO REPAIRS / General Automotive Repair Shops
1991:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1992:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1992:	MARK AUTO REPAIRS / General Automotive Repair Shops
1993:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1993:	MARK AUTO REPAIRS / General Automotive Repair Shops
1994:	MARK AUTO REPAIRS / General Automotive Repair Shops
1994:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1995:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations
1996:	LESLIE AND BROTHERS SVC STN / Gasoline Service Stations

LESLIE AND BROTHERS SVC STN, 164 4TH AVE, BROOKLYN, NY 11217 (Continued)

1997: LESLIE AND BROTHERS SVC STN / Gasoline Service Stations

RALPH'S CLEANERS 230 FIFTH AVE., BROOKLYN, NY, 11215			S110247742
▲ 20	SE 1/10 - 1/3	(1276 ft. / 0.242 mi.)	Other Ascertainable Records
	32 ft. Higher Elevation	50 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

DRYCLEANERS: Other Ascertainable Records — I00 - Overfill - None

Name: RALPH'S CLEANERS
Address: 230 FIFTH AVE.
City,State,Zip: BROOKLYN, NY 11215
Facility ID: 2-6103-00246
Phone Number: 718-789-2326
Region: Not Reported
Registration Effective Date: N/A
Inspection Date: 1931-03-03 00:00:00
Install Date: 98/03
Expiration Date: Not Reported
Removal Date: Not Reported
Drop Shop: Not Reported
Shutdown: Y
Alternate Solvent: Not Reported
Current Business: Not Reported

SPILL NUMBER 0209206 11 LINCOLN PLACE, BROOKLYN, NY,			S105997531
▲ 21	ESE 1/10 - 1/3	(1500 ft. / 0.284 mi.)	Lists of state and tribal leaking storage tanks
	30 ft. Higher Elevation	48 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LTANKS: Lists of state and tribal leaking storage tanks — No NCAPS ranking

Name: SPILL NUMBER 0209206
Address: 11 LINCOLN PLACE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0209206 / 2004-04-16
Facility ID: 0209206
Site ID: 156887
Spill Date: 2002-12-07
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4

SPILL NUMBER 0209206, 11 LINCOLN PLACE, BROOKLYN, NY (Continued)

Cleanup Ceased:	Not Reported
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not Reported
Reported to Dept:	2002-12-07
CID:	252
Water Affected:	Not Reported
Spill Notifier:	Responsible Party
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-07
Spill Record Last Update:	2004-04-16
Spiller Name:	MATTHEW FACIANO
Spiller Company:	MORANIA OIL CO
Spiller Address:	2125 MILL AVE
Spiller County:	001
Spiller Contact:	MATTHEW FACIANO
Spiller Phone:	(718) 444-4800
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	132734
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/9/2002-Vought-Spoke to William Falkenmeyer (Morania) who stated that amount spilled was 1/4 cup.Spoke with Doris Lopsely (Co-op treasurer) who will investigate basement and residence and call back to confirm cleanup within one hour. 12/9/02-Vought-Left Doris message to call back NYSDEC 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 3/30/04 - Sawyer - Called Doris Lopsey and there was no answer. Left message to call back. 4/16/04 - Sawyer - Talked to Doris Lopsey and she said her Oil Company cleaned up this minor spill long ago."
Remarks:	"CALLER STATES UNK AMT WAS SPILLED IN THE BASEMENT DUE TO TANK OVERFILL. CLEANUP CREW ENROUTE TO RESIDENCE FOR CLEANUP."

All Materials:

Site ID:	156887
Operable Unit ID:	862375
Operable Unit:	01
Material ID:	516185
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not Reported

SPILL NUMBER 0209206, 11 LINCOLN PLACE, BROOKLYN, NY (Continued)

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

19 BERKELEY PL 19 BERKELEY PL, BROOKLYN, NY,		S105997672
▲ 22	ESE 1/10 - 1/3 (1552 ft. / 0.294 mi.) 34 ft. Higher Elevation 52 ft. Above Sea Level	Lists of state and tribal leaking storage tanks Records of Emergency Release Reports

Worksheet:

Impact on Target Property: VEC does not exist

LTANKS: Lists of state and tribal leaking storage tanks	No NCAPS ranking
Name:	AYALA RESIDENCE
Address:	19 BERKELEY PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0209599 / 2002-12-18
Facility ID:	0209599
Site ID:	238174
Spill Date:	2002-12-18
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not Reported
SWIS:	2401
Investigator:	DO
Referred To:	Not Reported
Reported to Dept:	2002-12-18
CID:	390
Water Affected:	Not Reported
Spill Notifier:	Citizen
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-18
Spill Record Last Update:	2010-08-26
Spiller Name:	Not Reported
Spiller Company:	CONSOLIDATED OIL
Spiller Address:	Not Reported
Spiller County:	001
Spiller Contact:	JOHN
Spiller Phone:	(718) 230-9123
Spiller Extention:	Not Reported

19 BERKELEY PL, 19 BERKELEY PL, BROOKLYN, NY (Continued)

DEC Region:	2
DER Facility ID:	196170
DEC Memo:	"Austin - closed -see #0209601 - end"
Remarks:	"caller reporting oil company filled tank - and it spilled oil onto the floor - unk how much spilled caller states that there is approx 1 inch of material on the floor - would like dec to respond and check the air quality"

All Materials:

Site ID:	238174
Operable Unit ID:	860852
Operable Unit:	01
Material ID:	513019
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

SPILLS:

Name:	19 BERKELEY PL
Address:	19 BERKELEY PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0209601 / 2010-10-26
Facility ID:	0209601
Facility Type:	ER
DER Facility ID:	196170
Site ID:	238175
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-12-18
Investigator:	RWAUSTIN
Referred To:	Not Reported
Reported to Dept:	2002-12-18
CID:	396
Water Affected:	Not Reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not Reported
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False

19 BERKELEY PL, 19 BERKELEY PL, BROOKLYN, NY (Continued)

Remediation Phase:	0
Date Entered In Computer:	2002-12-18
Spill Record Last Update:	2010-10-26
Spiller Name:	Not Reported
Spiller Company:	CONSOLATED OIL
Spiller Address:	Not Reported
Spiller Company:	001
Contact Name:	RAY LARA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 12/18/02 arakhan 3:50PM PTC CLEANUP CREW ON WAY TO SPILL LOCATION. WILL CALL BACK WITH UPDATE. SAME AS SPILL #0209599. 4:02 PM PET TANK CLEANERS NOT DOING CLEANUP; TRI-STATE CALLED BY OIL CO'S INSURANCE COMPANY. 10/26/10 - Austin - Nothing in spill description or uantity indicates that this was anything other than a small surface spill - spill closed - end"
Remarks:	"clean up inprogress."

All Materials:

Site ID:	238175
Operable Unit ID:	860854
Operable Unit:	01
Material ID:	513021
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not Reported

ECONOMY CLEANERS 123 5TH AVE, BROOKLYN, NY, 11217			1000318363
▲ 23	E 1/10 - 1/3	(1576 ft. / 0.299 mi.)	Lists of Federal RCRA generators Lists of state and tribal leaking storage tanks Other Ascertainable Records
	26 ft. Higher Elevation	44 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA-VSQG: Lists of Federal RCRA generators	No NCAPS ranking
Date Form Received by Agency:	20070101
Handler Name:	ECONOMY CLEANERS
Handler Address:	123 5TH AVE
Handler City,State,Zip:	BROOKLYN, NY 11217
EPA ID:	NYD981085053

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Contact Name:	Not Reported
Contact Address:	5TH AVE
Contact City,State,Zip:	BROOKLYN, NY 11217
Contact Telephone:	Not Reported
Contact Fax:	Not Reported
Contact Email:	Not Reported
Contact Title:	Not Reported
EPA Region:	02
Land Type:	Not Reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	5TH AVE
Mailing City,State,Zip:	BROOKLYN, NY 11217
Owner Name:	OWNERNAME
Owner Type:	Private
Operator Name:	OWNERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not Reported
Manifest Broker:	Not Reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	19990714
Handler Name:	ECONOMY CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20060101
Handler Name:	ECONOMY CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20070101
Handler Name:	ECONOMY CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	19850715
Handler Name:	ECONOMY CLEANERS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LTANKS:

Name:	ECONOMY CLEANERS
Address:	123 5TH AVE
City,State,Zip:	BROOKLYN, NY 11217

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Spill Number/Closed Date:	0507654 / 2005-11-30
Facility ID:	0507654
Site ID:	353099
Spill Date:	2005-09-26
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D4
Cleanup Ceased:	Not Reported
SWIS:	2401
Investigator:	SFRAHMAN
Referred To:	Not Reported
Reported to Dept:	2005-09-26
CID:	444
Water Affected:	Not Reported
Spill Notifier:	Responsible Party
Last Inspection:	Not Reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-26
Spill Record Last Update:	2005-11-30
Spiller Name:	KYUNG KANG
Spiller Company:	ECONOMY CLEANERS
Spiller Address:	123 5TH AVE
Spiller County:	001
Spiller Contact:	KYUNG KANG
Spiller Phone:	(718) 789-2163
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	300392
DEC Memo:	"Sangesland called and left a message with a woman (wife?) - language difficulty 10.13.05 SR// Sharif sent a ttf letter. 11/30/05 Sharif//Milro did the clean up. The concrete floor was not contaminated. They replaced the tank and installed a new one.Waste disposal manifest is included and photographs.NFA required."
Remarks:	"TANK HAS A HOLE IN IT : LEAKING IN BASEMENT; TANK IS ROTTED"

All Materials:

Site ID:	353099
Operable Unit ID:	1110569
Operable Unit:	01
Material ID:	2100603
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	Not Reported
Units:	G

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Recovered:	.00
Oxygenate:	Not Reported

US AIRS MINOR:

Envid:	1000318363
Region Code:	02
Programmatic ID:	AIR NY0000002610300220
Facility Registry ID:	110004397126
D and B Number:	Not Reported
Primary SIC Code:	7216
NAICS Code:	812320
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not Reported
HPV Status:	Not Reported

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR NY0000002610300220
Facility Registry ID:	110004397126
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2000-12-13 00:00:00
Activity Status Date:	Not Reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not Reported

Region Code:	02
Programmatic ID:	AIR NY0000002610300220
Facility Registry ID:	110004397126
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2001-12-11 00:00:00
Activity Status Date:	Not Reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not Reported

Region Code:	02
Programmatic ID:	AIR NY0000002610300220
Facility Registry ID:	110004397126
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2000-12-13 00:00:00
Activity Status Date:	Not Reported
Activity Group:	Compliance Monitoring

ECONOMY CLEANERS, 123 5TH AVE, BROOKLYN, NY 11217 (Continued)

Activity Type:	Inspection/Evaluation
Activity Status:	Not Reported
Region Code:	02
Programmatic ID:	AIR NY0000002610300220
Facility Registry ID:	110004397126
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-12-11 00:00:00
Activity Status Date:	Not Reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not Reported

NY MANIFEST:

Name:	ECONOMY CLNRS
Address:	123 5TH AVE
City,State,Zip:	BROOKLYN, NY 11217
Country:	USA
EPA ID:	NYD981085053
Facility Status:	Not Reported
Location Address 1:	123 FIFTH AVE
Code:	BP
Location Address 2:	Not Reported
Total Tanks:	Not Reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11217
Location Zip 4:	Not Reported

NY MANIFEST:

EPAID:	NYD981085053
Mailing Name:	ECONOMY CLNRS
Mailing Contact:	ECONOMY CLNRS
Mailing Address 1:	123 FIFTH AVENUE
Mailing Address 2:	Not Reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11217
Mailing Zip 4:	Not Reported
Mailing Country:	USA
Mailing Phone:	7187835386

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	04/27/2022	05/05/2022	05/31/2022
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/27/2022	05/05/2022	05/31/2022
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	04/27/2022	05/05/2022	05/31/2022
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	06/20/2022	06/21/2022	06/28/2022
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/08/2022	02/11/2022	05/10/2022
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/21/2022	02/23/2022	05/24/2022
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/21/2022	02/23/2022	05/24/2022
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/14/2022	06/15/2022	06/21/2022
State and tribal - equivalent CERCLIS						
NY	SHWS	Inactive Hazardous Waste Disposal Sites in New York State	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
State and tribal landfill / solid waste disposal						
NY	SWF/LF	Facility Register	Department of Environmental Conservation	03/29/2022	03/31/2022	06/24/2022
State and tribal leaking storage tank lists						
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/12/2021	11/15/2021	02/08/2022
NY	LTANKS	Spills Information Database	Department of Environmental Conservation	03/15/2022	03/15/2022	03/16/2022
NY	HIST LTANKS	Listing of Leaking Storage Tanks	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal registered storage tank lists						
NY	TANKS	Storage Tank Faciliy Listing	Department of Environmental Conservation	03/21/2022	03/22/2022	06/15/2022
NY	UST	Petroleum Bulk Storage (PBS) Database	Department of Environmental Conservation	03/21/2022	03/22/2022	06/15/2022
NY	CBS UST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF UST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	AST	Petroleum Bulk Storage	Department of Environmental Conservation	03/21/2022	03/22/2022	06/15/2022
NY	CBS AST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF AST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	CBS	Chemical Bulk Storage Site Listing	Department of Environmental Conservation	03/21/2022	03/22/2022	06/15/2022
NY	MOSF	Major Oil Storage Facility Site Listing	Department of Environmental Conservation	03/21/2022	03/22/2022	06/15/2022
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
State and tribal institutional control / engineering control registries						
NY	RES DECL	Restrictive Declarations Listing	NYC Department of City Planning	02/16/2022	03/16/2022	06/10/2022
NY	ENV RES DECL	Environmental Restrictive Declarations	New York City Department of City Planning	02/16/2022	03/22/2022	06/15/2022
NY	ENG CONTROLS	Registry of Engineering Controls	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
NY	INST CONTROL	Registry of Institutional Controls	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
State and tribal voluntary cleanup sites						
NY	VCP	Voluntary Cleanup Agreements	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
NY	VCP NYC	Voluntary Cleanup Program Listing NYC	New York City Office of Environmental Protect	03/07/2022	03/09/2022	06/03/2022
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
State and tribal Brownfields sites						
NY	BROWNFIELDS	Brownfields Site List	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
NY	ERP	Environmental Restoration Program Listing	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2021	01/14/2022	03/25/2022
US	ROD	Records Of Decision	EPA	04/27/2022	05/05/2022	05/31/2022
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/27/2022	05/05/2022	05/31/2022
NY	DEL SHWS	Delisted Registry Sites	Department of Environmental Conservation	02/08/2022	02/08/2022	05/06/2022
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
NY	SWTIRE	Registered Waste Tire Storage & Facility List	Department of Environmental Conservation	02/27/2018	04/06/2018	06/08/2018
NY	SWRCY	Registered Recycling Facility List	Department of Environmental Conservation	03/29/2022	03/31/2022	06/24/2022
NY	HIST UST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HIST AST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/22/2022	02/23/2022	05/10/2022
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/27/2022	05/05/2022	05/31/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/21/2022	03/21/2022	06/14/2022
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	Delisted NPL	National Priority List Deletions	EPA	04/27/2022	05/05/2022	05/31/2022
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/27/2022	05/05/2022	05/31/2022
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/21/2022	03/21/2022	06/14/2022
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/22/2022	02/23/2022	05/10/2022
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/01/2021	02/15/2022	05/10/2022
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	03/21/2022	03/22/2022	03/25/2022
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/01/2022	02/23/2022	05/24/2022
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	01/25/2022	02/03/2022	02/25/2022
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	01/19/2022	01/19/2022	04/11/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/11/2022	03/15/2022	06/14/2022
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	05/13/2022	05/18/2022	05/31/2022
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	03/02/2022	03/25/2022
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/10/2022	03/10/2022	06/14/2022
NY	AIRS	Air Emissions Data	Department of Environmental Conservation	01/31/2022	02/01/2022	02/10/2022
NY	COAL ASH	Coal Ash Disposal Site Listing	Department of Environmental Conservation	03/28/2022	03/30/2022	06/24/2022
NY	DRYCLEANERS	Registered Drycleaners	Department of Environmental Conservation	03/07/2022	03/10/2022	06/03/2022
NY	PFAS 2	New York State Inactive Landfill Initiative	Department of Environmental Conservation	10/29/2021	11/19/2021	04/26/2022
NY	E DESIGNATION	E DESIGNATION SITE LISTING	New York City Department of City Planning	03/22/2022	06/22/2022	06/28/2022
NY	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Conservation	03/29/2022	03/31/2022	06/24/2022
NY	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Conservation	06/11/2020	06/16/2020	09/02/2020
NY	HIST SPILLS	SPILLS Database	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HSWDS	Hazardous Substance Waste Disposal Site Inventory	Department of Environmental Conservation	01/01/2003	10/20/2006	11/30/2006
NY	LIENS	Spill Liens Information	Office of the State Comptroller	01/31/2022	02/01/2022	04/26/2022
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	10/29/2021	01/19/2022
NY	SPDES	State Pollutant Discharge Elimination System	Department of Environmental Conservation	03/25/2022	05/05/2022	05/18/2022
NY	SPILLS	Spills Information Database	Department of Environmental Conservation	03/15/2022	03/15/2022	03/16/2022
NY	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	11/02/2010	01/03/2013	03/07/2013
NY	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/14/2012	01/03/2013	02/12/2013
NY	UIC	Underground Injection Control Wells	Department of Environmental Conservation	02/27/2022	03/01/2022	05/27/2022
NY	VAPOR REOPENED	Vapor Intrusion Legacy Site List	Department of Environmenal Conservation	01/01/2022	02/08/2022	05/06/2022
NY	COOLING TOWERS	Registered Cooling Towers	Department of Health	01/04/2022	01/12/2022	04/01/2022
NY	NYC LEAD 2	Recent Lead Paint Violations	New York City Department of Housing Preservat	02/01/2022	02/02/2022	04/27/2022
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	04/02/2022	04/05/2022	06/28/2022
NY	NYC LEAD	Lead-based Paint Testing Results	New York City Department of Education	12/31/2021	02/04/2022	04/28/2022
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2020	01/11/2022	02/14/2022
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
NY	PFAS	PFAS Contamination Site Location Listing	Department of Environmental Conservation	01/16/2019	05/08/2019	06/24/2019
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/17/2022	02/17/2022	05/10/2022

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
NY	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Conservation		07/01/2013	12/30/2013
NY	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Conservation		07/01/2013	01/10/2014

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
NY	AST - CORTLAND	Cortland County Storage Tank Listing	Cortland County Health Department	08/20/2019	08/20/2019	10/16/2019
NY	UST - CORTLAND	Cortland County Storage Tank Listing	Cortland County Health Department	08/20/2019	08/20/2019	10/16/2019
NY	AST - NASSAU	Registered Tank Database	Nassau County Health Department	01/09/2017	01/11/2017	02/15/2017
NY	AST NCFM	Storage Tank Database	Nassau County Office of the Fire Marshal	02/15/2011	02/23/2011	03/29/2011
NY	TANKS NASSAU	Registered Tank Database in Nassau County	Nassau County Department of Health	01/09/2017	01/11/2017	02/15/2017
NY	UST - NASSAU	Registered Tank Database	Nassau County Health Department	01/09/2017	01/11/2017	02/15/2017
NY	UST NCFM	Storage Tank Database	Nassau County Office of the Fire Marshal	02/15/2011	02/23/2011	03/29/2011
NY	AST - ROCKLAND	Petroleum Bulk Storage Database	Rockland County Health Department	02/02/2017	03/17/2017	09/22/2017
NY	UST - ROCKLAND	Petroleum Bulk Storage Database	Rockland County Health Department	02/02/2017	03/17/2017	09/22/2017
NY	AST - SUFFOLK	Storage Tank Database	Suffolk County Department of Health Services	06/28/2018	12/06/2018	02/07/2019
NY	TANKS SUFFOLK	Storage Tank Database	Department of Health Services	06/28/2018	02/05/2019	03/08/2019
NY	UST - SUFFOLK	Storage Tank Database	Suffolk County Department of Health Services	06/28/2018	12/06/2018	02/07/2019
NY	AST - WESTCHESTER	Listing of Storage Tanks	Westchester County Department of Health	02/04/2022	02/04/2022	04/27/2022
NY	UST - WESTCHESTER	Listing of Storage Tanks	Westchester County Department of Health	02/04/2022	02/04/2022	04/27/2022

STREET AND ADDRESS INFORMATION

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Appendix J
User Questionnaire

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

USER QUESTIONNAIRE FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER'S RESPONSIBILITIES

To:	**From:** Evan Greenberg
Company:	**Fax:** 718-784-4085 **Phone:** 718-784-7490
Fax: **Phone:**	**Email:** Egreenberg@athenica.com
Email:	**Date:** June 3, 2022
Site Name: 601 Union Street	**Pages:** 3

Site Address: 601-621 Union Street, Brooklyn, NY 11215

As the person or entity seeking to use this report (the "User"), in order to qualify for any of the federal liability defenses available under the Comprehensive Environmental Response Compensation, and Liability Act ("CERCLA"), and as part as the ASTM E1527-05 standard, please complete this questionnaire and, if available, provide the indicated documentation.

1. **Environmental Cleanup Liens or Activity and Use Limitations**

Have you searched for the existence of environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state or local law? ☐ Yes ☐ No

Have you searched for and/or are you aware for any Activity and Use Limitations (AULs) that are in place or that have been filed or recorded in a registry? This may include engineering controls, land use restrictions, or institutional controls that are in place for the subject property. ☐ Yes ☐ No

If yes, please provide either a copy the results or their summary on a separate page.

If you have not done a title record search, do you want the Consultant to perform the search for an additional fee? If yes, please initial _____. Consultant will contact you with the applicable fee. ☐ Yes ☐ No

2. **Specialized Knowledge**

Do you have any specialized knowledge of the subject property, the conditions of adjoining properties, and any other experience relevant to the inquiry for purposes of identifying conditions indicative of releases or threatened releases at the subject property? ☐ Yes ☐ No

If yes, please provide the information summary on a separate page.

3. **Relationship of Purchase Price to Fair Market Value**

Do you believe that the purchase price reflects any contamination on the site? ☐ Yes ☐ No

If yes, on a separate page please document the information you considered, whether there is a difference in price, and if so, whether the difference in price is due to the presence of releases or threatened releases on the subject property.

4. **Commonly Known or Reasonably Ascertainable Information**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? ☐ Yes ☐ No

If yes, please include which of the following information:

(a.) Do you know the past uses of the property? ☐ Yes ☐ No

(b.) Do you know of specific chemicals that are present or once were present at the property? ☐ Yes ☐ No

(c.) Do you know of spills or other chemical releases that have taken place at the property? ☐ Yes ☐ No

(d.) Do you know of any environmental cleanups that have taken place at the property? ☐ Yes ☐ No

If yes to any of the above, please describe this commonly known or reasonably ascertainable information on a separate page.

5. **Degree of Obviousness and Ability to Detect Contamination**

In gathering information for this Environmental Site Assessment, have you encountered any obvious signs or evidence of contamination at the property? ☐ Yes ☐ No

If yes, on a separate page, describe what information you took into account regarding the degree of obviousness and ability to detect contamination.

6. **Helpful Documents**

Are you aware of any documents that may be helpful in the review and analysis of environmental conditions at the subject property (partial information may be provided); such as:

Environmental Site Assessment (Phase I or Phase II) reports; ☐ Yes ☐ No

Environmental compliance audit reports; ☐ Yes ☐ No

Environmental permits (i.e., NPDES permits, hazardous waste disposal permits, wastewater permits, etc.); ☐ Yes ☐ No

Registrations for underground and/or above-ground storage tanks;	☐ Yes ☐ No
Material Safety Data Sheets for materials stored/used at the site;	☐ Yes ☐ No
Health and Safety Plans, Preparedness and Prevention Plans, or Spill Prevention Plans;	☐ Yes ☐ No
Correspondence from any government agency relating to past or current violations of environmental laws with respect to the subject property;	☐ Yes ☐ No

If yes to any of the above, please provide either a copy of these documents or their summary on a separate page.

_____

Print Name

_____ _____ **# of separate sheets attached**: _____

Your Signature **Date** Explain Yes answers on a separate sheet.

.

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Phase II Environmental Site Assessment Report

601 – 607 Union Street
Brooklyn, NY

Prepared For:

Avdoo & Partners Development
221 West 37th Street, 5th Floor
New York, NY 10018

October 19, 2022

HydroTech Job No. 220058

Phase II Environmental Site Assessment Report

601-607 Union Street
Brooklyn, NY

October 19, 2022

HydroTech Environmental Engineering and Geology, DPC appreciates the opportunity to work for the Avdoo & Partners Development at the property located at 601-607 Union Street in Brooklyn, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HydroTech personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. Part 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,

HydroTech Environmental Engineering and Geology, DPC

X_____
Ruijie Xu
Project Manager

X_____
Mark E. Robbins, PG
Vice President

Table of Contents Page No.

1.0 Executive Summary 1
2.0 Introduction & Scope of Work 3
2.1 Introduction 3
2.2 Site Description 3
2.3 Geology & Hydrology 4
2.4 Objective & Project Goals 5
3.0 Phase II Environmental Site Assessment 6
3.1 Introduction 6
3.2 Fieldwork 6
Ground-Penetrating Radar (GPR) Survey 6
Soil Probes 6
Temporary Groundwater Monitoring Wells 7
Soil Vapor Probes 7
3.3 Laboratory Analytical 8
4.0 Analytical Results 9
4.1 Soil Results 9
4.2 Groundwater Results 10
4.3 Soil Vapor Results 11
5.0 Discussion of Results 12
5.1 Soil Quality 12
5.2 Groundwater Quality 12
5.3 Soil Vapor Quality 13
6.0 Conclusions 14
7.0 Recommendations 15
8.0 References 16
9.0 Exclusions & Disclaimers 17

Figures

1. Site Plan
2. Site Sampling Plan

Tables

1. Groundwater Monitoring Results in September 2022
2. Soil Samples Analytical Results for VOCs, SVOCs, Pesticides, PCBs, Metals, PFAs and 1,4-Dioxane
3. Groundwater Samples Analytical Results for VOCs, SVOCs, Pesticides, PCBs, Metals, PFAs and 1,4-Dioxane
4. Vapor Analytical Results for VOCs
5. NYSDOH Soil Vapor Decision Matrices

Appendices

A. Phase I ESA (Text Only)
B. Photographs
C. GPR Survey Report
D. Soil Probe Logs
E. Air Sampling Logs
F. Well Construction Log and Well Monitoring Log
G. NYSDOH Questionnaire
H. Laboratory Reports

1.0 EXECUTIVE SUMMARY

HydroTech Environmental Engineering and Geology, DPC (HydroTech) has performed a Phase II Environmental Site Assessment (Phase II ESA) at the property located at 601-607 Union Street (Block 434, Lots 1 and 12), in the Gowanus section of Brooklyn, New York. This Phase II ESA was conducted on behalf of Avdoo & Partners Development based upon the recent July 2022 Phase I ESA findings prepared by Athenica Environmental Services, Inc. (Athenica).

This Phase II ESA consisted of Ground-Penetrating Radar (GPR) survey, the installing and sampling of series of soil, groundwater and soil vapor/sub-slab probes. A Hydro Tech geologist screened all soil samples in the field for organic vapors utilizing a Photoionization Detector. Selected soil and groundwater samples were analyzed at a State-certified laboratory for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PCBs. Part of the soil samples and all the groundwater samples were also analyzed for PFAs and 1,4-Dioxane. Soil vapor and sub-slab vapor samples were analyzed for VOCs.

The results of the Phase II ESA are contained in this report.

- No visual evidence of any petroleum free product or the sheen was identified beneath the property.
- Petroleum related VOCs were found most abundant in deep soil between 8-12 feet from the vicinity of the oil/water separator in the mid-northern portion of the building, which might be indicative of impact of leakage from the associated sub-grade equipment. No notable levels of chlorinated VOCs were observed in the soil.
- Petroleum-range and chlorinated VOCs were detected in groundwater marginally exceeding their respective regulatory standards but none of the exceedances should be indicative of spills or significant impact from historic and/or current use of the Site for auto repair.
- Groundwater is present between 12.3 feet to 13.75 feet underneath the property. Groundwater flow direction was not determined in this investigation but is assumed to be west-southwest towards the Gowanus Canal based upon the investigation performed in the western adjacent Site across Third Avenue.
- Several SVOCs including PAHs and metals were detected in shallow and deep soil at concentrations exceeding Unrestricted Use Soil Cleanup Objectives. Part of the detected PAHs and metals including arsenic, barium, lead, zinc and mercury also exceeded their respective Restricted Use Soil Cleanup Objectives for Restricted Residential and Commercial. The presence of the PAHs and the metals is likely attributed to the presence of urban fill material beneath the Site, which is consistent with the soil screening results and its historic and current use. The presence of the SVOCs and metals is not indicative of any adverse impact.

- One emerging contaminant, PFOA, was in soil beneath the southern portion of the Site at a concentration exceeding its NYSDEC Guidance Value for Unrestricted Use.
- SVOCs and dissolved metals were identified in the groundwater beneath the Site, which are likely attributed to regional groundwater quality or associated with the urban fill.
- Emerging contaminants including 1,4-dioxane PFOS and PFOA were identified in groundwater beneath the Site at concentrations exceeding their respective NYSDEC Guidance Value.
- No significant concentrations of petroleum-range VOCs were identified in soil vapor or sub slab vapor. Chlorinated solvents such as PCE and TCE were identified in soil vapor and sub slab vapor at concentrations requiring mitigation as per the NYSDOH Decision Matrix. Considering their absence and/or presence only at trace levels in the soils, the soil vapor impact from chlorinated-range VOCs is likely attributed to an off-site source.

No effort has been made to perform any investigation beyond what is included in this report. The observations included herein summarize the results of the environmental activities up to the date of the fieldwork and the date of this report.

The following sections provide the details and specific information pertaining to the various components of the Phase II ESA.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

HydroTech Environmental Engineering and Geology, DPC has been retained by Avdoo & Partners Development (the "Client") to perform a Phase II Environmental Site Assessment (Phase II ESA) of the property located to 601-607 Union Street in the Gowanus section of Brooklyn, New York. This property will hereafter be referred to as the "Site".

2.2 Site Description

The Subject Property is identified as NY Tax Block 434; Lot 1 and 12 and located at 601-607 Union Street, Brooklyn, NY with a total area of 37,553 square feet (SF). Specifically, Lot 1 is 21,055 SF in area and is currently fully developed with a 1-story building with a partial cellar (appr. 500 SF) in the northeast portion. The cellar is approximately 9 feet below grade.

The building is operated as warehouse/office for a petroleum trucking and management company, including on-Site truck repair and maintenance. A mezzanine level is also maintained in the northeastern portion and utilized as office space. The slab-on-grade portion of the building is fully covered with concrete slab. An oil/water separator is in the north central portion of the building and is in line with the sewer connection. A 6-foot by 6-foot steel cover is located atop the separator. The interior of the separator was unable to be accessed. A steel vent pipe is located through the roof along the northern wall of the building, and is likely associated with the separator.

The partial cellar is mostly covered with concrete slab with a small area excluded, which was exposed due to historic tank removal or other limited soil intrusive work as per the client. One 3,000-gallon aboveground storage tank (AST) enclosed in concrete and one 550-gallon #2 AST with no enclosure were observed in the northwestern corner of the cellar. Both tanks are filled with #2 fuel oil. Light stains were observed in the concrete floor in the direct vicinity of the tank. The previous Phase I by Athenica in July 2022 indicated that there was another 550-gallon AST observed in the cellar, which was removed prior to this investigation. In addition, the previous Phase I indicated there were four 275-gallon AST for waste oil were observed on the first floor of the building (three in the northern portion and one in the central portion). None of these small-capacity tanks were observed during this investigation.

Lot 12 is utilized as open parking and storage yard with an asphalt cover.

Access to the building is located along Sackett Street to the north, Third Avenue to the west and Union Street to the south. Access to the parking lot is located along Sackett Street to the north and Union Street to the south.

The vicinity of the Site consists of industrial/manufacturing/residential properties. The topography of the area in the vicinity of the Site slightly slopes downward to the west, towards the Gowanus Canal. **Figure 1** provides a Site Plan.

2.3 Geology & Hydrology

The Site is located in eastern side of Third Avenue between Sackett Street and Union Street, New York. The elevation of the Subject Property is approximately 18 feet above mean sea level (USGS 7.5- Brooklyn, New York Quadrangle, 2013).

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock.

The thickness of these deposits ranges from approximately 100 feet on the Island's north shore to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poor to moderately permeable in most areas. Outwash plains are located to the south of the moraines. The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from moderate to highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member ranges in depth from 200 to 800 feet below sea level and increases in thickness to the southeast. The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

According to the investigation, groundwater was encountered from 12.30 to 13.75 feet below ground surface (bgs). According to the investigation performed at 585 Union

Street (BCP Site #C224329) located on the west side of Third Avenue between Sackett Street and Union Street and less than 100 feet from the Subject Property, groundwater flow direction is toward the west-southwest, in the direction of Gowanus Canal.

2.4 Objective & Project Goals

The objective of this Phase II ESA was to address the Recognized Environmental Conditions (RECs) identified in the July 2022 Phase I ESA prepared by Athenica and specifically include the following:

- The historic and current use as industrial, manufacturing, auto repair and fuel oil storage/handling uses of the Site at the Subject Property;
- The historic and/or current industrial, automotive service, and gasoline station uses of the surrounding properties;
- Open spill #2009932 was reported on March 9, 2021, approximately 50 feet to the west at 585 Union Street. Investigation identified contamination in soil and groundwater;
- Open spill #9605719 was reported on August 2, 1996, approximately 315 feet to the east at 204-222 4th Avenue. Investigations identified contamination in soil vapor and groundwater; and
- The Potential Vapor Encroachment Condition (PVEC) from on-Site operations and off-Site properties with documented releases to soil vapor and groundwater.

The intent of this Phase II was to determine if the above RECs have impacted the environmental quality of the Site.

Appendix A provides the text portion of the Phase I ESA.

All related portions of the fieldwork were performed, at a minimum, in accordance with acceptable industry standards. These acceptable industry standards include, but are not limited to, the ASTM Standard Guide for Phase II Environmental Site Assessments (E 1903-11), the New York State Department of Environmental Conservation (NYSDEC) Bureau of Spill Prevention & Response Sampling Guidelines and Protocols, March 1991 and the DER-10 Technical Guidance for Site Investigation and Remediation, May 2010.

3.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

3.1 Introduction

The investigation was accomplished through the performance of the Ground-Penetrating Radar (GPR) survey, the installation and sampling of seventeen (17) soil probes, eight (8) temporary groundwater monitoring wells, two (2) soil vapor probes and six (6) sub-slab vapor probes. HydroTech performed the fieldwork on September 7 through 9, 2022 and the drilling was performed by Coastal Environmental Solutions, Inc.

Prior to the performance of the fieldwork, a New York City One-Call Public Utility mark-out was requested. Confirmation number 222410278 was issued to the mark-out.

Appendix B contains photographs of the fieldwork.

3.2 Fieldwork

Ground-Penetrating Radar (GPR) Survey

The GPR survey was performed to determine if any anomalies, including underground storage tanks (USTs), are present at the Site and to clear all sampling locations of any potential subsurface obstructions.

The GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed on the Control Unit, which are then interpreted by the GPR operator at the time of the survey. Additional interpretations are then conducted in the office using computer software.

An oil/water separator is identified in the mid-portion of the building. No other anomalies indicative of USTs or any other subsurface structures were identified during the GPR survey. The survey also cleared all sampling locations of subsurface obstructions. A copy of the GPR report is included as **Appendix C**.

Soil Probes

The soil probes were designated as SP-1 through SP-17 were installed during the investigation. Prior **Figure 1** provide the location the of the soil probes. The soil probes were installed to the water table, which was generally encountered at 12 feet below grade and 3 feet below the cellar slab.

The soil probes were installed utilizing direct-push technology. Soil samples were collected at 2-foot intervals utilizing a five-foot long Macro core sampler fitted with dedicated acetate liners. Each sampler was installed with 1½-inch diameter drill rods.

A HydroTech geologist performed infield characterization and screening of each soil sample utilizing the Unified Soil Classification System and a Photo Ionization Detector (PID). The general soil type identified consists of a layer of black silty sand with pebbles and crushed concrete or asphalt pieces from surface down to 2-6 feet, and was then underlain by brown and black silty sand with or without rocks and pebbles.

An organic vapor reading of 428.1 parts per million (ppm) was detected in the 8 to 10 foot sample from SP-10 and 465.1 ppm was detected in the 10 to 12 foot sample from SP-11. No significant organic vapor readings were noted in the remaining soil samples. **Appendix D** provides soil probe logs.

Based upon the in-field screening results, one (1) soil sample was selected from each soil probe for confirmatory analysis. These samples include the 8-10 foot samples from SP-1, SP-2, SP-10, SP-16, the 10-12 foot samples from SP-3, SP-12, SP-13, the 4-6 foot samples from SP-4, SP-17, the 6-8 foot samples from SP-5, SP-14, SP-15, the 2-4 foot sample from SP-6, the zero to 2 foot sample from SP-7 and the 1-3 foot samples from SP-8 and SP-9.

Temporary Groundwater Monitoring Wells

Temporary groundwater monitoring wells MW-1 through MW-8 were installed during the investigation. Prior **Figure 1** provides the locations of the temporary groundwater monitoring wells.

All groundwater probes were installed utilizing direct-push technology. Temporary monitoring wells in the open yard (MW-1 through MW-3) and in the slab-on-grade (MW-6 through MW-8) consisted of a 15-foot screen with a slot size of 0.020 inches and solid riser varied between 5 to 6 feet long. Temporary monitoring well installed in the cellar level (MW-4 and MW-5) had a 5-foot screen. A copy of well construction logs is included in **Appendix E**.

Prior to collection of groundwater samples, depth to groundwater was measured with oil/water interface probe, which ranges between 12.30 to 13.75 feet bgs. No free product was noted in any temporary well. A table summarizing the measured depth to water is included as **Table 1**. A copy of the well monitoring log is included in **Appendix E**.

Groundwater samples were obtained utilizing an inertial pump consisting of a stainless-steel check valve and ball. The inertial pump was fitted with dedicated polyethylene tubing, which allowed the groundwater to be brought up to the ground surface for collection. Each groundwater sample was then placed into three (3) pre-cleaned bottleware including ambers, plastic bottles (with and without preservation) and vials (with preservation) and appropriately labeled.

Soil Vapor Probes

Two (2) soil-vapor probes designated as SV-1 and SV-2 were converted from SP-2 and SP-4 after the soil sampling. Six (6) sub-slab vapor probes, designated SSB-1 through SSB-6 were installed inside the building. Prior **Figure 1** provides the location of soil-vapor and sub-slab vapor probes. The soil vapor probes were installed utilizing direct-push technology. The sub-slab vapor probes were installed with hand drill.

The soil-vapor probes and sub-slab vapor probes were constructed in accordance with the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Each vapor probe consists of a stainless-steel screen or implant fitted with inert tubing (e.g., polyethylene) of ¼-inch diameter and of laboratory quality to the surface. The soil-vapor probes were installed in the subsurface soil at a depth of approximate 10 feet bgs. The sub-slab vapor probe was installed at a depth of 3 inches below the basement slab. Each soil-vapor and sub-slab vapor probe was then sealed above the sampling zone with bentonite slurry to prevent outdoor air infiltration. The soil-vapor and sub-slab vapor probes were finished at grade with a concrete seal.

A soil vapor sample from each soil and sub-slab vapor probes was collected utilizing a 6-liter pre-cleaned, passivated, evacuated whole air Summa® Canister. A 60-cm^3 plastic syringe was used to purge approximately 1 to 3 implant volumes (i.e. the volume of the sample probe and tube) prior to collecting the soil vapor samples. The sampling canister was then connected to a flow control valve set to collect the 6-L sample over a period of 2 hours at a rate of less than 0.05 liter per minute. **Appendix E** provides a copy of the soil-vapor sampling log.

In order to ensure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas (Helium) was applied to enrich the atmosphere in the immediate vicinity of the sampling location. A portable monitoring device MGD-2002 Helium-Hydrogen Lead Detector; Model 83-219, was utilized to analyze a real time sample of soil vapor from the soil vapor sampling point for the tracer prior to purging and after sampling. Plastic sheeting was also used to keep the tracer gas in contact with the soil vapor point during the sampling. No Helium (<0.01 ug/m^3) was detected with the Helium-Hydrogen Lead Detector prior or after sampling.

3.3 Laboratory Analytical

All soil samples were transmitted under proper chain of custody procedures to a State-certified laboratory. The soil and groundwater samples were analyzed for volatile organic compounds (VOCs) in accordance with EPA 8260, semi-volatile compounds (SVOCs) in accordance with EPA 8270, Target Analyte List metals, Pesticides/PCBs in accordance with EPA 8081/8082. Four of the soil samples and all groundwater samples were also analyzed for PFAs via EPA 537 Isotope Dilution and for 1,4-Dioxane via EPA 8270 SIM. The vapor samples were analyzed for VOCs via EPA Method TO-15. Laboratory reports are provided as **Appendix G**.

4.0 ANALYTICAL RESULTS

4.1 Soil Results

Table 2 provides the analytical results for all soil samples. The tables also provide a comparison to the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Soil Cleanup Objectives for Restricted Residential (RRSCOs) and for Commercial Use (RCSCOs) from 6 NYCRR Part 375 for the results of VOCs, SVOCs, Pesticides, PCBs and metals. The concentrations reported in **Table 2** for VOCs, SVOCs, Pesticides, PCBs, Metals and 1,4-dioxane are in milligrams per kilogram (mg/kg). The detected concentrations of 1,4-dioxane and PFAs were compared to NYSDEC Guidance Value for Unrestricted Use and Residential Use. The concentrations reported in **Table 2** for PFAs are in microgram per kilogram (ug/kg).

As **Table 2** indicates, total VOCs ranges from 0.014 mg/kg in SP-14 (6-8) to 104.33 mg/kg in SP-11 (10-12). Acetone was detected in SP-15 (6-8) at a concentration of 0.057 mg/kg exceeding its respective UUSCO but below RRSCO. Chlorinated VOCs including 1,4-dichlorobenzene (3.4 mg/kg) in SP-11 (10-12) and methylene chloride (max. 5.1 mg/kg) in SP-1 (8-10), SP-2 (8-10) and SP-6 (2-4) were detected at concentrations exceeding their respective UUSCOs but below RRSCOs. Petroleum VOC and its derivatives such as 1,2,4-trimethylbenzene (3.7 mg/kg), n-butylbenzene (25 mg/kg), n-propylbenzene (max. 29 mg/kg), sec-butylbenzene (22 mg/kg) and total xylene (1.1 mg/kg) in SP-10 (8-10) and SP-11 (10-12) were detected at concentrations exceeding their respective UUSCOs but below RRSCOs. No other VOCs were detected in any of the soil samples at concentrations exceeding UUSCOs.

Various SVOCs, categorized as Polycyclic Aromatic Hydrocarbons (PAHs) including acenaphthene (23.8 mg/kg), benzo(a)anthracene (max. 40.5 mg/kg), benzo(a)pyrene (max. 54.8 mg/kg), benzo(b)fluoranthene (max. 21 mg/kg), benzo(k)fluoranthene (max. 28.2 mg/kg), chrysene (max. 43 mg/kg), dibenzo(a,h)anthracene (max. 4.41 mg/kg), fluoranthene (107 mg/kg), indeno(1,2,3-cd)pyrene (max. 24.9 mg/kg) and pyrene (183 mg/kg) were detected in SP-1 (8-10), SP-2 (8-10), SP-4 (4-6), SP-6 (2-4), SP-9 (1-3), SP-12 (10-12), SP-14 (6-8), SP-15 (6-8) and SP-16 (8-10) were detected at concentrations exceeding their respective UUSCOs. Except acenaphthylene, all the forementioned PAHs were also detected in most of the samples exceeding their respective RRSCOs and/or RCSCOs. No other SVOCs were detected in any of the soil samples at concentrations exceeding UUSCOs. Concentrations of total SVOCs ranges from no detection in SP-5 (6-8) to 671.98 mg/kg in SP-15 (6-8).

Metals including arsenic (max. 106 mg/kg), barium (max. 4,910 mg/kg), copper (max. 181 mg/kg), lead (max. 2,400 mg/kg), nickel (max. 451 mg/kg), silver (max. 7.08 mg/kg), zinc (max. 2,980 mg/kg), mercury (max. 47.1 mg/kg) and chromium, trivalent (max. 109 mg/kg) were detected individually or collectively in all samples at concentrations exceeding their respective UUSCOs. Among the forementioned metals, the concentrations of lead in SP-4 (4-6), SP-9 (1-3), SP-11 (10-12), SP-12 (10-12) and SP-14 (6-8) and mercury in SP-7 (0-2), SP-11 (10-12), SP-13 (10-12) and SP-14 (6-8) also exceed their respective RRSCOs; and the concentrations of arsenic in SP-3 (10-12), SP-7 (0-2), SP-9 (1-3), SP-12 (10-12) and SP-13 (10-12), barium in SP-6 (2-4), SP-7 (0-2), SP-9 (1-3) and SP-

12 (10-12), lead in SP-3 (10-12), SP-6 (2-4), SP-7 (0-2), SP-10 (8-10), nickel in SP-9 (1-3), zinc in SP-6 (2-4) mercury in SP-1 (8-10), SP-4 (4-6), SP-9 (1-3), SP-10 (8-10), SP-12 (10-12), SP-16 (8-10) and SP-17 (4-6) also exceed their respective RCSCOs. No other metals were detected at concentrations exceeding their respective regulatory standards.

PFAs including Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluoro-n-butanoic acid (PFBA) and Perfluorooctanoic acid (PFOA) were detected in SP-4 (4-6), SP-6 (2-4), SP-8 (1-3), SP-12 (10-12) and SP-13 (10-12). Among the detected compounds, PFOA in SP-4 (4-6) was found at a concentration of 1.62 ug/kg exceeding its respective NYSDEC Guidance Value for Unrestricted Use.

No pesticides, PCBs or 1,4-dioxane were detected in soil samples.

4.2 Groundwater Results

Table 3 provide the analytical results for all groundwater samples. **Table 3** also provides a comparison to the 6 NYCRR Part 703.5 Class Groundwater Quality Standards (GQS) for the results of VOCs, SVOCs, Pesticides, PCBs and metals. The results for 1,4-dioxane and PFAs were compared to NYSDEC Guidance Value. The concentrations reported in **Table 3** are in micrograms per liter (ug/L).

As **Table 3** indicates, benzene was detected in MW-7 at a concentration of 6.21 ug/L, which exceeds its GQS. No other VOCs were detected in any of the groundwater samples at concentrations exceeding their respective GQS.

SVOCs including benzo(a)anthracene (max. 0.36 ug/L), benzo(a)pyrene (max. 0.19 ug/L), benzo(b)fluoranthene (max. 0.16 ug/L), benzo(k)fluoranthene (max. 0.17 ug/L), chrysene (max. 0.37 ug/L) and indeno(1,2,3-cd) pyrene (max. 0.1 ug/L) were detected MW-2 through MW-4, MW-7 and MW-8 at concentrations exceeding their respective GQS. No other SVOCs were detected in any of the groundwater samples at concentrations exceeding their respective GQS.

One pesticide, 4,4'-DDD, was detected in MW-1 at a concentration less than its GQS. No other pesticides or PCBs were detected in any samples.

Various metals detected in groundwater samples. Among the detected metals, concentrations of dissolved metals including barium (max. 3,170 ug/L), chromium (max. 339 ug/L), copper (213 ug/L), lead (max. 9,230 ug/L), magnesium (max. 146,000 ug/L), manganese (max. 12,100 ug/L), nickel (max. 1,990 ug/L), sodium (max. 938,000 ug/L), zinc (max. 11,700 ug/L), antimony (max. 11.3 ug/L) and beryllium (max. 136 ug/L) exceeded their respective GQS in part of or all samples.

The compound 1,4-Dioxane was detected in MW-6 at a concentration of 1.54 ug/L, which exceeds its NYSDEC Guidance Value.

Several PFAs were detected in all groundwater samples including 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS), Perfluorobutanesulfonic acid (PFBS), Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluoro-n-butanoic acid (PFBA), Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid

(PFOA) and Perfluoropentanoic acid (PFPeA). The concentrations of PFOS (max. 0.042 ug/L) in both MW-5 and MW-7 and PFOA (max. 0.070 ug/L) in all groundwater samples with the exception of MW-8 are present at concentrations exceeding their respective NYSDEC Guidance Value.

4.3 Soil Vapor Results

Table 4 provides the TO-15 results for the soil vapor samples from SV-1 and SV-2 and sub-slab vapor samples including SSB-1 through SSB-6. The concentrations reported in **Table 4** are in micrograms per cubic meter (ug/m^3). The vapor results were compared to the NYSDOH Soil Vapor/Indoor Air Matrix as shown in **Table 5**.

As **Table 4** indicates total VOC concentrations range from 109.7 ug/m^3 in SSB-4 to 2,141.7 ug/m^3 in SSB-6.

Chlorinated VOCs including 1,1-dichloroethane (3.9 ug/m^3), chloroethane (0.44 ug/m^3), chloroform (max. 4.2 ug/m^3), chloromethane (max. 2.3 ug/m^3), cis-1,2-dichloroethylene (max. 7.2 ug/m^3), dichlorodifluoromethane (max. 2.1 ug/m^3), methylene chloride (max. 5.2 ug/m^3), tetrachloroethylene (PCE) (max. 550 ug/m^3), trans-1,2-dichloroethylene (2.2 ug/m^3), trichloroethylene (TCE) (max. 240 ug/m^3) and trichlorofluoromethane (freon 11) (max. 1.2 ug/m^3) were detected individually or collectively in all vapor samples.

According to NYSDOH Soil Vapor/Indoor Air Matrix, the concentrations of cis-1,2-dichloroethene and TCE in SSB-1 and PCE in SSB-3 might either require no further action or require monitoring/mitigation in these locations. The concentrations of TCE (240 ug/m^3) and PCE in SSB-2 (550 ug/m^3) will require mitigation based upon the matrix.

Petroleum related VOCs including BTEX compounds (benzene, toluene, ethyl benzene and xylenes) and their derivatives were commonly detected in all vapor samples. The total concentration of BTEX compounds range from 13 ug/m^3 in SV-1 to 152.1 ug/m^3 in SSB-3.

5.0 DISCUSSION OF RESULTS

5.1 Soil Quality

Acetone was detected in one sample exceeding its respective UUSCOs, which is considered a commonly known laboratory contaminant and should not raise any concern. Trace to low levels of petroleum-range and chlorinated VOCs were detected in shallow and deep soil from several locations exceeding their respective UUSCOs. The exceedances is mostly abundant in the vicinity of the oil/water separator as evidenced by the analytical results of samples from the SP-10 and SP-11 and is consistent with the soil screening results with a maximum PID reading of 465.1 ppm. Therefore, these exceedances might be indicative of petroleum related impact of leakage from the associated sub-grade equipment.

Several SVOCs including the PAHs were detected at concentrations exceeding its respective UUSCOs. The presence of PAHs is typically associated with the presence of urban fill material beneath the Site, which is consistent with the soil screening results.

Metals were detected at low to elevated levels exceeding their respective UUSCOs and/or RRSCOs. Several locations might be considered hotspots for metals as the detected levels are exceeding their respective RCSCOs. Among the RCSCO exceedances, it should be noted that lead was found in shallow soil from SP-6 and in deep soil from SP-3, SP-7 and SP-10 at concentrations above 1,000 mg/kg and mercury was found in deep soil from SP-9, SP-12 and SP-16 at concentrations above 10 mg/kg. Arsenic and barium were also observed in the forementioned SP-6, SP-7 and SP-9 significantly exceeding their respective RCSCOs. These locations are mostly situated in the northern portion of the open yard and the building and also southern portion of the open yard. This presence of metals is indicative of the presence of urban fill material beneath the Site.

Several PFAs compounds were detected in the collected soil samples and PFOA was detected in one sample "SP-4 (4-6)" at a concentration exceeding its respective NYSDEC Guidance Value for Unrestricted Use.

No pesticides, PCBs or 1,4-dioxane were detected in collected samples.

5.2 Groundwater Quality

Groundwater was encountered at approximately between 12.3 feet to 13.75 feet bgs. No evidence of free product was identified on the groundwater.

Benzene was detected in groundwater beneath the southern portion of the Site at a concentration only slightly exceeding its GQS. However, since benzene was not identified in soil at the Site, its presence does not represent a significant impact. Trace to low levels of VOCs were detected in the groundwater collected from the vicinity of the oil/water separator, but none of the detected compounds exceeded their respective regulatory standards and the overall VOCs levels was observed considerably low.

Several SVOCs were identified in groundwater beneath the entire Site at concentrations exceeding their respective GQS. The SVOC noted in soil at concentrations exceeding regulatory standards were associated to the urban fill present beneath the site and the SVOCs in groundwater are likely attributed to regional groundwater quality rather than an on-site release.

Dissolved metals were identified in the groundwater across the site, which might be either attributed to regional groundwater quality or associated with the urban fill present beneath the site considering the depth to water at the Site.

The compound 1,4-Dioxane was detected in one temporary well, MW-6 exceeding its respective NSYDEC Guidance Value. PFOS and PFOA were detected in most of the locations except MW-8 at concentrations exceeding their respective NYSDEC Guidance Value.

No pesticides or PCBs were detected in any locations exceeding their respective regulatory standards.

5.3 Soil Vapor Quality

Petroleum range and chlorinated VOCs were detected beneath the property as evidenced by the analytical results of all vapor samples.

No significant impact were found in the open parking and storage yard based upon the analytical results of SV-1 and SV-2.

Chlorinated VOCs including TCE and PCE were found most abundant in SSB-2 at levels exceeding their respective mitigation level established by NYSDOH. Moderate levels of these compounds and derivative compound (cis-1,2-dichloroethylene) were also found in sub-slab samples (SSB-1 and SSB-3) at grade level with a decreasing trend toward the south. The detected levels at these two locations might either trigger no further action or require monitoring/mitigation.

Given the fact that there is no evidence of significant contamination related to the chlorinated solvents in any of the soil or groundwater samples, the presence of these chlorinated compounds may be related to soil vapor intrusion from an off-site source.

6.0 CONCLUSIONS

Based upon the findings of the investigation, the following conclusions are provided:

- No visual evidence of any petroleum free product or the sheen was identified beneath the property.
- Petroleum related VOCs were found most abundant in deep soil between 8-12 feet from the vicinity of the oil/water separator in the mid-northern portion of the building, which might be indicative of impact of leakage from the associated sub-grade equipment. No notable levels of chlorinated VOCs were observed in the soil.
- Petroleum-range and chlorinated VOCs were detected in groundwater marginally exceeding their respective regulatory standards but none of the exceedances should be indicative of spills or significant impact from historic and/or current use of the Site for auto repair.
- Groundwater is present between 12.3 feet to 13.75 feet underneath the property. Groundwater flow direction was not determined in this investigation but is assumed to be west-southwest towards the Gowanus Canal based upon the investigation performed in the western adjacent Site across Third Avenue.
- Several SVOCs including PAHs and metals were detected in shallow and deep soil at concentrations exceeding Unrestricted Use Soil Cleanup Objectives. Part of the detected PAHs and metals including arsenic, barium, lead, zinc and mercury also exceeded their respective Restricted Use Soil Cleanup Objectives for Restricted Residential and Commercial. The presence of the PAHs and the metals is likely attributed to the presence of urban fill material beneath the Site, which is consistent with the soil screening results and its historic and current use. The presence of the SVOCs and metals is not indicative of any adverse impact.
- One emerging contaminant, PFOA, was in soil beneath the southern portion of the Site at a concentration exceeding its NYSDEC Guidance Value for Unrestricted Use.
- SVOCs and dissolved metals were identified in the groundwater beneath the Site, which are likely attributed to regional groundwater quality or associated with the urban fill.
- Emerging contaminants including 1,4-dioxane PFOS and PFOA were identified in groundwater beneath the Site at concentrations exceeding their respective NYSDEC Guidance Value.
- No significant concentrations of petroleum-range VOCs were identified in soil vapor or sub slab vapor. Chlorinated solvents such as PCE and TCE were identified in soil vapor and sub slab vapor at concentrations requiring mitigation as per the NYSDOH Decision Matrix. Considering their absence and/or presence only at trace levels in the soils, the soil vapor impact from chlorinated-range VOCs is likely attributed to an off-site source.

7.0 RECOMMENDATIONS

Based upon the conclusions put forth in this report, following recommendation is provided:

- Any soil that is excavated and bound for offsite disposal, should be characterized, transported and disposed at permitted facilities.
- For any future development at the site, the impact of soil vapor should be mitigated via engineering controls.

8.0 REFERENCES

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9.0 EXCLUSIONS & DISCLAIMERS

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, HydroTech Environmental Engineering and Geology, DPC may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to HydroTech Environmental Engineering and Geology, DPC.at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, HydroTech Environmental Engineering and Geology, DPC did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the Subject Property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, HydroTech Environmental Engineering and Geology, DPC renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non-hazardous or hazardous material, in that portion of the subject property or structure. In addition, HydroTech Environmental Engineering and Geology, DPC renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

HydroTech Environmental Engineering and Geology, DPC did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory has conducted such analyses, HydroTech Environmental Engineering and Geology, DPC

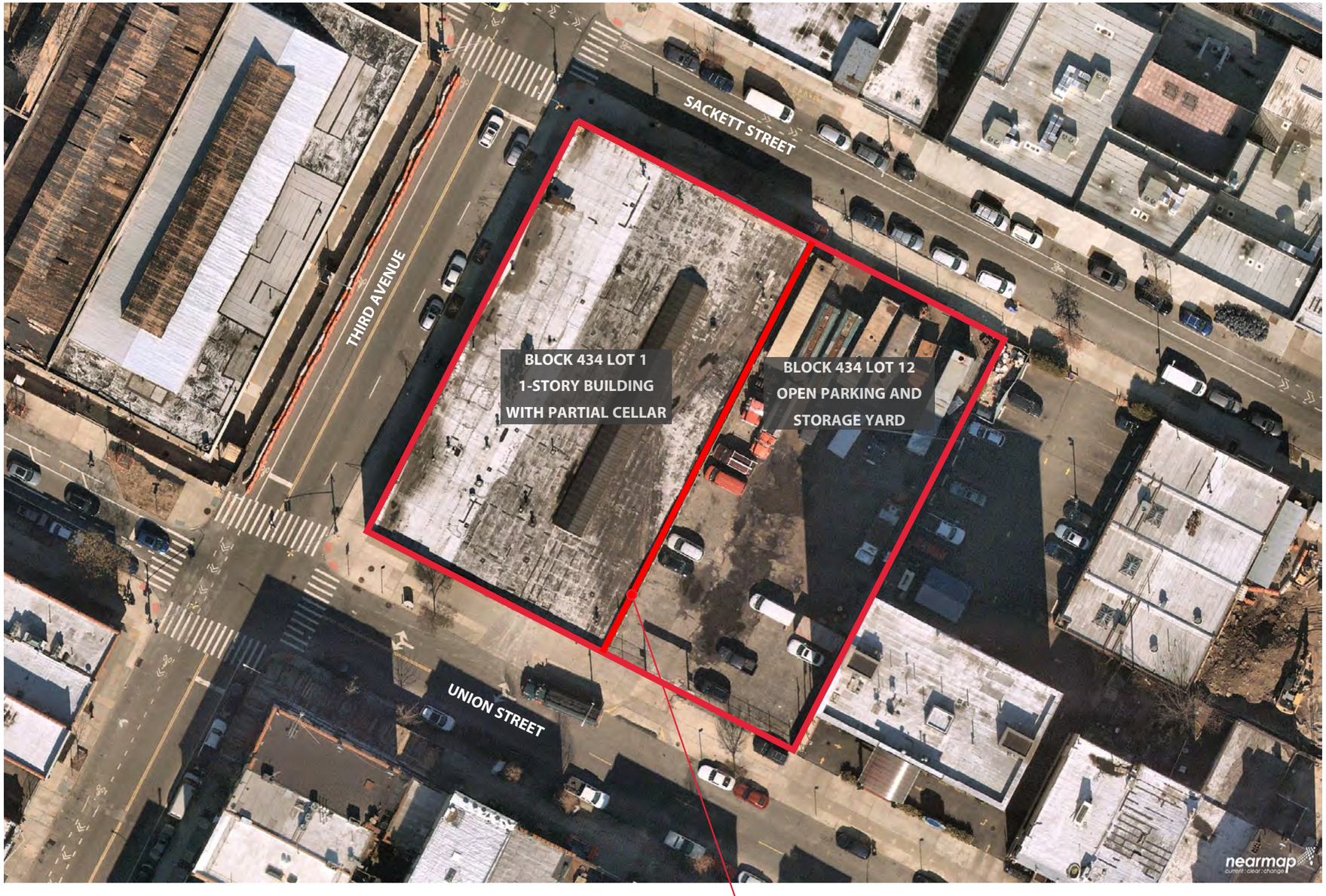
has relied upon the data provided and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study might be present in soil and/or groundwater at the subject property.

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. HydroTech Environmental Engineering and Geology, DPC does not accept responsibility for survey limitations due to inherent technological limitations or site-specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

Figures



SUBJECT PROPERTY

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BASE DRAWING TAKEN FROM

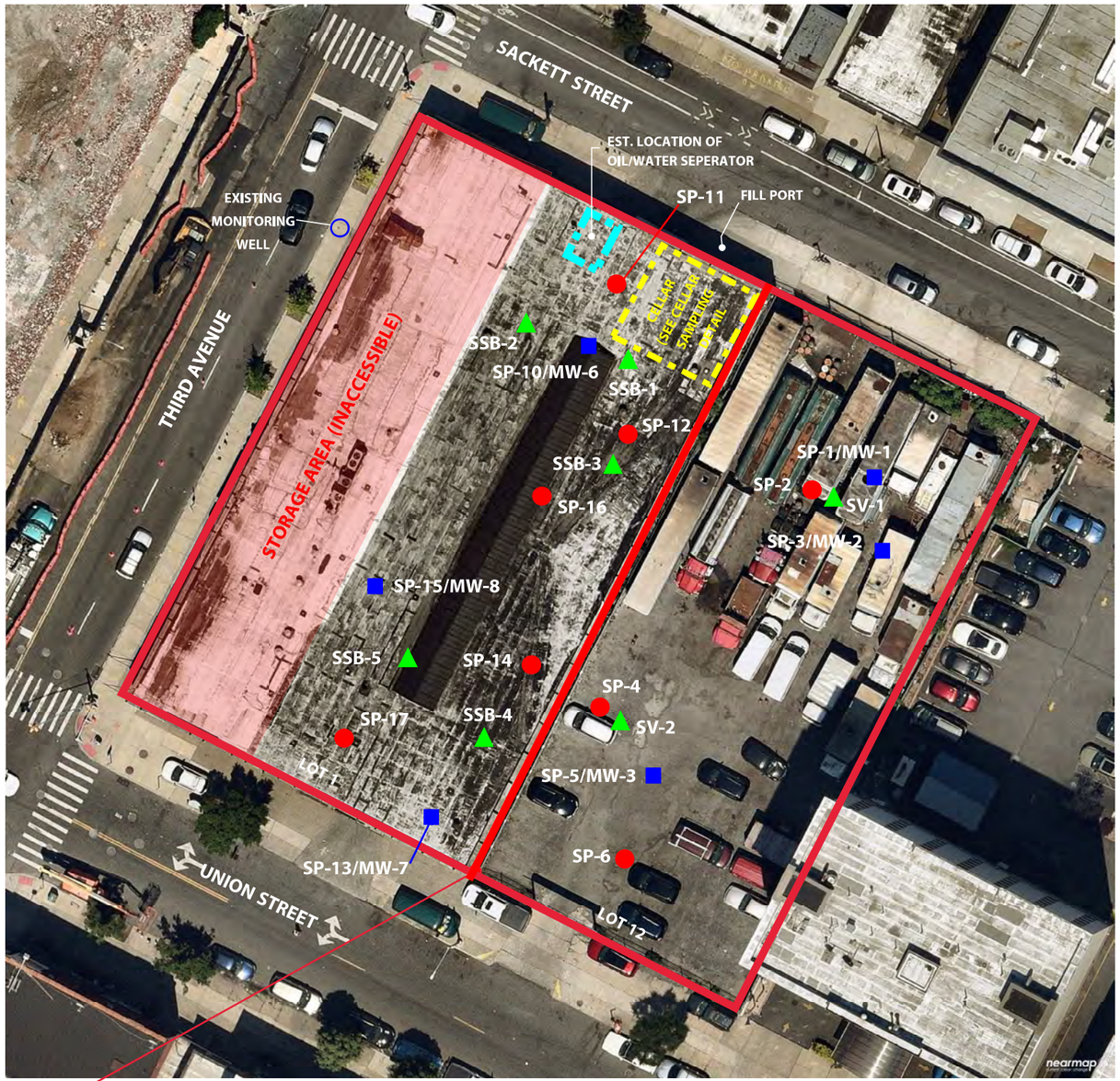
PROJECT NAME AND ADDRESS

601 UNION STREET,
BROOKLYN, NY

PROJECT FIGURE

FIGURE 1– SITE PLAN

PROJECT NO. 220058	DATE 10/3/2022
DRAWN BY R.A.	REVIEWED BY A.Z.
SCALE (11X17) NOT TO SCALE	APPROVED BY P.M.



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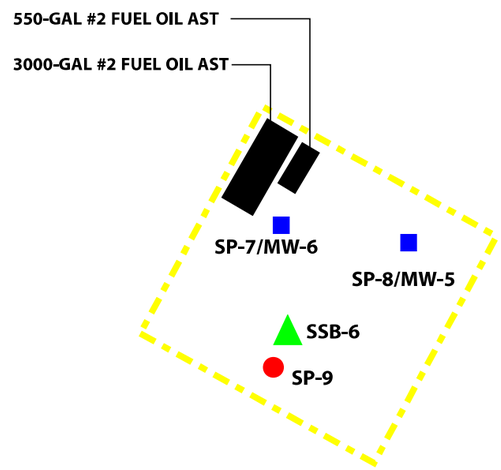

CELLAR SAMPLING DETAIL

N

LEGEND:

- LOCATION OF SOIL PROBES (SP-)
- LOCATION OF SOIL PROBES/TEMPORARY MONITORING WELLS (SP-/MW-)
- LOCATION OF SOIL VAPOR PROBES (SV-) OR SUB0-SLAB VAPOR PROBES (SSB-)
- LOCATION OF EXISTING MONITORING WELL INSTALLED BY OTHERS

NOTE:

CELLAR SHAPE IS ESTIMATED AND NOT TO SCALE.

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BROOKLYN, NY

PROJECT FIGURE

FIGURE 2 – SAMPLING PLAN

PROJECT NO.	DATE
220058	10/3/2022
DRAWN BY R.A.	REVIEWED BY A.Z.
SCALE (11X17) NOT TO SCALE	APPROVED BY P.M.

Tables

Table 1

Groundwater Monitoring Results in September 2022

601-607 Union Street, Brooklyn

Well ID	Depth to Product	Depth to Water (ft)
MW-1	ND	13.50
MW-2	ND	13.20
MW-3	ND	13.30
MW-4	ND	4.70
MW-5	ND	4.64
MW-6	ND	13.75
MW-7	ND	12.30
MW-8	ND	12.73

Note:

ND=Not detected

Table 2
Soil Samples Analytical Results for VOCs
601-607 Union Street, Brooklyn

Sample Identification	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Part 375 Restricted Use Soil Cleanup Objectives - Commercial
Sample Date	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022				
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result				
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,1,1-Trichloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.68	100	500
1,1,2,2-Tetrachloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,1,2-Trichloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,1-Dichloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.27	26	240
1,1-Dichloroethylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.33	100	500
1,2,3-Trichlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,2,3-Trichloropropane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,2,4-Trichlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,2,4-Trimethylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**3.70**	**D**	**0.30**	**JD**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	3.6	52	190
1,2-Dibromo-3-chloropropane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,2-Dibromoethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,2-Dichlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.27**	**JD**	**0.64**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	1.1	100	500
1,2-Dichloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.02	3.1	30
1,2-Dichloropropane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
1,3,5-Trimethylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.57**	**D**	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	8.4	52	190
1,3-Dichlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	2.4	49	280
1,4-Dichlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.97**	**D**	**3.40**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	1.8	13	130
1,4-Dioxane	5.4	U	0.078	U	0.088	U	0.059	U	0.058	U	0.13	U	0.047	U	0.036	U	0.056	U	5.00	U	5.00	U	0.070	U	0.046	U	0.086	U	0.046	U	0.058	U	0.093	U	0.1	13	130
2-Butanone	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	**0.0035**	**J**	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	**0.0027**	**J**	0.0043	U	**0.0099**		**0.0085**		0.0046	U	0.12	100	500
2-Hexanone	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
4-Methyl-2-pentanone	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Acetone	0.54	U	0.0078	U	**0.022**		0.0059	U	0.0058	U	0.013	U	**0.011**		0.0036	U	**0.0079**	**J**	0.50	U	0.50	U	**0.047**		**0.032**		0.0086	U	0.057		**0.050**		**0.028**		0.05	100	500
Acrolein	0.54	U	0.0078	U	0.0088	U	0.0059	U	0.0058	U	0.013	U	0.0047	U	0.0036	U	0.0056	U	0.50	U	0.50	U	0.007	U	0.0046	U	0.0086	U	0.0046	U	0.0058	U	0.0093	U	~	~	~
Acrylonitrile	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Benzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.06	4.8	44
Bromochloromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Bromodichloromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Bromoform	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Bromomethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Carbon disulfide	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Carbon tetrachloride	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.76	2.4	22
Chlorobenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.49**	**JD**	**0.70**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	1.1	100	500
Chloroethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Chloroform	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.37	49	350
Chloromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
cis-1,2-Dichloroethylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.25	100	500
cis-1,3-Dichloropropylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Cyclohexane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	**0.77**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Dibromochloromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Dibromomethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Dichlorodifluoromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Ethyl Benzene	**0.48**	**JD**	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	1	41	390
Hexachlorobutadiene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Isopropylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**2.20**	**D**	**13.0**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Methyl acetate	0.27	U	0.0039	U	**0.016**		0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Methyl tert-butyl ether (MTBE)	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.93	100	500
Methylcyclohexane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.77**	**D**	**4.90**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Methylene chloride	**5.10**	**D**	**0.11**		**0.035**		**0.021**		**0.040**		**0.084**		**0.014**		**0.036**		**0.013**		0.50	U	0.50	U	0.0070	U	**0.024**		**0.011**	**J**	**0.0068**	**J**	**0.012**		0.0093	U	0.05	100	500
n-Butylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**6.70**	**D**	**25.0**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	12	100	500
n-Propylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**5.40**	**D**	**29.0**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	3.9	100	500
o-Xylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	**0.53**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
p- & m- Xylenes	0.54	U	0.0078	U	0.0088	U	0.0059	U	0.0058	U	0.013	U	0.0047	U	0.0036	U	0.0056	U	0.50	U	**0.59**	**JD**	0.007	U	0.0046	U	0.0086	U	0.0046	U	0.0058	U	0.0093	U	~	~	~
p-Isopropyltoluene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
sec-Butylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**5.30**	**D**	**22.0**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	11	100	500
Styrene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
tert-Butyl alcohol (TBA)	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
tert-Butylbenzene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	**0.44**	**JD**	**2.40**	**D**	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	5.9	100	500
Tetrachloroethylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	1.3	19	150
Toluene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.7	100	500
trans-1,2-Dichloroethylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.19	100	500
trans-1,3-Dichloropropylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
trans-1,4-dichloro-2-butene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Trichloroethylene	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.47	21	200
Trichlorofluoromethane	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.007	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.004	U	0.0023	U	0.0029	U	0.0046	U	~	~	~
Vinyl Chloride	0.27	U	0.0039	U	0.0044	U	0.0029	U	0.0029	U	0.0065	U	0.0024	U	0.0018	U	0.0028	U	0.25	U	0.25	U	0.0035	U	0.0023	U	0.0043	U	0.0023	U	0.0029	U	0.0046	U	0.02	0.9	13
Xylenes, Total	0.80	U	0.012	U	0.013	U	0.0088	U	0.0087	U	0.020	U	0.0071	U	0.005	U	0.008	U	0.76	U	**1.10**	**JD**	0.01	U	0.0069	U	0.013	U	0.0069	U	0.0087	U	0.014	U	0.26	100	500
Total VOCs	**5.58**		**0.11**		**0.073**		**0.021**		**0.040**		**0.084**		**0.029**		**0.036**		**0.021**		**26.81**		**104.33**		**0.047**		**0.059**		**0.011**		**0.074**		**0.071**		**0.028**		NS	NS	NS

NOTES:

Q is the Qualifier Column with definitions as follows:

B=analyte found in the analysis batch blank

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

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Table 2 Cont'd
Soil Samples Analytical Results for SVOCs
601-607 Union Street, Brooklyn

Sample Identification	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Part 375 Restricted Use Soil Cleanup Objectives - Commercial
Sample Date	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022				
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result				
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	mg/kg
1,2,4-Trichlorobenzene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
1,2-Dichlorobenzene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	**0.16**	**D**	**0.088**	**JD**	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	1.1	100	500
1,3-Dichlorobenzene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	2.4	49	280
1,4-Dichlorobenzene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	**0.41**	**D**	**0.49**	**D**	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	1.8	13	130
2,4-Dinitrotoluene	0.049	U	**0.96**	**D**	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
2,6-Dinitrotoluene	0.049	U	**0.085**	**JD**	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
2-Chloronaphthalene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
2-Methylnaphthalene	**1.14**	**D**	**0.31**	**D**	0.052	U	0.053	U	0.044	U	**0.079**	**JD**	0.052	U	0.045	U	0.054	U	**15.9**	**D**	**6.51**	**D**	**0.47**	**D**	0.055	U	**0.057**	**JD**	**1.39**	**D**	**0.89**	**D**	0.049	U	~	~	~
2-Nitroaniline	0.097	U	0.088	U	0.11	U	0.105	U	0.088	U	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U	0.101	U	0.110	U	0.097	U	0.099	U	0.111	U	0.097	U	~	~	~
3,3-Dichlorobenzidine	0.049	U	0.04	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U	~	~	~
3-Nitroaniline	0.097	U	0.09	U	0.105	U	0.105	U	0.088	U	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U	0.10	U	0.110	U	0.10	U	0.099	U	0.111	U	0.097	U	~	~	~
4-Bromophenyl phenyl ether	0.049	U	**0.052**	**JD**	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
4-Chloroaniline	0.049	U	**0.17**	**D**	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
4-Chlorophenyl phenyl ether	0.049	U	0.04	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
4-Nitroaniline	0.097	U	0.088	U	0.105	U	0.105	U	0.088	U	0.096	U	0.104	U	0.089	U	0.108	U	0.102	U	0.095	U	0.101	U	0.110	U	0.097	U	0.099	U	0.111	U	0.097	U	~	~	~
Acenaphthene	**1.47**	**D**	**0.84**	**D**	0.05	U	**0.23**	**D**	0.044	U	**0.092**	**JD**	**0.060**	**JD**	0.045	U	0.054	U	**0.84**	**D**	**0.47**	**D**	**0.97**	**D**	**0.15**	**D**	**0.19**	**D**	**23.8**	**D**	**4.01**	**D**	0.049	U	20	100	500
Acenaphthylene	**0.91**	**D**	**0.093**	**D**	0.052	U	**0.065**	**JD**	0.044	U	**0.26**	**D**	**0.057**	**JD**	0.045	U	0.054	U	0.051	U	0.048	U	**0.36**	**D**	0.055	U	**0.14**	**D**	**13.3**	**D**	**4.67**	**D**	**0.079**	**JD**	100	100	500
Aniline	0.194	U	0.176	U	0.209	U	0.211	U	0.176	U	0.191	U	0.208	U	0.178	U	0.217	U	0.203	U	0.191	U	0.203	U	0.221	U	0.195	U	0.197	U	0.223	U	0.194	U	~	~	~
Anthracene	**2.44**	**D**	**1.46**	**D**	0.052	U	**0.57**	**D**	0.044	U	**0.12**	**D**	**0.064**	**JD**	0.045	U	0.054	U	**0.36**	**D**	**0.20**	**D**	**1.93**	**D**	**0.24**	**D**	**0.60**	**D**	**64.2**	**D**	**24.8**	**D**	**0.12**	**D**	100	100	500
Benzo(a)anthracene	**3.79**	**D**	**2.98**	**D**	**0.076**	**JD**	**1.40**	**D**	0.044	U	**0.77**	**D**	**0.19**	**D**	0.045	U	**0.36**	**D**	**0.13**	**D**	**0.086**	**JD**	**4.31**	**D**	**0.46**	**D**	**1.65**	**D**	**40.5**	**D**	**30.3**	**D**	**0.31**	**D**	1	1	5.6
Benzo(a)pyrene	**2.85**	**D**	**2.69**	**D**	**0.066**	**JD**	**1.26**	**D**	0.044	U	**1.43**	**D**	**0.25**	**D**	0.045	U	**1.53**	**D**	**0.12**	**D**	**0.13**	**D**	**4.41**	**D**	**0.38**	**D**	**1.56**	**D**	**54.8**	**D**	**25.2**	**D**	**0.33**	**D**	1	1	1
Benzo(b)fluoranthene	**2.25**	**D**	**2.49**	**D**	**0.053**	**JD**	**1.01**	**D**	0.044	U	**0.68**	**D**	**0.23**	**D**	0.045	U	**1.32**	**D**	**0.11**	**D**	**0.078**	**JD**	**2.62**	**D**	**0.28**	**D**	**1.15**	**D**	**21.7**	**D**	**17.0**	**D**	**0.27**	**D**	1	1	5.6
Benzo(g,h,i)perylene	**1.07**	**D**	**1.49**	**D**	0.052	U	**0.61**	**D**	0.044	U	**1.04**	**D**	**0.13**	**D**	0.045	U	**1.05**	**D**	**0.079**	**JD**	**0.11**	**D**	**1.64**	**D**	**0.16**	**D**	**0.67**	**D**	**30.9**	**D**	**9.29**	**D**	**0.17**	**D**	100	100	500
Benzo(k)fluoranthene	**2.34**	**D**	**2.21**	**D**	0.052	U	**0.95**	**D**	0.044	U	**0.84**	**D**	**0.26**	**D**	0.045	U	**1.33**	**D**	**0.090**	**JD**	**0.083**	**JD**	**2.55**	**D**	**0.31**	**D**	**1.23**	**D**	**28.2**	**D**	**20.4**	**D**	**0.30**	**D**	0.8	3.9	56
Benzyl butyl phthalate	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Bis(2-chloroethoxy)methane	0.049	U	0.044	U	0.05	U	0.05	U	0.044	U	0.05	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Bis(2-chloroethyl)ether	0.049	U	0.044	U	0.05	U	0.05	U	0.044	U	0.05	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Bis(2-chloroisopropyl)ether	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.04	U	0.054	U	0.05	U	0.048	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Bis(2-ethylhexyl)phthalate	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	**0.16**	**D**	**0.16**	**D**	**0.61**	**D**	**0.41**	**D**	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Carbazole	**1.39**	**D**	**0.72**	**D**	0.05	U	**0.15**	**D**	0.0442	U	0.05	U	**0.057**	**JD**	0.04	U	0.05	U	0.05	U	0.05	U	**0.79**	**D**	**0.11**	**JD**	**0.15**	**D**	0.05	U	**2.66**	**D**	**0.055**	**JD**	~	~	~
Chrysene	**3.72**	**D**	**3.16**	**D**	**0.075**	**JD**	**1.38**	**D**	0.044	U	**0.73**	**D**	**0.34**	**D**	0.04	U	**0.47**	**D**	**0.18**	**D**	**0.11**	**D**	**4.12**	**D**	**0.45**	**D**	**1.52**	**D**	**43.0**	**D**	**26.8**	**D**	**0.34**	**D**	1	3.9	56
Dibenzo(a,h)anthracene	**0.45**	**D**	**0.49**	**D**	0.05	U	**0.20**	**D**	0.044	U	**0.16**	**D**	0.052	U	0.04	U	**0.34**	**D**	0.05	U	0.05	U	**0.52**	**D**	**0.071**	**JD**	**0.27**	**D**	**4.41**	**D**	**3.77**	**D**	0.05	U	0.33	0.33	0.56
Dibenzofuran	**1.53**	**D**	**0.52**	**D**	0.052	U	**0.11**	**D**	0.044	U	0.05	U	**0.058**	**JD**	0.04	U	0.054	U	0.05	U	0.05	U	**0.60**	**D**	**0.072**	**JD**	**0.12**	**D**	**0.15**	**D**	**3.50**	**D**	0.05	U	7	59	350
Diethyl phthalate	0.049	U	0.044	U	0.052	U	0.05	U	0.044	U	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Dimethyl phthalate	0.049	U	**0.38**	**D**	0.052	U	0.053	U	0.044	U	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Di-n-butyl phthalate	0.05	U	0.044	U	0.05	U	0.053	U	0.044	U	0.05	U	0.05	U	0.04	U	0.054	U	**0.071**	**JD**	0.05	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Di-n-octyl phthalate	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Fluoranthene	**8.07**	**D**	**8.06**	**D**	**0.16**	**D**	**3.00**	**D**	0.044	U	**0.83**	**D**	**0.88**	**D**	0.045	U	0.054	U	**0.36**	**D**	**0.18**	**D**	**9.30**	**D**	**1.11**	**D**	**2.82**	**D**	**107**	**D**	**70.3**	**D**	**0.66**	**D**	100	100	500
Fluorene	**2.52**	**D**	**0.74**	**D**	0.052	U	**0.22**	**D**	0.044	U	**0.048**	**JD**	**0.099**	**JD**	0.045	U	0.054	U	**1.72**	**D**	**0.71**	**D**	**1.10**	**D**	**0.14**	**D**	**0.21**	**D**	**13.5**	**D**	**9.01**	**D**	**0.066**	**JD**	30	100	500
Hexachlorobenzene	0.05	U	0.044	U	0.05	U	0.053	U	0.04	U	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U	0.33	1.2	6
Hexachlorobutadiene	0.05	U	0.044	U	0.05	U	0.053	U	0.04	U	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Hexachlorocyclopentadiene	0.05	U	0.044	U	0.05	U	0.05	U	0.04	U	0.05	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
Hexachloroethane	0.05	U	**0.045**	**JD**	0.05	U	0.05	U	0.044	U	0.05	U	0.05	U	0.04	U	0.054	U	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Indeno(1,2,3-cd)pyrene	**1.13**	**D**	**1.41**	**D**	0.05	U	**0.58**	**D**	0.04	U	**0.62**	**D**	**0.13**	**D**	0.04	U	**1.01**	**D**	**0.065**	**JD**	**0.069**	**JD**	**1.49**	**D**	**0.16**	**D**	**0.68**	**D**	**24.9**	**D**	**12.8**	**D**	**0.16**	**D**	0.5	0.5	5.6
Isophorone	0.05	U	**0.37**	**D**	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U	~	~	~
Naphthalene	**3.52**	**D**	**0.53**	**D**	0.052	U	**0.068**	**JD**	0.044	U	0.048	U	**0.11**	**D**	0.045	U	0.054	U	**0.54**	**D**	**0.98**	**D**	**1.07**	**D**	**0.068**	**JD**	**0.10**	**D**	**2.43**	**D**	**1.69**	**D**	**0.054**	**JD**	12	100	500
Nitrobenzene	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.06	U	0.05	U	0.049	U	0.056	U	0.049	U	~	~	~
N-Nitrosodimethylamine	0.049	U	0.044	U	0.052	U	0.053	U	0.044	U	0.048	U	0.052	U	0.045	U	0.054	U	0.051	U	0.048	U	0.051	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
N-nitroso-di-n-propylamine	0.05	U	**0.14**	**D**	0.0524	U	0.053	U	0.04	U	0.048	U	0.05	U	0.045	U	0.054	U	0.051	U	0.048	U	0.05	U	0.055	U	0.049	U	0.049	U	0.056	U	0.049	U	~	~	~
N-Nitrosodiphenylamine	0.05	U	**0.45**	**D**	0.05	U	0.0527	U	0.044	U	0.05	U	0.052	U	0.04	U	0.054	U	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U	0.049	U	0.06	U	0.05	U	~	~	~
Phenanthrene	**12.7**	**D**	**7.76**	**D**	**0.062**	**JD**	**2.40**	**D**	0.044	U	**0.41**	**D**	**0.79**	**D**	**0.052**	**JD**	0.054	U	**2.90**	**D**	**1.40**	**D**	**8.32**	**D**	**0.99**	**D**	**1.80**	**D**	**14.8**	**D**	**72.8**	**D**	**0.53**	**D**	100	100	500
Pyrene	**8.09**	**D**	**6.14**	**D**	**0.13**	**D**	**2.80**	**D**	0.044	U	**1.68**	**D**	**0.71**	**D**	**0.063**	**JD**	**0.20**	**D**	**0.56**	**D**	**0.32**	**D**	**8.14**	**D**	**0.92**	**D**	**2.46**	**D**	**183**	**D**	**57.5**	**D**	**0.50**	**D**	100	100	500
Total SVOCs	**61.38**		**46.75**		**0.61**		**17.01**		ND		**9.80**		**4.40**		**0.28**		**7.76**		**25.2**		**12.43**		**54.70**		**6.07**		**17.37**		**671.98**		**397.39**		**3.95**		NS	NS	NS

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial

Table 2 Cont'd

Soil Samples Analytical Results for Pesticides and PCBs

601-607 Union Street, Brooklyn

Sample Identification	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Part 375 Restricted Use Soil Cleanup Objectives - Commercial
Sample Date	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022				
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result				
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	mg/kg
4,4'-DDD	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.0033	13	92
4,4'-DDE	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.0033	8.9	62
4,4'-DDT	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.0033	7.9	47
Aldrin	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.005	0.097	0.68
alpha-BHC	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.02	0.48	3.4
alpha-Chlordane	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.094	4.2	24
beta-BHC	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.036	0.36	3
Chlordane, total	0.039	U	0.035	U	0.042	U	0.042	U	0.034	U	0.038	U	0.041	U	0.035	U	0.042	U	0.040	U	0.038	U	0.041	U	0.045	U	0.038	U	0.039	U	0.044	U	0.038	U	~	~	~
delta-BHC	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.04	100	500
Dieldrin	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.005	0.2	1.4
Endosulfan I	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	2.4	24	200
Endosulfan II	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	2.4	24	200
Endosulfan sulfate	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	2.4	24	200
Endrin	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.014	11	89
Endrin aldehyde	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	~	~	~
Endrin ketone	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	~	~	~
gamma-BHC (Lindane)	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.1	1.3	9.2
gamma-Chlordane	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	~	~	~
Heptachlor	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	0.042	2.1	15
Heptachlor epoxide	0.0019	U	0.0017	U	0.0021	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U	0.0018	U	0.0021	U	0.0020	U	0.0019	U	0.0020	U	0.0022	U	0.0019	U	0.0019	U	0.0022	U	0.0019	U	~	~	~
Methoxychlor	0.0097	U	0.0087	U	0.0104	U	0.0104	U	0.0086	U	0.010	U	0.0103	U	0.009	U	0.0104	U	0.0101	U	0.0094	U	0.0101	U	0.011	U	0.0096	U	0.0097	U	0.0110	U	0.010	U	~	~	~
Toxaphene	0.10	U	0.088	U	0.105	U	0.105	U	0.087	U	0.10	U	0.104	U	0.09	U	0.105	U	0.10	U	0.095	U	0.102	U	0.11	U	0.097	U	0.098	U	0.11	U	0.10	U	~	~	~
Aroclor 1016	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1221	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1232	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1242	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1248	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1254	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.020	U	0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Aroclor 1260	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.031		0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	~	~	~
Total PCBs	0.020	U	0.018	U	0.021	U	0.021	U	0.017	U	0.019	U	0.021	U	0.018	U	0.021	U	0.031		0.019	U	0.020	U	0.023	U	0.019	U	0.020	U	0.022	U	0.019	U	0.1	1	1

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

P=result is estimated and cannot be accurately reported due to levels encountered or interferences

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Table 2 Cont'd
Soil Samples Analytical Results for Metals
601-607 Union Street, Brooklyn

Sample Identification	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		SP-15 (6-8)		SP-16 (8-10)		SP-17 (4-6)		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Part 375 Restricted Use Soil Cleanup Objectives - Commercial
Sample Date	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022		9/8/2022				
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result				
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	mg/kg
Aluminum	**9040**		**12700**		**8200**		**13900**		**11500**		**6970**		**6710**		**2110**		**10200**		**7560**		**9960**		**4350**		**7100**		**6230**		**3560**		**6670**		**13400**		~	~	~
Antimony	**4.36**		**3.55**		3.16	U	**5.90**		2.65	U	2.94	U	3.17	U	2.73	U	**36.90**		**3.99**		**6.22**		3.25	U	**4.58**		**4.16**		3.16	U	3.59	U	**5.50**		~	~	~
Arsenic	**5.27**		1.59	U	**21.9**		**14.3**		**6.98**		**13.3**		**106**		**3.23**		**43.2**		**12.2**		**8.86**		**20.7**		**19.6**		**6.99**		**2.17**		**12.6**		**7.11**		13	16	16
Barium	**110**		**108**		**208**		**214**		**80.7**		**4910**		**1090**		**81.3**		**550**		**318**		**122**		**677**		**167**		**64.9**		**36.4**		**209**		**91.7**		350	400	400
Beryllium	0.059	U	0.053	U	0.063	U	0.063	U	0.053	U	0.059	U	0.063	U	0.055	U	**0.11**		0.061	U	0.058	U	0.065	U	0.069	U	0.063	U	0.063	U	**0.11**		**0.075**		7.2	72	590
Cadmium	0.36	U	0.32	U	**0.58**		**0.38**		0.32	U	**2.11**		0.38	U	0.33	U	0.39	U	0.37	U	0.35	U	0.39	U	0.41	U	0.38	U	0.38	U	0.43	U	0.37	U	2.5	4.3	9.3
Calcium	**2880**		**31500**		**14200**	**B**	**6860**	**B**	**48900**	**B**	**69700**	**B**	**25600**	**B**	**5950**	**B**	**15000**	**B**	**2860**	**B**	**26500**	**B**	**8880**	**B**	**15800**	**B**	**4330**	**B**	**212000**	**B**	**6170**	**B**	**1650**	**B**	~	~	~
Chromium	**16.7**		**22.0**		**19.7**		**30.7**		**22.1**		**18.4**		**49.6**		**13.3**		**109**		**19.3**		**17.6**		**18.8**		**18.4**		**14.5**		**6.43**		**12.1**		**15.9**		~	~	~
Cobalt	**7.63**		**19.6**		**6.74**		**14.4**		**9.07**		**0.81**		**9.8**		**3.30**		**24.6**		**6.16**		**7.87**		**5.12**		**8.82**		**6.40**		**3.07**		**8.07**		**7.04**		~	~	~
Copper	**26.3**		**14.9**		**32.9**		**139**		**23.7**		**22.6**		**102**		**26.8**		**181**		**62.7**		**111**		**57.7**		**50.9**		**31.5**		**13.7**		**45.2**		**19.1**		50	270	270
Iron	**14100**		**19800**		**11100**		**27700**		**16100**		**12800**		**14100**		**4750**		**185000**	**D**	**15800**		**20300**		**12000**		**25500**		**18700**		**4570**		**9330**		**21100**		~	~	~
Lead	**196**		**14.5**		**1560**		**743**		**27.2**		**2400**		**1690**		**78.6**		**688**		**1870**		**446**		**740**		**377**		**763**		**31.7**		**296**		**103**		63	400	1000
Magnesium	**2220**		**8600**		**2920**		**7450**		**17600**		**10300**		**2150**		**618**		**11600**		**3120**		**2570**		**729**		**3030**		**2080**		**1220**		**1130**		**2710**		~	~	~
Manganese	**195**		**193**		**246**		**374**		**1130**		**548**		**180**		**45.7**		**792**		**187**		**250**		**118**		**318**		**228**		**163**		**89.6**		**331**		1600	2000	10000
Nickel	**21.1**		**48.5**		**24.9**		**76.3**		**46.5**		**23.5**		**21.7**		**70.7**		**451**		**15.5**		**20.8**		**14.1**		**17.2**		**20.0**		**7.80**		**19.7**		**20.2**		30	310	310
Potassium	**1100**		**6830**		**1210**		**3070**		**2300**		**1550**		**1080**		**688**		**2480**		**1630**		**1250**		**720**	**B**	**1220**		**1100**		**373**	**B**	**1340**	**B**	**1200**	**B**	~	~	~
Selenium	2.96	U	2.64	U	3.16	U	3.15	U	2.65	U	2.94	U	3.17	U	2.73	U	3.25	U	3.06	U	2.91	U	3.25	U	3.45	U	3.15	U	3.16	U	3.59	U	3.07	U	3.9	180	1500
Silver	0.59	U	**1.15**		**0.69**		**7.08**		**0.67**		**0.68**		**1.28**		0.55	U	0.65	U	0.61	U	0.58	U	0.65	U	0.69	U	0.63	U	**3.66**		0.72	U	0.62	U	2	180	1500
Sodium	59.3	U	**194**		63.2	U	63.1	U	**322**		58.7	U	63.3	U	**459**		**862**		61.2	U	**150**		**160**		69	U	**264**		**878**		**196**		**2310**		~	~	~
Thallium	1.23	U	1.10	U	1.32	U	1.31	U	1.10	U	**3.28**		1.32	U	**3.43**		**12.9**		1.27	U	1.21	U	1.35	U	1.44	U	1.31	U	1.31	U	1.49	U	1.28	U	~	~	~
Vanadium	**23.4**		**27.5**		**29.1**		**42.2**		**26.0**		**25.0**		**25.4**		**638**		**3470**		**21.6**		**24.5**		**18.4**		**26.1**		**19.2**		**7.52**		**26.4**		**24.7**		~	~	~
Zinc	**62.3**		**56.8**		**496**		**249**		**59.8**		**2980**		**470**		**118**		**425**		**977**		**101**		**236**		**296**		**58.9**		**30.5**		**77.1**		**52.9**		109	10000	10000
Mercury	**3.29**		**0.66**		**0.51**		**3.10**		**0.040**		**0.40**		**1.58**		**0.090**		**47.1**		**6.22**		**0.99**		**10.8**		**2.31**		**2.04**		**0.58**		**12.0**		**3.28**		0.18	0.81	2.8
Chromium, Hexavalent	0.59	U	0.53	U	0.63	U	0.63	U	0.53	U	0.59	U	0.63	U	0.55	U	0.65	U	0.61	U	0.58	U	0.62	U	0.68	U	0.59	U	0.60	U	0.67	U	0.58	U	1	110	400
Chromium, Trivalent	**16.7**		**22.0**		**19.7**		**30.7**		**22.1**		**18.4**		**49.6**		**13.3**		**109**		**19.3**		**17.6**		**18.8**		**18.4**		**14.5**		**6.43**		**12.1**		**15.9**		30	180	1500

NOTES:

Q is the Qualifier Column with definitions as follows:

B=analyte found in the analysis batch blank

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial

Table 2 Cont'd

Soil Samples Analytical Results for PFAs and 1,4-Dioxane

601-607 Union Street, Brooklyn

Sample Identification	SP-1 (8-10)		SP-2 (8-10)		SP-3 (10-12)		SP-4 (4-6)		SP-5 (6-8)		SP-6 (2-4)		SP-7 (0-2)		SP-8 (1-3)		SP-9 (1-3)		SP-10 (8-10)		SP-11 (10-12)		SP-12 (10-12)		SP-13 (10-12)		SP-14 (6-8)		NYSDEC Guidance Value for Unrestricted Use	NYSDEC Guidance Value for Residential Use
Sample Date	9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/7/2022		9/8/2022		9/8/2022		9/8/2022			
Sample Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result			
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
1,4-Dioxane	0.019	U	0.018	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.018	U	0.020	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	NS	NS
Units	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	Q	ug/kg	ug/kg
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
N-EtFOSAA	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
N-MeFOSAA	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluoro-1-decanesulfonic acid (PFDS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluoro-1-octanesulfonamide (FOSA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorobutanesulfonic acid (PFBS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorodecanoic acid (PFDA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorododecanoic acid (PFDoA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluoroheptanoic acid (PFHpA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	**0.31**		0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorohexanesulfonic acid (PFHxS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorohexanoic acid (PFHxA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.36		0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	**0.31**		0.31	U	0.29	U	NS	NS
Perfluoro-n-butanoic acid (PFBA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	**9.84**	**D**	8.10	U	7.58	U	7.05	U	**0.33**		**0.53**		0.29	U	NS	NS
Perfluorononanoic acid (PFNA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorooctanesulfonic acid (PFOS)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	0.88	8.8
Perfluorooctanoic acid (PFOA)	0.29	U	0.26	U	0.31	U	**1.62**		0.26	U	**0.31**		0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	0.66	6.6
Perfluoropentanoic acid (PFPeA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorotetradecanoic acid (PFTA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluorotridecanoic acid (PFTrDA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS
Perfluoroundecanoic acid (PFUnA)	0.29	U	0.26	U	0.31	U	0.32	U	0.26	U	0.28	U	0.31	U	6.81	U	8.10	U	7.58	U	7.05	U	0.29	U	0.31	U	0.29	U	NS	NS

NOTES:

Q is the Qualifier Column with definitions as follows:

B=analyte found in the analysis batch blank

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC Guidance Value for Unrestricted Use

Table 3
Groundwater Samples Analytical Results for VOCs
601-607 Union Street, Brooklyn

Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/8/2022		9/8/2022		9/8/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Compound	Result		Result		Result		Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1,1,1,2-Tetrachloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,1,1-Trichloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,1,2,2-Tetrachloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,1,2-Trichloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	1
1,1-Dichloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,1-Dichloroethylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,2,3-Trichlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,2,3-Trichloropropane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.04
1,2,4-Trichlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,2,4-Trimethylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,2-Dibromo-3-chloropropane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.04
1,2-Dibromoethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.0006
1,2-Dichlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	3
1,2-Dichloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.6
1,2-Dichloropropane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	1
1,3,5-Trimethylbenzene	0.20	U	0.20	U	**0.20**	**J**	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
1,3-Dichlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	3
1,4-Dichlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	3
1,4-Dioxane	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	~
2-Butanone	**1.21**		0.20	U	**0.40**	**J**	**0.68**		**2.05**		0.20	U	**0.33**	**J**	**0.44**	**J**	50
2-Hexanone	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	50
4-Methyl-2-pentanone	0.20	U	0.20	U	0.20	U	0.20	U	**0.31**	**J**	0.20	U	0.20	U	0.20	U	~
Acetone	**8.04**		**2.84**		**3.82**		**4.57**		**12.8**		**2.89**		**3.48**		**4.15**		50
Acrolein	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	~
Acrylonitrile	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	~
Benzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**6.21**		0.20	U	1
Bromochloromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Bromodichloromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	50
Bromoform	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	50
Bromomethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Carbon disulfide	**0.21**	**J**	0.20	U	0.20	U	**0.31**	**J**	**0.22**	**J**	0.20	U	**0.61**		**3.99**		~
Carbon tetrachloride	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Chlorobenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Chloroethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Chloroform	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	7
Chloromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
cis-1,2-Dichloroethylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
cis-1,3-Dichloropropylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.4
Cyclohexane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.31**	**J**	0.20	U	0.20	U	~
Dibromochloromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	50
Dibromomethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	~
Dichlorodifluoromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Ethyl Benzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.31**	**J**	0.20	U	5
Hexachlorobutadiene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.5
Isopropylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**1.21**		**0.37**	**J**	0.20	U	5
Methyl acetate	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	~
Methyl tert-butyl ether (MTBE)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**3.22**		**0.56**		0.20	U	10
Methylcyclohexane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**1.12**		0.20	U	0.20	U	~
Methylene chloride	1.00	U	1.00	U	**1.34**	**JB**	**1.55**	**JB**	**2.03**	**B**	**1.04**	**JB**	**2.38**	**B**	**1.01**	**JB**	5
n-Butylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
n-Propylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.42**	**J**	0.20	U	0.20	U	5
o-Xylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.47**	**J**	0.20	U	5
p- & m- Xylenes	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	**1.14**		0.50	U	~
p-Isopropyltoluene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
sec-Butylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.83**		0.20	U	0.20	U	5
Styrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
tert-Butyl alcohol (TBA)	**1.47**		0.50	U	**0.87**	**J**	**3.23**		**5.90**		**6.88**		**5.29**		**2.79**		~
tert-Butylbenzene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	**0.25**	**J**	0.20	U	0.20	U	5
Tetrachloroethylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Toluene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
trans-1,2-Dichloroethylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
trans-1,3-Dichloropropylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.4
trans-1,4-dichloro-2-butene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	~
Trichloroethylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Trichlorofluoromethane	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	5
Vinyl Chloride	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2
Xylenes, Total	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	**1.61**		0.60	U	5
Total VOCs	**10.93**		**2.84**		**6.63**		**10.34**		**23.31**		**18.17**		**22.76**		**12.38**		NS

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

Table 3 Cont'd
Groundwater Samples Analytical Results for SVOCs
601-607 Union Street, Brooklyn

Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/8/2022		9/8/2022		9/8/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Compound	Result		Result		Result		Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1,2,4-Trichlorobenzene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
1,2-Dichlorobenzene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	3
1,3-Dichlorobenzene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	3
1,4-Dichlorobenzene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	3
2,4-Dinitrotoluene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
2,6-Dinitrotoluene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
2-Chloronaphthalene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	10
2-Methylnaphthalene	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
2-Nitroaniline	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
3,3-Dichlorobenzidine	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
3-Nitroaniline	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
4-Bromophenyl phenyl ether	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
4-Chloroaniline	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
4-Chlorophenyl phenyl ether	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
4-Nitroaniline	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
Aniline	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
Benzyl butyl phthalate	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Bis(2-chloroethoxy)methane	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
Bis(2-chloroethyl)ether	1.11	U	1.14	U	1.05	U	1.43	U	1.00	U	1.00	U	2.00	U	1.00	U	1
Bis(2-chloroisopropyl)ether	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	5
Carbazole	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
Dibenzofuran	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
Diethyl phthalate	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Dimethyl phthalate	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Di-n-butyl phthalate	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Di-n-octyl phthalate	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Hexachlorocyclopentadiene	5.56	U	5.71	U	5.26	U	7.14	U	5.00	U	5.00	U	10.00	U	5.00	U	5
Isophorone	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
N-nitroso-di-n-propylamine	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	~
N-Nitrosodiphenylamine	2.78	U	2.86	U	2.63	U	3.57	U	2.50	U	2.50	U	5.00	U	2.50	U	50
Acenaphthene	**2.82**		**0.51**		**0.12**		**0.60**		0.05	U	**0.060**		**0.38**		**2.29**		20
Acenaphthylene	0.056	U	**0.057**		**0.053**	**U**	**0.071**		0.050	U	0.050	U	0.100	U	**0.060**		~
Anthracene	**0.078**		**0.21**		0.053	U	**0.49**		0.050	U	0.050	U	0.100	U	**0.34**		50
Benzo(a)anthracene	0.056	U	**0.17**		**0.074**		**0.36**		0.050	U	0.050	U	0.100	U	**0.090**		0.002
Benzo(a)pyrene	0.056	U	**0.11**		**0.063**		**0.19**		0.050	U	0.050	U	**0.10**		0.050	U	0.002
Benzo(b)fluoranthene	0.056	U	**0.13**		**0.053**		**0.16**		0.050	U	0.050	U	0.100	U	0.050	U	0.002
Benzo(g,h,i)perylene	0.056	U	0.057	U	0.053	U	**0.11**		0.050	U	0.050	U	**0.10**		**0.070**		~
Benzo(k)fluoranthene	0.056	U	**0.15**		**0.063**		**0.17**		0.050	U	0.050	U	0.100	U	0.050	U	0.002
Bis(2-ethylhexyl)phthalate	0.556	U	0.571	U	**0.611**	**B**	**0.89**	**B**	0.500	U	0.500	U	1.000	U	0.500	U	5
Chrysene	0.056	U	**0.18**		**0.074**		**0.37**		0.050	U	0.050	U	0.100	U	**0.080**		0.002
Dibenzo(a,h)anthracene	0.056	U	0.057	U	0.053	U	0.071	U	0.050	U	0.050	U	0.100	U	0.050	U	~
Fluoranthene	**0.067**		**0.50**		**0.189**		**2.79**		0.050	U	0.050	U	**0.12**		**0.60**		50
Fluorene	**0.68**		**0.29**		**0.063**		**0.50**		0.050	U	0.050	U	0.100	U	**0.56**		50
Hexachlorobenzene	0.022	U	0.023	U	0.021	U	0.029	U	0.020	U	0.020	U	0.040	U	0.020	U	0.04
Hexachlorobutadiene	0.556	U	0.571	U	0.526	U	0.714	U	0.500	U	0.500	U	1.000	U	0.500	U	0.5
Hexachloroethane	0.556	U	0.571	U	0.526	U	0.714	U	0.500	U	0.500	U	1.000	U	0.500	U	5
Indeno(1,2,3-cd)pyrene	0.056	U	0.057	U	0.053	U	**0.10**		0.050	U	0.050	U	0.100	U	**0.050**		0.002
Naphthalene	**1.82**		**0.81**		**0.68**		**0.66**		0.05	U	**0.050**		0.10	U	**0.13**		10
Nitrobenzene	0.28	U	0.29	U	0.26	U	0.36	U	0.25	U	0.25	U	0.50	U	0.25	U	0.4
N-Nitrosodimethylamine	0.56	U	0.57	U	0.53	U	0.71	U	0.50	U	0.50	U	1.00	U	0.50	U	~
Phenanthrene	**0.72**		**0.80**		**0.22**		**2.76**		0.05	U	0.05	U	**0.10**		**0.39**		50
Pyrene	**0.067**		**0.31**		**0.13**		**1.89**		0.05	U	0.05	U	**0.14**		**0.86**		50
Total SVOCs	**6.25**		**4.23**		**2.34**		**12.10**		ND		**0.11**		**0.94**		**5.52**		NS

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

= sample exceeds NYSDEC TOGS Standard and Guidance Value - GA

Table 3 Cont'd

Groundwater Samples Analytical Results for Pesticides and PCBs

601-607 Union Street, Brooklyn

Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/8/2022		9/8/2022		9/8/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Compound	Result		Result		Result		Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
4,4'-DDD	**0.0052**		0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.3
4,4'-DDE	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.2
4,4'-DDT	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.2
Aldrin	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	~
alpha-BHC	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.01
alpha-Chlordane	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	~
beta-BHC	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.04
Chlordane, total	0.021	U	0.021	U	0.021	U	0.020	U	0.020	U	0.021	U	0.020	U	0.020	U	0.05
delta-BHC	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.04
Dieldrin	0.0021	U	0.0021	U	0.0021	U	0.0020	U	0.0020	U	0.0021	U	0.0020	U	0.0020	U	0.004
Endosulfan I	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	~
Endosulfan II	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	~
Endosulfan sulfate	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	~
Endrin	0.0041	U	0.0041	U	0.0041	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	~
Endrin aldehyde	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	0.010	U	5
Endrin ketone	0.010	U	0.010	U	0.010	U	0.0100	U	0.0100	U	0.0103	U	0.0100	U	0.0100	U	5
gamma-BHC (Lindane)	0.0041	U	0.0041	U	0.0041	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.05
gamma-Chlordane	0.010	U	0.010	U	0.010	U	0.0100	U	0.0100	U	0.0103	U	0.0100	U	0.0100	U	~
Heptachlor	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.04
Heptachlor epoxide	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	0.03
Methoxychlor	0.0041	U	0.0041	U	0.0041	U	0.0040	U	0.0040	U	0.0041	U	0.0040	U	0.0040	U	35
Toxaphene	0.10	U	0.10	U	0.10	U	0.100	U	0.100	U	0.103	U	0.100	U	0.100	U	0.06
Aroclor 1016	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1221	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1232	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1242	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1248	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1254	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Aroclor 1260	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	~
Total PCBs	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	0.09

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U/ND=analyte not detected at or above the level indicated

NS=No standard available for target analyte

Table 3 Cont'd
Groundwater Samples Analytical Results for Metals
601-607 Union Street, Brooklyn

Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/8/2022		9/8/2022		9/8/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Compound	Result		Result		Result		Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
Aluminum	**504,000**		**96,000**		**119,000**		**80,600**		**175,000**		**66,900**		**338,000**		**84,800**		~
Barium	**20,200**		**3,420**		**15,000**		**4,370**		**7,490**		**3,030**		**5,620**		**3,820**		1000
Calcium	**2,590,000**	**B**	**494,000**	**B**	**1,160,000**	**B**	**541,000**	**B**	**764,000**	**B**	**320,000**	**B**	**975,000**	**B**	**551,000**	**B**	~
Chromium	**1,480**		**364**		**331**		**210**		**488**		**121**		**683**		**208**		50
Cobalt	**479**		**103**		**112**		**92.6**		**220**		**72.4**		**235**		**83**		~
Copper	**8,790**		**2,540**		**1,090**		**329**		**637**		**397**		**1,340**		**698**		200
Iron	**1,320,000**	**D**	**486,000**	**D**	**298,000**	**D**	**189,000**	**D**	**303,000**	**D**	**79,500**		**629,000**	**D**	**178,000**	**D**	~
Lead	**52,700**		**33,400**		**20,300**		**8,130**		**6,230**		**3,540**		**5,530**		**6,140**		25
Magnesium	**232,000**		**33,300**		**106,000**		**45,800**		**47,100**		**83,400**		**138,000**		**156,000**		35000
Manganese	**20,200**		**8,310**		**6,180**		**4,500**		**5,590**		**1,380**		**13,200**		**3,080**		300
Nickel	**1,550**		11.10	U	**288**		**240**		**1,640**		**134**		**439**		**221**		100
Potassium	**73,300**		**12,200**		**27,000**		**24,300**		**58,300**		**19,300**		**49,700**		**51,100**		~
Silver	**41.3**		**12.0**		**18.2**		5.56	U	5.56	U	**12.0**		**9.41**		**6.84**		50
Sodium	**141,000**		**38,800**		**73,800**		**53,400**		**149,000**		**189,000**		**735,000**		**205,000**		20000
Vanadium	**1,610**		**421**		**467**		**642**		**7,820**		**333**		**936**		**469**		~
Zinc	**58,400**	**D**	**10,700**		**7,220**		**3,640**		**5,980**		**2,290**		**4,290**		**3,310**		2000
Antimony	**24.6**	**D**	**32.7**		**16.1**		**17.4**		**9.54**		**6.40**		**10.8**		**14.3**		3
Arsenic	**4,090**	**D**	**434**		**149**		**608**		**786**		**145**		**448**		**275**		25
Beryllium	**20.2**	**D**	**1.80**		**1.39**		**2.10**		**4.09**		**1.49**		**1.60**		**1.58**		3
Cadmium	**220**	**D**	**10.5**		**8.38**		**11.1**		**10.7**		**3.48**		**7.34**		**8.81**		5
Selenium	**2,040**	**D**	**90.8**		**44.1**		**179**		**327**		**65.5**		**224**		**141**		10
Thallium	**16.00**	**D**	1.11	U	**1.46**		**1.43**		1.11	U	1.11	U	**1.45**		**2.46**		~
Mercury	0.20	U	0.20	U	**0.40**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.7
Chromium, Hexavalent	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	50
Chromium, Trivalent	**1,480**		**364**		**331**		**210**		**488**		**121**		**683**		**208**		NS
Dissolved Metals																	
Aluminum	55.6	U	55.6	U	55.6	U	55.6	U	**146,000**		**4,710**		**1,960**		**47,400**		~
Barium	**152**		**111**		**202**		**166**		**3,170**		**700**		**2,230**		**2,930**		1000
Calcium	**133,000**	**B**	**187,000**	**B**	**245,000**	**B**	**214,000**	**B**	**734,000**	**B**	**303,000**	**B**	**1,170,000**	**B**	**600,000**	**B**	~
Chromium	5.56	U	5.56	U	5.56	U	5.56	U	**339**		**11.4**		5.56	U	**97.9**		50
Cobalt	4.44	U	4.44	U	**5.23**		4.44	U	**238**		**13.0**		**123**		**48.4**		~
Copper	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U	**213**		200
Iron	278	U	278	U	278	U	278	U	**253,000**	**D**	**12,200**		**214,000**	**D**	**103,000**		~
Lead	**20.1**		**11.9**		**60.1**		5.56	U	**9,230**		**653**		**172**		**8,410**		25
Magnesium	**19,500**		**8,200**		**58,200**		**29,100**		**47,800**		**89,600**		**83,400**		**146,000**		35000
Manganese	**461**		**578**		**720**		**539**		**5,070**		**910**		**12,100**		**2,640**		300
Nickel	11.1	U	11.1	U	11.1	U	11.1	U	**1,990**		**28.7**		**148**		**119**		100
Potassium	**10,600**	**B**	**6,610**	**B**	**16,600**	**B**	**15,100**		**53,300**		**30,700**		**42,200**		**42,200**		~
Silver	5.56	U	5.56	U	**7.35**		5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	50
Sodium	**46,500**		**19,100**		**64,300**		**47,500**		**166,000**		**258,000**		**938,000**		**246,000**		20000
Vanadium	11.1	U	11.1	U	**11.1**		11.1	U	**9,880**		**49.6**		11.1	U	**390**		~
Zinc	**51.7**		27.8	U	**104**		27.8	U	**11,700**		**487**		**2,560**		**3,440**		2000
Antimony	**7.29**		**11.3**		**8.08**		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	3
Arsenic	**11.3**		**17.6**		**18.6**		**2.68**		**6.91**		1.11	U	**1.38**		**4.63**		25
Beryllium	0.33	U	0.33	U	0.33	U	**18.5**		**13.2**		**136**		**13.6**		**47.0**		3
Cadmium	0.56	U	0.56	U	0.56	U	0.33	U	0.33	U	**1.78**		0.33	U	**0.49**		5
Selenium	**2.40**		**1.92**		**2.60**		0.56	U	0.56	U	**2.64**		0.56	U	**1.28**		10
Thallium	1.11	U	1.11	U	1.11	U	**2.49**		**4.10**		**62.3**		**11.4**		**22.0**		~
Mercury	**0.20**		0.20	U	0.20	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	0.7

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U/ND=analyte not detected at or above the level indicated

NT=analyte is not target analyte for this sample

NS=No standard available for target analyte

= sample exceeds NYSDEC TOGS Standard and Guidance Value - GA

Table 3 Cont'd

Groundwater Samples Analytical Results for PFAs and 1,4-Dioxane

601-607 Union Street, Brooklyn

Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		NYSDEC Guidance Value
Sampling Date	9/8/2022		9/8/2022		9/8/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Compound	Result		Result		Result		Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1,4-Dioxane	**0.30**		0.30	U	0.30	U	0.30	U	0.30	U	**1.54**		NT		0.30	U	1
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.0050	U	0.0045	U	0.0045	U	0.0050	U	**0.030**	**D**	**0.0077**		**0.44**	**D**	0.0050	U	NS
N-EtFOSAA	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
N-MeFOSAA	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluoro-1-decanesulfonic acid (PFDS)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluoro-1-octanesulfonamide (FOSA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluorobutanesulfonic acid (PFBS)	**0.0039**		0.0018	U	**0.0035**		**0.0039**		**0.0047**	**D**	**0.0062**		0.0096	U	0.0020	U	NS
Perfluorodecanoic acid (PFDA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluorododecanoic acid (PFDoA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluoroheptanoic acid (PFHpA)	**0.0061**		**0.0026**		**0.0093**		**0.011**		**0.014**	**D**	**0.0083**		0.0096	U	**0.0052**		NS
Perfluorohexanesulfonic acid (PFHxS)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluorohexanoic acid (PFHxA)	**0.0054**		**0.0021**		**0.011**		**0.0088**		**0.023**	**D**	**0.0082**		**0.017**	**D**	**0.0070**		NS
Perfluoro-n-butanoic acid (PFBA)	**0.0058**		0.0018	U	**0.011**		**0.0099**		0.0040	U	**0.012**		**0.010**	**D**	**0.0061**		NS
Perfluorononanoic acid (PFNA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluorooctanesulfonic acid (PFOS)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	**0.014**	**D**	0.0018	U	**0.042**	**D**	0.0020	U	0.01
Perfluorooctanoic acid (PFOA)	**0.070**		**0.011**		**0.043**		**0.051**		**0.051**	**D**	**0.021**		**0.055**	**D**	**0.0051**		0.01
Perfluoropentanoic acid (PFPeA)	**0.0057**		0.0018	U	**0.015**		**0.0072**		**0.013**	**D**	**0.015**		**0.022**	**D**	0.0020	U	NS
Perfluorotetradecanoic acid (PFTA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluorotridecanoic acid (PFTrDA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS
Perfluoroundecanoic acid (PFUnA)	0.0020	U	0.0018	U	0.0018	U	0.0020	U	0.0040	U	0.0018	U	0.0096	U	0.0020	U	NS

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U/ND=analyte not detected at or above the level indicated

NT=analyte is not target analyte for this sample

NS=No standard available for target analyte

= sample exceeds NYSDEC Guidance Value

Table 4

Vapor Analytical Results for VOCs

601-607 Union Street, Brooklyn

Sample ID	SV-1		SV-2		SSB-1		SSB-2		SSB-3		SSB-4		SSB-5		SSB-6	
Sampling Date	9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022		9/9/2022	
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	Result		Result		Result		Result		Result		Result		Result		Result	
Units	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q
1,1,1,2-Tetrachloroethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.10	U
1,1,1-Trichloroethane	1.00	U	0.94	U	0.91	U	1.10	U	0.96	U	0.91	U	1.30	U	4.10	U
1,1,2,2-Tetrachloroethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.10	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.50	U	1.30	U	1.30	U	1.50	U	1.40	U	1.30	U	1.80	U	5.70	U
1,1,2-Trichloroethane	1.00	U	0.94	U	0.91	U	1.10	U	0.96	U	0.91	U	1.30	U	4.10	U
1,1-Dichloroethane	0.77	U	0.70	U	**0.68**	**J**	0.82	U	0.71	U	0.67	U	**3.90**	**D**	3.00	U
1,1-Dichloroethylene	0.19	U	0.17	U	0.17	U	0.20	U	0.17	U	0.16	U	0.23	U	0.74	U
1,2,4-Trichlorobenzene	1.40	U	1.30	U	1.20	U	1.50	U	1.30	U	1.20	U	1.80	U	5.50	U
1,2,4-Trimethylbenzene	**1.40**	**D**	**2.50**	**D**	**24.0**	**D**	**5.80**	**D**	**33.0**	**D**	**9.60**	**D**	**12.0**	**D**	**11.0**	**D**
1,2-Dibromoethane	1.50	U	1.30	U	1.30	U	1.50	U	1.40	U	1.30	U	1.80	U	5.70	U
1,2-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,2-Dichloroethane	0.77	U	0.70	U	0.68	U	0.82	U	0.71	U	0.67	U	0.95	U	3.00	U
1,2-Dichloropropane	0.88	U	0.80	U	0.77	U	0.93	U	0.82	U	0.77	U	1.10	U	3.40	U
1,2-Dichlorotetrafluoroethane	1.30	U	1.20	U	1.20	U	1.40	U	1.20	U	1.20	U	1.60	U	5.20	U
1,3,5-Trimethylbenzene	0.94	U	**0.85**	**J**	**7.90**	**D**	**1.40**	**D**	**11.0**	**D**	**2.90**	**D**	**5.30**	**D**	**9.10**	**D**
1,3-Butadiene	**1.30**	**J**	**1.10**	**J**	**1.10**	**J**	**1.30**	**J**	**1.20**	**J**	**1.10**	**J**	1.60	U	**4.90**	**J**
1,3-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,3-Dichloropropane	0.88	U	0.80	U	0.77	U	0.93	U	0.82	U	0.77	U	1.10	U	3.40	U
1,4-Dichlorobenzene	1.20	U	1.00	U	1.00	U	1.20	U	1.10	U	1.00	U	1.40	U	4.50	U
1,4-Dioxane	1.40	U	1.20	U	**1.20**	**J**	1.50	U	**1.30**	**J**	1.20	U	**1.70**	**J**	5.40	U
2-Butanone	**23.0**	**D**	**7.00**	**D**	**3.90**	**D**	**0.89**	**D**	**7.80**	**D**	**1.50**	**D**	**19.0**	**D**	**150**	**D**
2-Hexanone	**5.70**	**D**	**2.60**	**D**	**4.50**	**D**	**1.70**	**J**	**5.70**	**D**	**1.40**	**J**	1.90	U	**12.0**	**D**
3-Chloropropene	3.00	U	2.70	U	2.60	U	3.20	U	2.80	U	2.60	U	3.70	U	12.00	U
4-Methyl-2-pentanone	0.78	U	**1.10**	**D**	**1.40**	**D**	0.83	U	**5.70**	**D**	**0.68**	**J**	**2.20**	**D**	**11.0**	**D**
Acetone	**99.0**	**D**	**53.0**	**D**	**51.0**	**D**	**6.20**	**D**	**77.0**	**D**	**14.0**	**D**	**110**	**D**	**1,700**	**D**
Acrylonitrile	**0.54**	**D**	**0.83**	**D**	0.36	U	0.44	U	**0.38**	**J**	0.36	U	**2.90**	**D**	1.60	U
Benzene	**1.70**	**D**	**3.00**	**D**	**2.20**	**D**	**1.70**	**D**	**9.10**	**D**	**1.40**	**D**	**2.80**	**D**	**12.0**	**D**
Benzyl chloride	0.99	U	0.90	U	0.87	U	1.00	U	0.91	U	0.86	U	1.20	U	3.80	U
Bromodichloromethane	1.30	U	1.20	U	1.10	U	1.40	U	1.20	U	1.10	U	1.60	U	5.00	U
Bromoform	2.00	U	1.80	U	1.70	U	2.10	U	1.80	U	1.70	U	2.40	U	7.70	U
Bromomethane	0.74	U	0.67	U	0.65	U	0.78	U	**0.68**	**D**	0.64	U	0.92	U	2.90	U
Carbon disulfide	**23.0**	**D**	**0.75**	**D**	**0.68**	**D**	0.63	U	**3.80**	**D**	**1.60**	**D**	**28.0**	**D**	**11.0**	**D**
Carbon tetrachloride	0.30	U	0.27	U	0.26	U	0.32	U	0.28	U	**0.31**	**D**	0.37	U	1.20	U
Chlorobenzene	0.88	U	0.80	U	0.77	U	0.93	U	0.81	U	0.76	U	1.10	U	3.40	U
Chloroethane	0.50	U	0.46	U	**0.44**	**J**	0.53	U	0.47	U	0.44	U	0.62	U	2.00	U
Chloroform	0.93	U	0.85	U	**1.80**	**D**	**4.20**	**D**	0.86	U	0.81	U	1.20	U	3.60	U
Chloromethane	**0.87**	**D**	0.36	U	**1.40**	**D**	**0.46**	**D**	**1.30**	**D**	**1.40**	**D**	**0.88**	**D**	**2.30**	**D**
cis-1,2-Dichloroethylene	0.19	U	0.17	U	**7.20**	**D**	**0.40**	**D**	0.17	U	0.16	U	0.23	U	0.74	U
cis-1,3-Dichloropropylene	0.87	U	0.79	U	0.76	U	0.92	U	0.80	U	0.75	U	1.10	U	3.40	U
Cyclohexane	**8.50**	**D**	**2.10**	**D**	**5.40**	**D**	**1.70**	**D**	**28.0**	**D**	**0.91**	**D**	**49.0**	**D**	**8.70**	**D**
Dibromochloromethane	1.60	U	1.50	U	1.40	U	1.70	U	1.50	U	1.40	U	2.00	U	6.30	U
Dichlorodifluoromethane	**1.30**	**D**	0.86	U	**2.10**	**D**	**2.10**	**D**	**1.90**	**D**	**2.00**	**D**	**1.90**	**D**	3.70	U
Ethyl acetate	**1.40**	**J**	**1.60**	**D**	**1.20**	**J**	**1.50**	**J**	**2.40**	**D**	1.20	U	**3.80**	**D**	5.40	U
Ethyl Benzene	**2.10**	**D**	**1.10**	**D**	**8.60**	**D**	**1.80**	**D**	**20.0**	**D**	**3.50**	**D**	**7.30**	**D**	**13.0**	**D**
Hexachlorobutadiene	2.00	U	1.80	U	1.80	U	2.20	U	1.90	U	1.80	U	2.50	U	7.90	U
Isopropanol	**3.70**	**D**	**3.10**	**D**	**18.0**	**D**	**1.80**	**D**	**10.0**	**D**	**1.80**	**D**	**5.10**	**D**	**17.0**	**D**
Methyl Methacrylate	0.78	U	0.71	U	**0.82**	**D**	**0.83**	**J**	**4.30**	**D**	0.68	U	0.97	U	**3.00**	**J**
Methyl tert-butyl ether (MTBE)	0.69	U	0.62	U	0.60	U	0.73	U	**0.76**	**D**	0.60	U	**40.0**	**D**	2.70	U
Methylene chloride	**1.30**	**J**	**1.30**	**D**	**1.80**	**D**	**1.40**	**D**	**1.30**	**D**	**1.20**	**J**	**1.60**	**J**	**5.20**	**J**
n-Heptane	**6.60**	**D**	**28.0**	**D**	**8.60**	**D**	**1.20**	**D**	**38.0**	**D**	**1.90**	**D**	**35.0**	**D**	**13.0**	**D**
n-Hexane	**19.0**	**D**	**35.0**	**D**	**6.00**	**D**	**1.10**	**D**	**27.0**	**D**	**1.20**	**D**	**74.0**	**D**	**7.30**	**D**
o-Xylene	**1.90**	**D**	**1.60**	**D**	**14.0**	**D**	**2.50**	**D**	**26.0**	**D**	**5.50**	**D**	**9.40**	**D**	**21.0**	**D**
p- & m- Xylenes	**4.20**	**D**	**3.50**	**D**	**30.0**	**D**	**7.30**	**D**	**60.0**	**D**	**16.0**	**D**	**22.0**	**D**	**38.0**	**D**
p-Ethyltoluene	**0.94**	**J**	**1.40**	**D**	**26.0**	**D**	**5.10**	**D**	**40.0**	**D**	**9.60**	**D**	**13.0**	**D**	**18.0**	**D**
Propylene	**67.0**	**D**	**57.0**	**D**	**9.40**	**D**	**2.40**	**D**	**53.0**	**D**	**4.10**	**D**	**93.0**	**D**	**11.0**	**D**
Styrene	0.81	U	**0.74**	**D**	0.71	U	**0.86**	**J**	0.75	U	**0.71**	**J**	**1.20**	**D**	**3.80**	**D**
Tetrachloroethylene	**1.30**	**D**	**4.80**	**D**	**92.0**	**D**	**550**	**D**	**150.0**	**D**	**17.0**	**D**	**5.30**	**D**	**5.00**	**J**
Tetrahydrofuran	1.10	U	1.00	U	**2.10**	**D**	1.20	U	**9.20**	**D**	**0.98**	**J**	**13.0**	**D**	**4.40**	**J**
Toluene	**3.10**	**D**	**5.90**	**D**	**13.0**	**D**	**4.60**	**D**	**37.0**	**D**	**5.30**	**D**	**7.50**	**D**	**48.0**	**D**
trans-1,2-Dichloroethylene	0.76	U	0.69	U	**2.20**	**D**	0.80	U	0.70	U	0.66	U	0.94	U	2.90	U
trans-1,3-Dichloropropylene	0.87	U	0.79	U	0.76	U	0.92	U	0.80	U	0.75	U	1.10	U	3.40	U
Trichloroethylene	**0.51**	**D**	**0.47**	**D**	**21.0**	**D**	**240**	**D**	**2.60**	**D**	**0.71**	**D**	**2.50**	**D**	**2.00**	**D**
Trichlorofluoromethane (Freon 11)	1.10	U	0.97	U	**1.20**	**D**	**1.20**	**D**	**1.10**	**D**	**1.20**	**D**	1.30	U	4.20	U
Vinyl acetate	0.67	U	0.61	U	0.59	U	0.71	U	0.62	U	0.58	U	0.83	U	2.60	U
Vinyl bromide	0.84	U	0.76	U	0.73	U	0.88	U	0.77	U	0.73	U	1.00	U	3.20	U
Vinyl Chloride	0.24	U	0.22	U	**0.60**	**D**	0.26	U	0.23	U	**0.21**	**D**	0.30	U	0.95	U
Total BTEX	**13.0**		**15.1**		**67.8**		**17.9**		**152.1**		**31.7**		**49.0**		**132.0**	
Total VOCs	**279.4**		**220.3**		**373.4**		**851.4**		**672.0**		**109.7**		**575.3**		**2,141.7**	

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

NT=analyte is not target analyte for this sample

Table 5

NYSDOH Soil Vapor Decision Matrices

601-607 Union Street, Brooklyn

Sample ID	Sample Type	Matrix A				Matrix B			Matrix C	NYSDOH Decision Matrices [2]
		1,1-Dichloroethene	Carbon Tetrachloride	cis-1,2-dichloroethene	Trichloroethene	1,1,1-Trichloroethane	Methylene Chloride	Tetrachloroethene	Vinyl Chloride	
SV-1	Soil Vapor	ND	ND	ND	**0.51**	ND	**1.30**	**1.30**	ND	**No Further Action [3]**
SV-2	Soil Vapor	ND	ND	ND	**0.47**	ND	**1.30**	**4.80**	ND	**No Further Action**
SSB-1	Sub-Slab Vapor	ND	ND	**7.20**	**21.0**	ND	**1.80**	**92**	**0.60**	**No Further Action, Monitor [4], Mitigate [5]**
SSB-2	Sub-Slab Vapor	ND	ND	**0.40**	**240**	ND	**1.40**	**550**	ND	**Mitigate**
SSB-3	Sub-Slab Vapor	ND	ND	ND	**2.60**	ND	**1.30**	**150**	ND	**No Further Action, Monitor, Mitigate**
SSB-4	Sub-Slab Vapor	ND	**0.31**	ND	**0.71**	ND	**1.20**	**17.0**	**0.21**	**No Further Action**
SSB-5	Sub-Slab Vapor	ND	ND	ND	**2.50**	ND	**1.60**	**5.30**	ND	**No Further Action**
SSB-6	Sub-Slab Vapor	ND	ND	ND	**2.00**	ND	**5.20**	**5.00**	ND	**No Further Action**

Note:

(1) All the concentrations are reported in microgram per cubic meter (ug/m^3)

(2) The NYSDOH Decision Matrices are the May 2017 version. The concentration of each compound in each vapor sample may trigger different levels of actions and the action with the highest level will be listed as recommended by NYSDOH.

(3) No further action is recommended to address human exposure.

(5) NYSDOH recommends monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

(4) NYSDOH recommends mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporart measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Concentration of the analyte triggers the recommended action

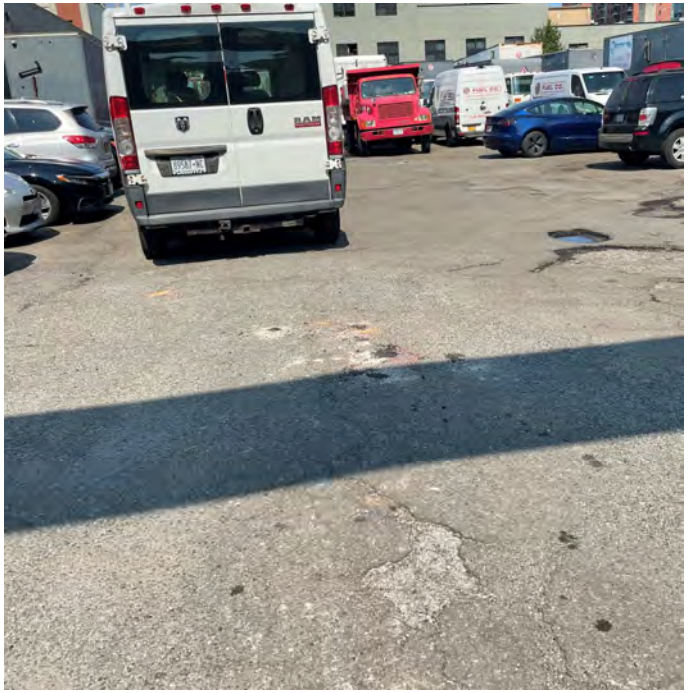
Appendices

Appendix A: Phase I ESA (Text Only)

Appendix B: Photographs

Subject Property

Indoors sampling area

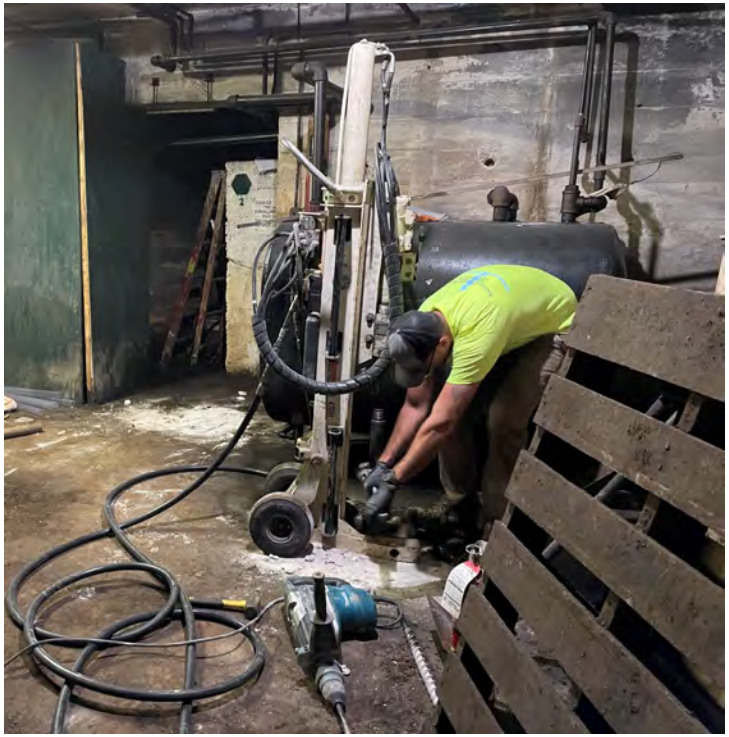


Outdoors sampling area

Staining under tank in basement

Basement sampling area

3,000-gallon tank in basement area



Hand auger for sample in the basement

Geoprobe for sampling of soil, water, and soil vapor

SP- 1 and SP-3

SP-2

SP- 4 and SP-5

SP-6

SP- 7

SP- 8

SP- 9

SP- 10 and SP-11

SP-12, SP-13, SP-14

SP-15

SP-16

SP-17

Helium Detector Test

Groundwater Sampling

Vapor Point Sampling

Appendix C: GPR Survey

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

10.25.2022

601 Union Street, Brooklyn, NY
Date of Investigation: 9/8/2022

Prepared for:

HydroTech Environmental Engineering and Geology, DPC
77 Arkay Drive, Suite K
Hauppauge, NY 11788

Prepared By:

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1.0 INTRODUCTION

On 9/7/2022 & 9/8/2022, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited geophysical investigation at 601 Union Street, Brooklyn, NY. The areas of interest included sections of the interior of the building on site, the partial basement of the building, and the asphalt parking lot along the side of the building. Surface conditions consisted of concrete and asphalt.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities within accessible areas throughout the property for the purposes of clearing soil boring locations.

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the

transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed in close proximity to the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel direct connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. The TW-6 was utilized to sweep accessible areas around the suspected UST location in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspected UST location was scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation (Not commonly used)
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Utility Locate

Coastal personnel conducted a utility locate within all accessible areas of concern. Within the partial basement, no utilities were detected. The asphalt parking lot was partially accessible between the parked oil trucks and the pooled water from heavy rain earlier in the week. The boring locations within the lot were cleared and Coastal did not identify any utilities within proximity to the boring locations. Within the building, Coastal identified and marked a series of drain lines (marked in green) as well as a possible UST covered by a heavy steel plate. The vent leading off

this possible tank was traced to a vertical pipe leading to the roof of the building. Boring locations around these findings were cleared.

Limitations

The effective depth of GPR penetration was limited to approximately 2 feet below the concrete within the building and 4 feet within the asphalt parking lot. The limiting factor was likely due to soil conductivity attenuating the GPR signal, shallow bedrock containing moisture, or non-conductive materials utilized for the utilities. The GPR and TW-6 is unable to be utilized within close proximity to parked vehicles and exterior walls. Multiple areas were inaccessible due to the presence of vehicles and large pools of water.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS

Photo 1 – Photo of the partial basement prior to drilling activities. Soil borings here were installed with the remote access Geoprobe seen above.

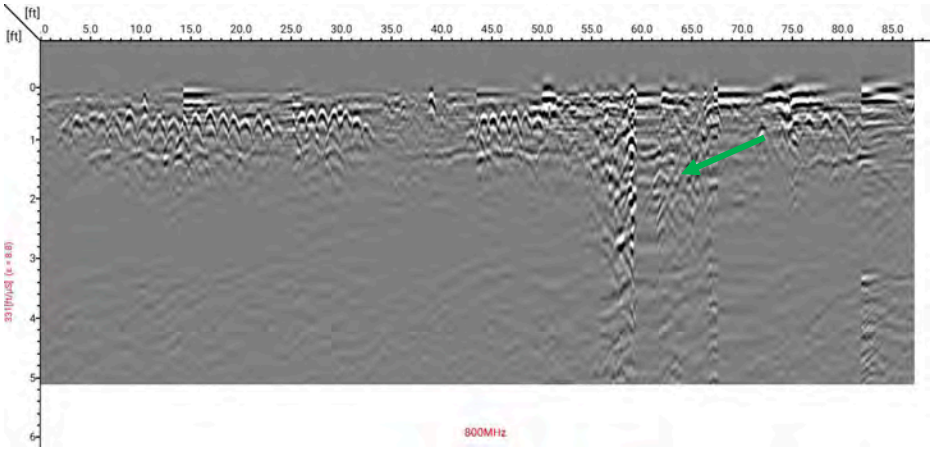

Photo 2 – GPR screenshot showing the reinforced concrete floor present. The GPR signal fails to return below the concrete slab at an approximate depth of 1.5-2 feet below grade. Floor drain lines were visible at approximately 1 feet below grade (green).

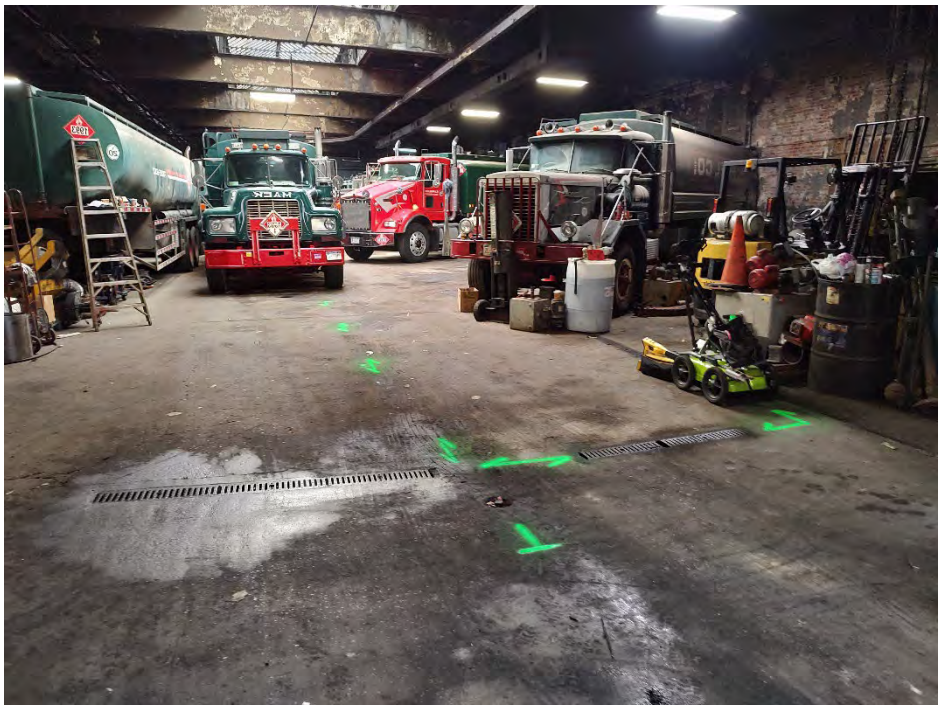

Photo 3 – Photo of the floor drains present in the area (marked in green) spanning the length of the building.

Photo 4 – Photo of the suspected UST location (left of the garage door) and the floor drains present in the area (marked in green).

Appendix D: Soil Boring Logs

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Soil Probe Log

Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-1			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.5 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and black silty sand with pebbles. No odor.
-2	0.0	SP	Black silty sand with pebbles. No odor.
-4	0.0	SP	Black silty sand with pebbles. No odor.
-6	0.0	SP	Black silty sand with pebbles. No odor.
-8	0.0	SP	Grey silty sand with gravel. Slight odor.
-10	0.0	SP	Grey silty sand with gravel. Moist. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-2			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and brown sand with brick pieces. No odor.
-2	0.0	SP	Brown sand with brick pieces. No odor.
-4	0.0	SP	Light brown silty sand. No odor.
-6	0.0	SP	Black and light brown silty sand. No odor.
-8	0.0	SP	Light brown sand. No odor.
-10	0.0	SP	Light brown sand. Moist. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval:	2 ft
				Sampling Method:	Grab
Boring No.:	SP-3			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.2 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and brown sand with small rocks. No odor.
-2	0.0	SP	Brown sand. No odor.
-4	0.0	SP	Brown sand. No odor.
-6	0.0	SP	Black silty sand. Slight odor.
-8	0.0	SP	Grey silty sand. No odor.
-10	0.0	SP	Grey silty sand. Moist. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-4			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and light brown sand with brick pieces and rocks. No odor.
-2	0.0	SP	Light brown sand with brick pieces and rocks. No odor.
-4	0.0	SP	Light brown sand with gravel. No odor.
-6	0.0	SP	Grey silty sand with rocks. No odor.
-8	0.0	SP	Black and grey silty sand. No odor.
-10	0.0	SP	Black silty sand. No odor. Moist.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-5			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.3 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and brown silty sand with brick pieces and rocks. No odor.
-2	0.0	SP	Light brown silty sand with brick pieces and rocks. No odor.
-4	0.0	SP	Light brown silty sand with brick pieces and rocks. No odor.
-6	0.0	SP	Brown silty sand with pebbles. No odor.
-8	0.0	SP	Black silty sand with pebbles. No odor.
-10	0.0	SP	Black silty sand with pebbles. Moist. No odor.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-6			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt and light brown silty sand with small rocks. No odor.
-2	0.0	SP	Light brown silty sand. No odor.
-4	0.0	SP	Light brown silty sand. No odor.
-6	0.0	SP	Light brown silty sand. No odor.
-8	0.0	SP	Brown silty sand. No odor.
-10	0.0	SP	Brown silty sand. No odor.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-7			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.7 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0		Basement area above slab. No sample.
-2	0.0		Basement area above slab. No sample.
-4	0.0		Basement area above slab. No sample.
-6	0.0		Basement area above slab. No sample.
-8	0.0		Basement area above slab. No sample.
	0.0	SP	Concrete and black and grey silty sand. No odor.
-10	0.0	SP	Black and grey silty sand. No odor. Moist.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-8			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.64 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0		Basement area above slab. No sample.
-2	0.0		Basement area above slab. No sample.
-4	0.0		Basement area above slab. No sample.
-6	0.0		Basement area above slab. No sample.
-8	0.0		Basement area above slab. No sample.
	0.0	SP	Concrete and light brown silty sand with rocks. No odor.
-10	0.0	SP	Light brown silty sand with rocks. Moist. No odor.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-9			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0		Basement area above slab. No sample.
-2	0.0		Basement area above slab. No sample.
-4	0.0		Basement area above slab. No sample.
-6	0.0		Basement area above slab. No sample.
-8	0.0		Basement area above slab. No sample.
	0.0	SP	Concrete and light brown silty sand with rocks. No odor.
-10	0.0	SP	Light brown silty sand with rocks. Moist. No odor.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-10			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	13.75 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and black silty sand with small rocks. No odor.
-2	5.6	SP	Black silty sand. No odor.
-4	229.3	SP	Black silty sand. No odor.
-6	368.8	SP	Black silty sand. No odor.
-8	428.1	SP	Black silty sand. No odor.
-10	122.5	SP	Black silty sand. Moist. No odor.
-12			

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Job No:	220058	Date:	09/07/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-11			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0 – -2	5.0	SP	Concrete and black silty sand with small rocks. No odor.
-2 – -4	10.3	SP	Black silty sand. No odor.
-4 – -6	46.7	SP	Black silty sand. No odor.
-6 – -8	56	SP	Black silty sand. No odor.
-8 – -10	98.4	SP	Black silty sand. No odor.
-10 – -12	465.1	SP	Black silty sand. No odor.

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Soil Probe Log

Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-12			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and grey silty sand. No odor.
-2	0.0	SP	Grey silty sand. No odor.
-4	0.0	SP	Grey silty sand. No odor.
-6	0.0	SP	Grey silty sand. No odor.
-8	0.0	SP	Grey silty sand. No odor.
-10	0.4	SP	Grey silty sand. Moist. No odor.
-12			

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Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-13			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	12.3 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and grey silty sand with pebbles, small rocks, and brick pieces. No odor.
-2	0.0	SP	Grey silty sand with rocks and pebbles. No odor.
-4	0.0	SP	Brown and grey silty sand with small rocks. No odor.
-6	0.0	SP	Brown and grey silty sand with small rocks. No odor.
-8	0.0	SP	Light brown silty sand. Moist. No odor.
-10	1.7	SP	Black and grey silty sand. Wet. No odor.
-12			

HydroTech Environmental
ENGINEERING AND GEOLOGY, DPC

NYC Office
231 West 29th Street, Suite 1104
New York, New York 10001

Long Island Office
77 Arkay Drive, Suite K
Hauppauge, New York 11788

Tel (631) 462-5866
Email: Info@ hydrotechenvironmental.com
WWW.HYDROTECHENVIRONMENTAL.COM

Soil Probe Log

Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-14			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and light brown sand with pebbles and small rocks. No odor.
-2	0.0	SP	Light brown sand with pebbles and small rocks. No odor.
-4	0.0	SP	Light brown sand with pebbles and small rocks. No odor.
-6	0.0	SP	Brown silty sand with pebbles and small rocks. No odor.
-8	0.0	SP	Black and grey silty sand. No odor.
-10	0.0	SP	Grey silty sand. Moist. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-15			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	12.73 ft
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and black, grey silty sand with small rocks and pebbles. No odor.
-2	0.0	SP	Black and grey silty sand. No odor.
-4	0.9	SP	Black and grey silty sand. No odor.
-6	1.2	SP	Black and grey silty sand. No odor.
-8	0.6	SP	Black and grey silty sand. Moist. No odor.
-10	0.7	SP	Black and grey silty sand. Wet. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval: Sampling Method:	2 ft Grab
Boring No.:	SP-16			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.3	SP	Concrete and black silty sand. No odor.
-2	0.3	SP	Black silty sand. No odor.
-4	0.5	SP	Black silty sand. No odor.
-6	0.5	SP	Black silty sand with small rocks. No odor.
-8	0.7	SP	Grey and brown silty sand. No odor.
-10	0.2	SP	Brown silty sand. No odor.
-12			

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Soil Probe Log

Job No:	220058	Date:	09/08/2022	Page:	1 of 1
Location:	601-607 Union Street Brooklyn, NY			Sampling Interval:	2 ft
				Sampling Method:	Grab
Boring No.:	SP-17			Driller:	Coastal Env.
Drilling Method:	Direct Push			Depth to Water:	N/A
Total Depth:	12 ft				

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete and black silty sand with small rocks. No odor.
-2	0.0	SP	Black silty sand. No odor.
-4	0.0	SP	Black silty sand. No odor.
-6	0.0	SP	Grey silty sand with gravel. No odor.
-8	0.0	SP	Grey and black silty sand. No odor.
-10	0.0	SP	Grey and black silty sand wtih gravel. No odor.
-12			

Appendix E: Air Sampling Logs

601-607 Union St

220058

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Weather Conditions during past 24-48 hrs:

Building Ventilation Conditions: garage doors open / basement house no ventilation

Source(s) of VOCs in Area:

9/9/22

Sample Coordinates																			
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation			Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum ("Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
			Date	Time	Depth							Start	Stop			Before	After		
SSB-1	9/9/22	AS				A2			18362	6		00	66	10:43	12:49	-30	-8		Dry Wind
SSB-2									23456					10:28	12:22	-30	-8		
SSB-3									10748					10:32	12:23	-30	-8		
SSB-4									24844					10:17	12:20	-30	-8		
SSB-5									18294					10:51	12:54	-30	-6		
SSB-6									24254					10:58	12:59	-30	-10		
SV-1									37803					10:49	12:49	-30	-6		Dry Wind Wind
SV-2									16691					10:42	12:50	-30	-8		

Air Matrix Codes:
AI - Indoor Air
AO- Outdoor Air
SV - Soil Vapor
SB - Sub-slab

Notes :

Appendix F: Well Construction Log & Well Monitoring and Sampling Log

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-1 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 21 ft Total Riser Length 9 feet
Total Screen Length 12 feet Depth to Water 13.5 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description	
2	PVC Riser			
4				
6				
8			0' - 9'	- 1" OD PVC Riser
10			8' - 9'	- Bentonite Seal/Concrete
12	PVC Screen 0.020"			
14			9' - 21'	-1" OD PVC Screen (0.020" slot)
16				- #2 Morie Sand
18				
20				

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-2 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 20 ft Total Riser Length 9 feet
Total Screen Length 10 feet Depth to Water 13.2 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2	PVC Riser		
4			
6			
8			0' - 9' - 1" OD PVC Riser
			8' - 9' - Bentonite Seal/Concrete
10	PVC Screen 0.020"		
12			
14			
16			9' - 20' -1" OD PVC Screen (0.020" slot)
18			- #2 Morie Sand
20			

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-3 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 20 ft Total Riser Length 9 feet
Total Screen Length 10 feet Depth to Water 13.3 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2	PVC Riser		
4			
6			
8			0' - 9' - 1" OD PVC Riser
10			8' - 9' - Bentonite Seal/Concrete
12	PVC Screen 0.020"		
14			
16			
18			9' - 20' -1" OD PVC Screen (0.020" slot) - #2 Morie Sand
20			

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-4 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 10 ft Total Riser Length 4 feet
Total Screen Length 6 feet Depth to Water 4.7 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description	
2	PVC Riser			
			0' - 4'	- 1" OD PVC Riser
4			3' - 4'	- Bentonite Seal/Concrete
6	PVC Screen 0.020"			
8			4' - 10'	-1" OD PVC Screen (0.020" slot)
				- #2 Morie Sand
10				

HYDRO TECH ENVIRONMENTAL

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WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-5 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 9 ft Total Riser Length 4 feet
Total Screen Length 5 feet Depth to Water 4.64 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description	
2	PVC Riser			
			0' - 4'	- 1" OD PVC Riser
4			3' - 4'	- Bentonite Seal/Concrete
6	PVC Screen 0.020"			
			4' - 9'	-1" OD PVC Screen (0.020" slot)
8				- #2 Morie Sand

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-6 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 19 ft Total Riser Length 10 feet
Total Screen Length 9 feet Depth to Water 13.75 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2	PVC Riser		
4			
6			
8			0' - 10' - 1" OD PVC Riser
			9' - 10' - Bentonite Seal/Concrete
10	PVC Screen 0.020"		
12			
14			
16			10' - 19' -1" OD PVC Screen (0.020" slot)
			- #2 Morie Sand
18			

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-7 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 21 ft Total Riser Length 10 feet
Total Screen Length 11 feet Depth to Water 12.3 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2	PVC Riser		
4			
6			
8			0' - 10' - 1" OD PVC Riser
			9' - 10' - Bentonite Seal/Concrete
10	PVC Screen 0.020"		
12			
14			
16			
18			10' - 21' -1" OD PVC Screen (0.020" slot)
			- #2 Morie Sand
20			

HYDRO TECH ENVIRONMENTAL

77 Arkay Drive, Suite G
Hauppauge, New York 11788

WELL CONSTRUCTION LOG

Project 220058 Date September 30, 2022

Client Avdoo & Partners Development
221West 37th Street, 5th Floor
New York, NY 10018

Location 601-607 Union Street
Brooklyn, NY

Well No. MW-8 Sample Method N/A

Drilling Method Direct Push Driller Brandon

Total Depth 20 ft Total Riser Length 10 feet
Total Screen Length 10 feet Depth to Water 12.73 feet

	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2	PVC Riser		
4			
6			
8			0' - 10' - 1" OD PVC Riser
			9' - 10' - Bentonite Seal/Concrete
10	PVC Screen 0.020"		
12			
14			
16			10' - 20' -1" OD PVC Screen (0.020" slot) - #2 Morie Sand
18			
20			

HydroTech Environmental
ENGINEERING AND GEOLOGY, DPC

WELL MONITORING LOG SHEET

Project Name: 220058 | Date: 09/08/22

Client: Avdoo & Partners Development | Instrument: Interface Probe

Site Location: 601-607 Union Street, Brooklyn, NY | Spill No.: _____

Monitoring Schedule: Monthly : _____ Quartely : _____ Bi-Annually :_____

Legend

S = Snow D = Dry G = Gone C = Can't Locate
DTW = Depth to Water DTP = Depth to Product PT = Product Thickness ND = None Detected

Monitoring Well	D.T.P.	D.T.W.	P.T.
MW-1	ND	13.5 ft	
MW-2	ND	13.2 ft	
MW-3	ND	13.3 ft	
MW-4	ND	4.7 ft	
MW-5	ND	4.64 ft	
MW-6	ND	13.75 ft	
MW-7	ND	12.3 ft	
MW-8	ND	12.73	

Notes: All measurements in feet, below the nortnern top of well casing
Notes:

Reported By:

Ammarah Zaidi

Appendix G: NYSDOH Questionnaire

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Ammarah Zaidi Date/Time Prepared 9/9/22

Preparer's Affiliation Env. Engineer Phone No. (631) 307-6487

Purpose of Investigation Phase II Investigation

1. OCCUPANT: S.J. Fuel + Co

Interviewed: Y / (N)

Last Name: — First Name: —

Address: 601 Union Street, Brooklyn, NY 11215

County: Kings

Home Phone: (718)855-6060 Office Phone: —

Number of Occupants/persons at this location ~5 Age of Occupants —

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: Avdoo First Name: Shlomi

Address: 221 West 37th Street

County: Manhattan

Home Phone: — Office Phone: —

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: ___

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? ___—___

If the property is commercial, type?

Business Type(s) Fueling Company

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 2 Building age 72

Is the building insulated? Y / (N) How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

passive

Outdoor air infiltration

open gates

Infiltration into air ducts

N/A

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	(concrete)	stone	brick
b. Basement type:	full	crawlspace	(slab)	other _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	(covered)	covered with _____	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	(poured)	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	(Y) / N			
k. Water in sump?	(Y) / N / not applicable			

Basement/Lowest level depth below grade: 8 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Cracks in slab floor; drains/sump in basement

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply) None

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	(Fuel Oil)	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: fuel

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other _____
Air conditioning:	Central Air	Window units	(Open Windows)	None

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	tanks
1st Floor	garage / parking /
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y / (N) / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? Garage, court / trades

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type?_____

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? (Y) / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Auto mechanic, fuel oil delivery.

If yes, are their clothes washed at work? Y / (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply:	(Public Water)	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	(Public Sewer)	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

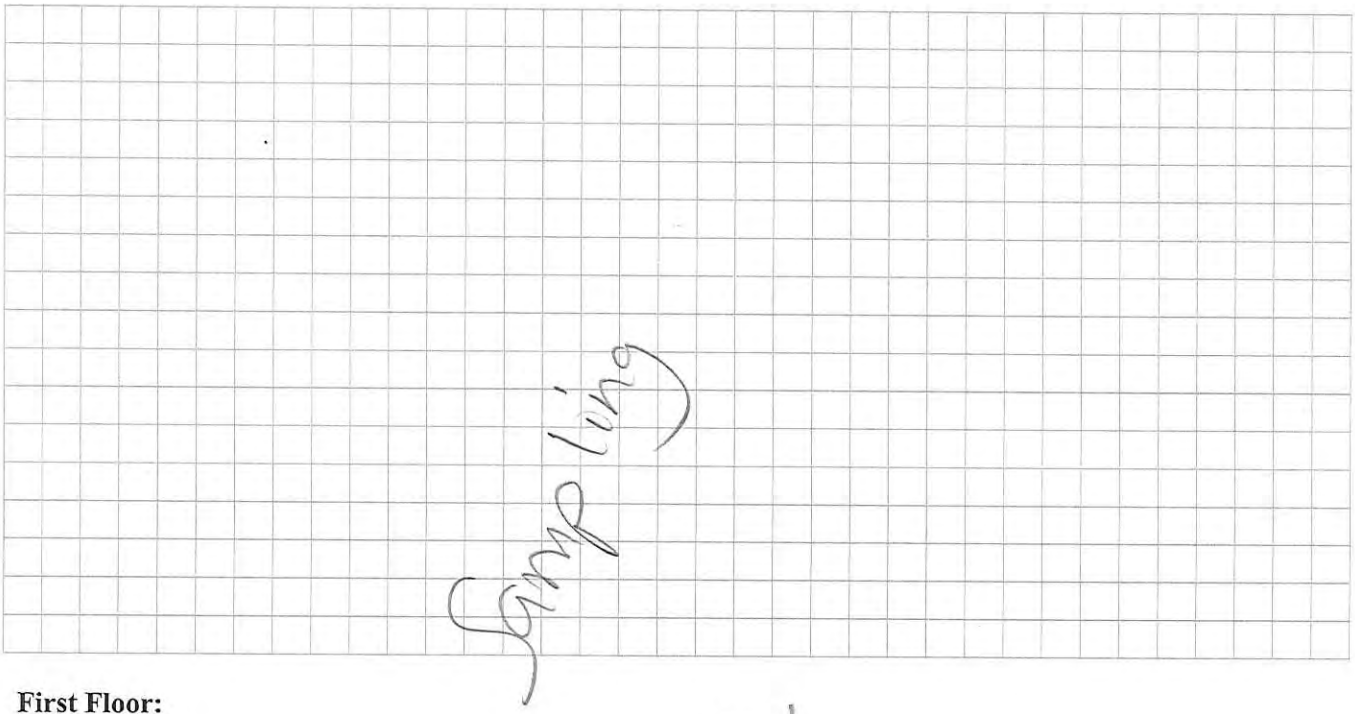
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

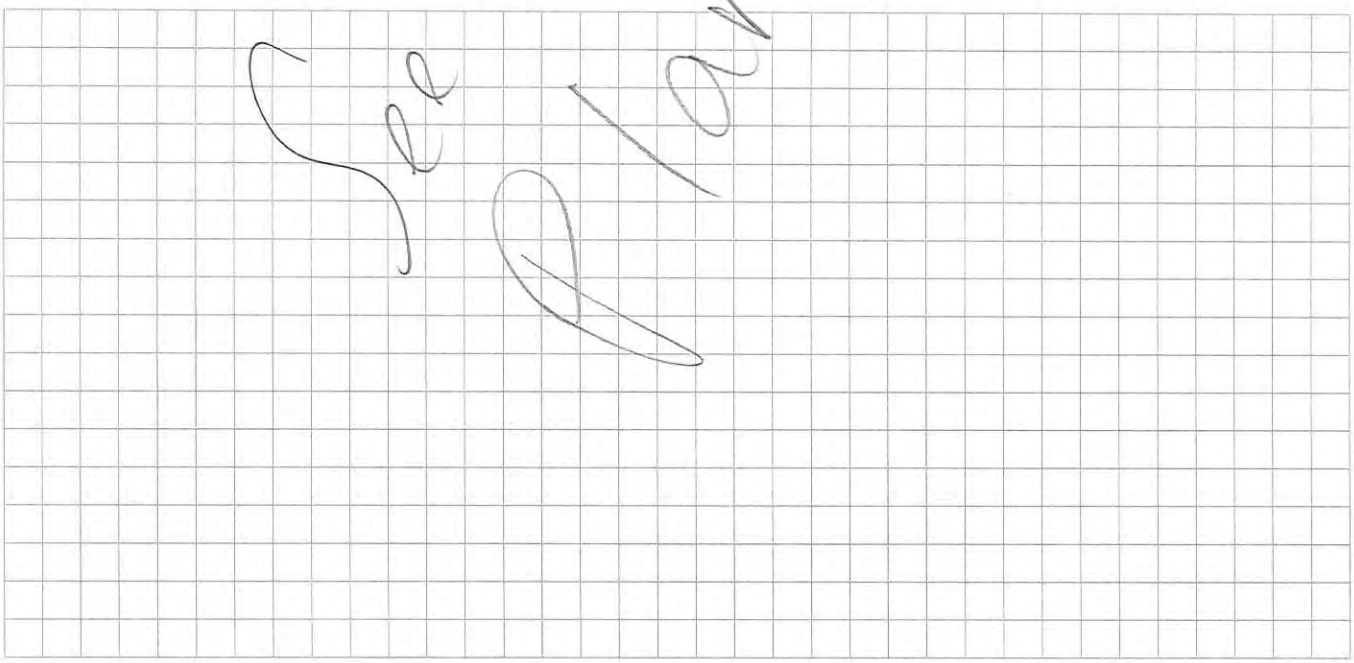
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



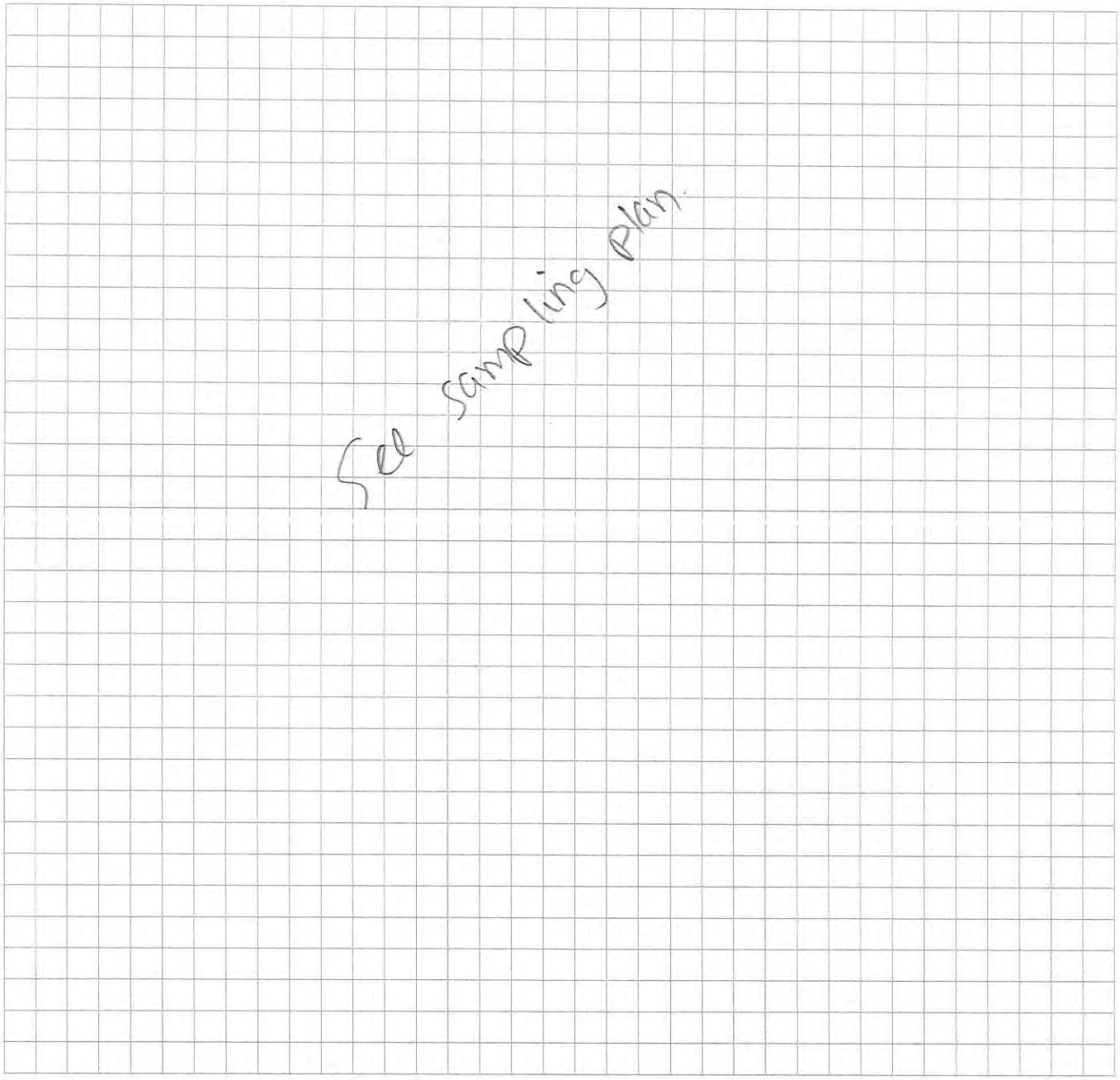
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini Rae 3,000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
basement	Gas tank	3000	AST	fuel grade #2	0.0	y
1st Floor	fuel oil for trucks	-	-	fuel	0.2	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix H: Lab Reports

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Report Date: 09/26/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0332

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
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Report Date: 09/26/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0332

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 07, 2022 and listed below. The project was identified as your project: **220058 601-607 Union St., Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

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

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

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22I0332-01	SP-1 (8-10)	Soil	09/07/2022	09/07/2022
22I0332-02	SP-2 (8-10)	Soil	09/07/2022	09/07/2022
22I0332-03	SP-3 (10-12)	Soil	09/07/2022	09/07/2022
22I0332-04	SP-4 (4-6)	Soil	09/07/2022	09/07/2022
22I0332-05	SP-5 (6-8)	Soil	09/07/2022	09/07/2022
22I0332-06	SP-6 (2-4)	Soil	09/07/2022	09/07/2022
22I0332-07	SP-7 (0-2)	Soil	09/07/2022	09/07/2022
22I0332-08	SP-8 (1-3)	Soil	09/07/2022	09/07/2022
22I0332-09	SP-9 (1-3)	Soil	09/07/2022	09/07/2022
22I0332-10	SP-10 (8-10)	Soil	09/07/2022	09/07/2022
22I0332-11	SP-11 (10-12)	Soil	09/07/2022	09/07/2022

General Notes for York Project (SDG) No.: 22I0332

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

Approved By: **Date:** 09/26/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	5400	11000	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	540	1100	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	540	1100	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	**Ethyl Benzene**	**480**	J	ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**5100**		ug/kg dry	540	1100	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	540	1100	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	270	540	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	800	1600	100	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 18:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.5 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*			*76-130*						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
91-57-6	**2-Methylnaphthalene**	**1.14**		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
83-32-9	**Acenaphthene**	**1.47**		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
208-96-8	**Acenaphthylene**	**0.906**		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**2.44**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**3.79**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.85**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.25**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.07**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**2.34**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1.39**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**3.72**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.450**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**1.53**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**8.07**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**2.52**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.13**		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
91-20-3	**Naphthalene**	**3.52**		mg/kg dry	0.243	0.484	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 23:29	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 09:41	KH
85-01-8	**Phenanthrene**	**12.7**		mg/kg dry	0.243	0.484	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 23:29	KH
129-00-0	**Pyrene**	**8.09**		mg/kg dry	0.243	0.484	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 23:29	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.6 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 18:39	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **SP-1 (8-10)** **York Sample ID:** **22I0332-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:27	WEL

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	*84.8 %*			*25-150*					
	Surrogate: M5PFHxA	*83.7 %*			*25-150*					
	Surrogate: M4PFHpA	*81.6 %*			*25-150*					
	Surrogate: M3PFHxS	*98.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.7 %*			*25-150*					
	Surrogate: M6PFDA	*95.3 %*			*25-150*					
	Surrogate: M7PFUdA	*68.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.1 %*			*25-150*					
	Surrogate: M2PFTeDA	*57.6 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*117 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*115 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*73.0 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*88.4 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*107 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*295 %*	PFSu-H		*25-200*					
	Surrogate: M2-8:2 FTS	*250 %*	PFSu-H		*25-200*					
	Surrogate: M9PFNA	*88.8 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 02:49	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12789-03-6	Chlordane, total	ND		ug/kg dry	38.6	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 02:49	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 02:49	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	9.65	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	97.6	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 02:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 21:38	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 21:38	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 21:38	BJ

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:27	09/21/2022 21:38	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:27	09/21/2022 21:38	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:27	09/21/2022 21:38	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:27	09/21/2022 21:38	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	09/20/2022 08:27	09/21/2022 21:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-36-0	**Antimony**	**4.36**		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-39-3	**Barium**	**110**		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.356	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-70-2	**Calcium**	**2880**		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-47-3	**Chromium**	**16.7**		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-48-4	**Cobalt**	**7.63**		mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7440-50-8	**Copper**	**26.3**		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7439-89-6	**Iron**	**14100**		mg/kg dry	29.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7439-92-1	**Lead**	**196**		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL
7439-95-4	**Magnesium**	**2220**		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 13:54	09/16/2022 17:14	AJL

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**195**		mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**21.1**		mg/kg dry	1.19	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.93	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	59.3	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.4**		mg/kg dry	1.19	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**62.3**		mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.29**		mg/kg dry	0.0356	1	EPA 7473	09/23/2022 09:55	09/23/2022 11:48	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	Acetone	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-02-8	Acrolein	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**110**		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 11:56	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 11:56	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH	09/14/2022 11:56	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 11:56	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 11:56	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 11:56	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 11:56	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:12	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:12	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:12	KH
121-14-2	**2,4-Dinitrotoluene**	**0.961**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
606-20-2	**2,6-Dinitrotoluene**	**0.0852**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
91-57-6	**2-Methylnaphthalene**	**0.310**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:12	KH

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	**4-Bromophenyl phenyl ether**	**0.0521**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	**4-Chloroaniline**	**0.171**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.836**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0930**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**1.46**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**2.98**		mg/kg dry	0.221	0.441	10	EPA 8270D Certifications:	09/20/2022 08:30	09/22/2022 00:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**2.69**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**2.49**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.49**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**2.21**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.720**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**3.16**		mg/kg dry	0.221	0.441	10	EPA 8270D Certifications:	09/20/2022 08:30	09/22/2022 00:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.494**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 10:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**0.518**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	**Dimethyl phthalate**	**0.383**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**8.06**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.740**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	**Hexachloroethane**	**0.0451**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.41**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	**Isophorone**	**0.370**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.530**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	**N-nitroso-di-n-propylamine**	**0.139**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	**N-Nitrosodiphenylamine**	**0.453**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**7.76**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**6.14**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.2 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*106 %*	*24-116*

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 18:57	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*70.3 %*	*25-150*
Surrogate: M5PFHxA	*80.4 %*	*25-150*
Surrogate: M4PFHpA	*72.7 %*	*25-150*
Surrogate: M3PFHxS	*82.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*	*25-150*
Surrogate: M6PFDA	*74.3 %*	*25-150*
Surrogate: M7PFUdA	*63.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*59.3 %*	*25-150*
Surrogate: M2PFTeDA	*57.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*91.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*60.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*66.6 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*76.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*68.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*66.1 %*	*25-200*
Surrogate: M2-8:2 FTS	*107 %*	*25-200*
Surrogate: M9PFNA	*80.3 %*	*25-150*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 03:07	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	34.7	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 03:07	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 03:07	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.67	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	87.7	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.3 %*	*30-150*

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12700**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.55**		mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**108**		mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**31500**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**19.6**		mg/kg dry	0.423	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**14.9**		mg/kg dry	2.12	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19800**		mg/kg dry	26.4	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.5**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8600**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**193**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**48.5**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6830**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**1.15**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**194**		mg/kg dry	52.9	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.5**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**56.8**		mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.655**		mg/kg dry	0.0317	1	EPA 7473	09/23/2022 09:55	09/23/2022 11:58	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	22.0		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.5		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	88	180	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**22**	ICVE	ug/kg dry	8.8	18	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-00-3	Chloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-66-3	Chloroform	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-87-3	Chloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	**Methyl acetate**	**16**		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**35**		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
108-88-3	Toluene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH	09/13/2022 19:36	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 19:36	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/13/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/13/2022 19:36	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:44	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:44	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 10:44	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
62-53-3	Aniline	ND		mg/kg dry	0.209	0.419	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
56-55-3	**Benzo(a)anthracene**	**0.0761**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
50-32-8	**Benzo(a)pyrene**	**0.0661**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0527**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 10:44	KH

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
218-01-9	**Chrysene**	**0.0753**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
206-44-0	**Fluoranthene**	**0.155**		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH
85-01-8	**Phenanthrene**	**0.0619**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**0.127**		mg/kg dry	0.0524	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 10:44	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 19:14	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:53	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*134 %*		*25-150*
Surrogate: M5PFHxA	*81.9 %*		*25-150*
Surrogate: M4PFHpA	*65.3 %*		*25-150*
Surrogate: M3PFHxS	*129 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*		*25-150*
Surrogate: M6PFDA	*96.5 %*		*25-150*
Surrogate: M7PFUdA	*87.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*93.1 %*		*25-150*
Surrogate: M2PFTeDA	*101 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*164 %*	PFSu-H	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*130 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*134 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*73.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*86.3 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*97.9 %*		*25-150*

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2-6:2 FTS	*422 %*	PFSu-H		*25-200*					
	Surrogate: M2-8:2 FTS	*380 %*	PFSu-H		*25-200*					
	Surrogate: M9PFNA	*87.8 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
309-00-2	Aldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 03:25	BJ
319-85-7	beta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	41.5	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
319-86-8	delta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
60-57-1	Dieldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 03:25	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
72-20-8	Endrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 03:25	BJ
76-44-8	Heptachlor	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	105	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 03:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:11	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27	09/21/2022 22:11	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8200**		mg/kg dry	6.32	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 14:47	AJL
7440-36-0	Antimony	ND		mg/kg dry	3.16	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 14:47	AJL

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**21.9**		mg/kg dry	1.90	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**208**		mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.583**		mg/kg dry	0.379	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**14200**	B	mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.74**		mg/kg dry	0.506	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**32.9**		mg/kg dry	2.53	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11100**		mg/kg dry	31.6	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**1560**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2920**		mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**246**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**24.9**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1210**		mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**0.685**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	63.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.1**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**496**		mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.510**		mg/kg dry	0.0379	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:07	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.632	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.1**		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	Acetone	ND	ICVE	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**21**		ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SP-4 (4-6)** **York Sample ID:** **22I0332-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 NELAC-NY10854,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 NELAC-NY10854,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.228**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0648**	J	mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.211	0.421	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.569**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1.40**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**1.26**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**1.01**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.614**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.950**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.149**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.38**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.203**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.108**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.00**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.223**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.581**		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0681**	J	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH
85-01-8	**Phenanthrene**	**2.40**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH
129-00-0	**Pyrene**	**2.80**		mg/kg dry	0.0527	0.105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:15	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*115 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*101 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*122 %*	S-08	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 19:31	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**1.62**		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.315	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:06	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*77.8 %*	*25-150*
Surrogate: M5PFHxA	*75.7 %*	*25-150*
Surrogate: M4PFHpA	*71.8 %*	*25-150*
Surrogate: M3PFHxS	*84.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*	*25-150*
Surrogate: M6PFDA	*70.4 %*	*25-150*
Surrogate: M7PFUdA	*53.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*62.1 %*	*25-150*
Surrogate: M2PFTeDA	*63.8 %*	*10-150*

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.1 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*59.9 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*60.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*55.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*75.6 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*97.8 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*123 %*		*25-200*						
	Surrogate: M9PFNA	*70.7 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
309-00-2	Aldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 04:19	BJ
319-85-7	beta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	41.5	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
319-86-8	delta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
60-57-1	Dieldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 04:19	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 04:19	BJ
76-44-8	Heptachlor	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	105	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:24	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:27	09/21/2022 22:24	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-140*

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13900**		mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**5.90**		mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**14.3**		mg/kg dry	1.89	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**214**		mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.383**		mg/kg dry	0.379	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**6860**	B	mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**30.7**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**14.4**		mg/kg dry	0.505	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**139**		mg/kg dry	2.52	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**27700**		mg/kg dry	31.5	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**743**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7450**		mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**374**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**76.3**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3070**		mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**7.08**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	63.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**42.2**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**249**		mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.10**		mg/kg dry	0.0379	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:17	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.631	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**30.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.3**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	Acetone	ND	ICVE	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**40**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	09/13/2022 09:00	09/13/2022 20:30	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*			*76-130*						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 NELAC-NY10854,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 NELAC-NY10854,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH NELAC-NY10854,NJDEP,PADEP
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 11:46	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 11:46	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.9 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 19:48	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:19	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*68.0 %*	*25-150*
Surrogate: M5PFHxA	*79.8 %*	*25-150*
Surrogate: M4PFHpA	*84.9 %*	*25-150*
Surrogate: M3PFHxS	*81.1 %*	*25-150*

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*98.3 %*		*25-150*						
	Surrogate: M6PFDA	*84.8 %*		*25-150*						
	Surrogate: M7PFUdA	*62.5 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*61.2 %*		*25-150*						
	Surrogate: M2PFTeDA	*65.1 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*93.3 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.5 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.7 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.9 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*70.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*76.5 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*54.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*88.9 %*		*25-200*						
	Surrogate: M9PFNA	*85.0 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 04:37	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	34.4	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 04:37	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 04:37	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.61	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	87.1	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:37	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 22:38	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	09/20/2022 08:27	09/21/2022 22:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	5.31	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.65	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-38-2	**Arsenic**	**6.98**		mg/kg dry	1.59	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-39-3	**Barium**	**80.7**		mg/kg dry	2.65	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-70-2	**Calcium**	**48900**	B	mg/kg dry	5.31	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-47-3	**Chromium**	**22.1**		mg/kg dry	0.531	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-48-4	**Cobalt**	**9.07**		mg/kg dry	0.425	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7440-50-8	**Copper**	**23.7**		mg/kg dry	2.12	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7439-89-6	**Iron**	**16100**		mg/kg dry	26.5	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7439-92-1	**Lead**	**27.2**		mg/kg dry	0.531	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7439-95-4	**Magnesium**	**17600**		mg/kg dry	5.31	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL
7439-96-5	**Manganese**	**1130**		mg/kg dry	0.531	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:03	AJL

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**46.5**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2300**		mg/kg dry	5.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**0.666**		mg/kg dry	0.531	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**322**		mg/kg dry	53.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.0**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**59.8**		mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0402**		mg/kg dry	0.0319	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:29	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.531	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.1**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.2		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	260	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**84**		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	20	39	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 13:44	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH NELAC-NY10854,PADEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH NELAC-NY10854,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH NELAC-NY10854,PADEP
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	**2-Methylnaphthalene**	**0.0787**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
83-32-9	**Acenaphthene**	**0.0916**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
208-96-8	**Acenaphthylene**	**0.263**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
120-12-7	**Anthracene**	**0.118**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
56-55-3	**Benzo(a)anthracene**	**0.771**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
50-32-8	**Benzo(a)pyrene**	**1.43**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
205-99-2	**Benzo(b)fluoranthene**	**0.683**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.04**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
207-08-9	**Benzo(k)fluoranthene**	**0.841**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
218-01-9	**Chrysene**	**0.727**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.163**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 12:18	KH

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.829**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.0481**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.624**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.408**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1.68**		mg/kg dry	0.0479	0.0955	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.4 %*	*24-116*

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 20:05	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.358**		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.305**		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.308**		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.281	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:31	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*131 %*		*25-150*
Surrogate: M5PFHxA	*93.6 %*		*25-150*
Surrogate: M4PFHpA	*93.6 %*		*25-150*
Surrogate: M3PFHxS	*134 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*110 %*		*25-150*
Surrogate: M6PFDA	*93.1 %*		*25-150*
Surrogate: M7PFUdA	*89.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*85.7 %*		*25-150*
Surrogate: M2PFTeDA	*87.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*163 %*	PFSu-H	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*128 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*103 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*102 %*		*25-150*
Surrogate: M2-6:2 FTS	*401 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*388 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*100 %*		*25-150*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
309-00-2	Aldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 17:01	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	38.1	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854	09/22/2022 17:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
72-20-8	Endrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 NELAC-NY10854,NJDEP	09/22/2022 17:01	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.53	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.5	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 17:01	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.2 %*	*30-150*

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6970**		mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**13.3**		mg/kg dry	1.76	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**4910**		mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**2.11**		mg/kg dry	0.352	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**69700**	B	mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.811**		mg/kg dry	0.470	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**22.6**		mg/kg dry	2.35	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12800**		mg/kg dry	29.4	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2400**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10300**		mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**548**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**23.5**		mg/kg dry	1.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1550**		mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**0.680**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	58.7	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**3.28**		mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**2980**		mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.395**		mg/kg dry	0.0352	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:39	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.587	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.4		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	**2-Butanone**	**3.5**	J	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	**Acetone**	**11**	ICVE	ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**14**		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH	09/14/2022 14:12	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 14:12	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	09/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 14:12	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 12:49	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 12:49	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 12:49	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,PADEP	09/21/2022 12:49	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 12:49	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 12:49	KH

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.0598**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0565**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.208	0.416	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0639**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.191**		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.252**		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.228**		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.127**		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 12:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.0573**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.339**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0581**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.875**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0988**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.130**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.112**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.787**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.712**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.6 %*		*21-113*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.4 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 20:40	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*		*39-127.5*						

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL

Sample Information

Client Sample ID: **SP-7 (0-2)** **York Sample ID:** **22I0332-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 22:44	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*76.7 %*		*25-150*
Surrogate: M5PFHxA	*74.2 %*		*25-150*
Surrogate: M4PFHpA	*76.4 %*		*25-150*
Surrogate: M3PFHxS	*92.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*97.0 %*		*25-150*
Surrogate: M6PFDA	*66.2 %*		*25-150*
Surrogate: M7PFUdA	*47.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*37.3 %*		*25-150*
Surrogate: M2PFTeDA	*33.9 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*51.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*51.9 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*57.5 %*		*25-150*
Surrogate: M2-6:2 FTS	*208 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*183 %*		*25-200*

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*70.5 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
309-00-2	Aldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/20/2022 08:27	09/22/2022 04:55	BJ
319-85-7	beta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	41.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
319-86-8	delta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
60-57-1	Dieldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	09/20/2022 08:27	09/22/2022 04:55	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
72-20-8	Endrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/20/2022 08:27	09/22/2022 04:55	BJ
76-44-8	Heptachlor	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:27	09/22/2022 04:55	BJ

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:55	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	104	5	EPA 8081B Certifications:	09/20/2022 08:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 04:55	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 23:05	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	09/20/2022 08:27	09/21/2022 23:05	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6710**		mg/kg dry	6.33	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:07	AJL
7440-36-0	Antimony	ND		mg/kg dry	3.17	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:07	AJL
7440-38-2	**Arsenic**	**106**		mg/kg dry	1.90	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:07	AJL

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**1090**		mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.380	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**25600**	B	mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**49.6**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.80**		mg/kg dry	0.507	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**102**		mg/kg dry	2.53	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14100**		mg/kg dry	31.7	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1690**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2150**		mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**180**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.7**		mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1080**		mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**1.28**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	63.3	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**470**		mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.58**		mg/kg dry	0.0380	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:48	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.633	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**49.6**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.0**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	71	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	Acetone	ND	ICVE	ug/kg dry	3.6	7.1	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**36**		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 14:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*76-130*

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 NELAC-NY10854,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 NELAC-NY10854,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.163**		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	09/20/2022 08:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 13:19	KH

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH
85-01-8	**Phenanthrene**	**0.0519**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH
129-00-0	**Pyrene**	**0.0626**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:19	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 20:58	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL

Sample Information

Client Sample ID: **SP-8 (1-3)** **York Sample ID:** **22I0332-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**9.84**		ug/kg dry	6.81	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:39	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*72.8 %*	*25-150*
Surrogate: M5PFHxA	*86.5 %*	*25-150*
Surrogate: M4PFHpA	*101 %*	*25-150*
Surrogate: M3PFHxS	*93.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*117 %*	*25-150*
Surrogate: M6PFDA	*25.6 %*	*25-150*
Surrogate: M7PFUdA	*59.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.5 %*	*25-150*
Surrogate: M2PFTeDA	*66.1 %*	*10-150*

Sample Information

Client Sample ID: **SP-8 (1-3)** **York Sample ID:** **22I0332-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.2 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.5 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*70.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*78.6 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*107 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*97.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*140 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*171 %*		*25-200*						
	Surrogate: M9PFNA	*41.7 %*		*25-150*						

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 NELAC-NY10854,NJDEP	09/22/2022 05:14	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	35.0	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854	09/22/2022 05:14	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 NELAC-NY10854,NJDEP	09/22/2022 05:14	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.76	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	88.7	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:14	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:33	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	09/20/2022 08:21	09/22/2022 06:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-140*

Sample Information

Client Sample ID: **SP-8 (1-3)** **York Sample ID:** **22I0332-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2110**		mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.23**		mg/kg dry	1.64	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**81.3**		mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**5950**	B	mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**3.30**		mg/kg dry	0.436	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**26.8**		mg/kg dry	2.18	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**4750**		mg/kg dry	27.3	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**78.6**		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**618**		mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**45.7**		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**70.7**		mg/kg dry	1.09	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**688**		mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**459**		mg/kg dry	54.5	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**3.43**		mg/kg dry	1.13	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**638**		mg/kg dry	1.09	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**118**		mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0900**		mg/kg dry	0.0327	1	EPA 7473	09/23/2022 09:55	09/23/2022 13:01	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.3**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	**Acetone**	**7.9**	ICVE, J	ug/kg dry	5.6	11	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**13**		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	09/14/2022 09:00	09/14/2022 15:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*125 %*			*76-130*						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 NELAC-NY10854,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 NELAC-NY10854,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	09/20/2022 08:30	09/21/2022 13:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.356**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.53**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.32**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.05**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.33**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.157**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.466**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.343**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.01**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH
129-00-0	**Pyrene**	**0.197**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:30	09/21/2022 13:50	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.3 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*104 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 21:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	8.10	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 13:52	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.0 %*	*25-150*
Surrogate: M5PFHxA	*85.8 %*	*25-150*
Surrogate: M4PFHpA	*92.8 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.7 %*		*25-150*						
	Surrogate: M6PFDA	*80.0 %*		*25-150*						
	Surrogate: M7PFUdA	*90.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*56.6 %*		*25-150*						
	Surrogate: M2PFTeDA	*59.1 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.7 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.8 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.7 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*64.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*104 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*42.5 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*39.3 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*120 %*		*25-200*						
	Surrogate: M9PFNA	*75.3 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	41.6	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854	09/22/2022 05:32	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
72-20-8	Endrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 NELAC-NY10854,NJDEP	09/22/2022 05:32	BJ
76-44-8	Heptachlor	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	105	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:46	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:46	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:46	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:46	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 06:46	BJ

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:46	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:46	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	09/20/2022 08:21	09/22/2022 06:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-36-0	**Antimony**	**36.9**		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-38-2	**Arsenic**	**43.2**		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-39-3	**Barium**	**550**		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-41-7	**Beryllium**	**0.106**		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.390	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-70-2	**Calcium**	**15000**	B	mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-47-3	**Chromium**	**109**		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-48-4	**Cobalt**	**24.6**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7440-50-8	**Copper**	**181**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7439-89-6	**Iron**	**185000**		mg/kg dry	3250	100	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 20:20	AJL
7439-92-1	**Lead**	**688**		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7439-95-4	**Magnesium**	**11600**		mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL
7439-96-5	**Manganese**	**792**		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 14:01	09/19/2022 15:12	AJL

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**451**		mg/kg dry	1.30	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2480**		mg/kg dry	6.49	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.649	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**862**		mg/kg dry	64.9	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**12.9**		mg/kg dry	1.35	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**3470**		mg/kg dry	1.30	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**425**		mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**47.1**		mg/kg dry	0.0390	1	EPA 7473	09/23/2022 09:55	09/23/2022 13:50	MR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.649	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**109**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.0**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	**1,2,4-Trimethylbenzene**	**3700**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	**1,2-Dichlorobenzene**	**270**	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: **SP-10 (8-10)** **York Sample ID:** **22I0332-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
108-67-8	**1,3,5-Trimethylbenzene**	**570**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
106-46-7	**1,4-Dichlorobenzene**	**970**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	5000	10000	100	EPA 8260C Certifications:	09/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
78-93-3	2-Butanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
67-64-1	Acetone	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
107-02-8	Acrolein	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
71-43-2	Benzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-25-2	Bromoform	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
74-83-9	Bromomethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
108-90-7	**Chlorobenzene**	**490**	J	ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-00-3	Chloroethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
67-66-3	Chloroform	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
74-87-3	Chloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	**Isopropylbenzene**	**2200**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	**Methylcyclohexane**	**770**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	**n-Butylbenzene**	**6700**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	**n-Propylbenzene**	**5400**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	**sec-Butylbenzene**	**5300**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	**tert-Butylbenzene**	**440**	J	ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH	09/15/2022 13:13	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 13:13	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications:	09/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/15/2022 13:13	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*130 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 14:22	KH
95-50-1	**1,2-Dichlorobenzene**	**0.162**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 NELAC-NY10854,PADEP	09/21/2022 14:22	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 NELAC-NY10854,PADEP	09/21/2022 14:22	KH
106-46-7	**1,4-Dichlorobenzene**	**0.409**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 NELAC-NY10854,PADEP	09/21/2022 14:22	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 14:22	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 14:22	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 14:22	KH
91-57-6	**2-Methylnaphthalene**	**15.9**		mg/kg dry	0.509	1.02	20	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 15:13	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	09/20/2022 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 14:22	KH

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
83-32-9	**Acenaphthene**	**0.836**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.407	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
120-12-7	**Anthracene**	**0.363**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
56-55-3	**Benzo(a)anthracene**	**0.132**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
50-32-8	**Benzo(a)pyrene**	**0.117**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
205-99-2	**Benzo(b)fluoranthene**	**0.110**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0788**	J	mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0901**	J	mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.609**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
218-01-9	**Chrysene**	**0.184**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 14:22	KH

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	**Di-n-butyl phthalate**	**0.0707**	J	mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.358**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**1.72**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0650**	J	mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**0.538**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**2.90**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.558**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*410 %*	S-04	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.9 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.3 %*		*24-116*

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 21:32	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*70.6 %*		*25-150*
Surrogate: M5PFHxA	*69.8 %*		*25-150*
Surrogate: M4PFHpA	*80.1 %*		*25-150*
Surrogate: M3PFHxS	*24.4 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*74.0 %*		*25-150*
Surrogate: M6PFDA	*94.2 %*		*25-150*
Surrogate: M7PFUdA	*63.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*48.8 %*		*25-150*
Surrogate: M2PFTeDA	*70.0 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*98.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*87.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*83.7 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*1.57 %*	PFSu-L	*25-150*
Surrogate: d5-N-EtFOSAA	*37.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*99.4 %*		*25-200*
Surrogate: M2-8:2 FTS	*85.1 %*		*25-200*
Surrogate: M9PFNA	*54.8 %*		*25-150*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 NELAC-NY10854,NJDEP	09/22/2022 05:50	BJ
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	40.3	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854	09/22/2022 05:50	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 NELAC-NY10854,NJDEP	09/22/2022 05:50	BJ
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 05:50	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.4 %*	*30-150*

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	**Aroclor 1260**	**0.0307**	PCB-Q	mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0307**		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7560**		mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**3.99**		mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**12.2**		mg/kg dry	1.84	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**318**		mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.367	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2860**	B	mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.490	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**62.7**		mg/kg dry	2.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**15800**		mg/kg dry	30.6	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**1870**		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3120**		mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**187**		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.5**		mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1630**		mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	61.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**977**		mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**6.22**		mg/kg dry	0.0367	1	EPA 7473	09/23/2022 09:55	09/23/2022 15:49	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.612	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.3		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.7		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	**1,2,4-Trimethylbenzene**	**300**	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	**1,2-Dichlorobenzene**	**640**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	**1,4-Dichlorobenzene**	**3400**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	5000	10000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-64-1	Acetone	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-02-8	Acrolein	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-43-2	Benzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-25-2	Bromoform	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-83-9	Bromomethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-90-7	**Chlorobenzene**	**700**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
67-66-3	Chloroform	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-87-3	Chloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	**Cyclohexane**	**770**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	**Isopropylbenzene**	**13000**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	**Methylcyclohexane**	**4900**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	**n-Butylbenzene**	**25000**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	**n-Propylbenzene**	**29000**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	**o-Xylene**	**530**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	**p- & m- Xylenes**	**590**	J	ug/kg dry	500	1000	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	**sec-Butylbenzene**	**22000**		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications:	09/15/2022 09:00	09/15/2022 13:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
98-06-6	**tert-Butylbenzene**	**2400**		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
108-88-3	Toluene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH	09/15/2022 09:00	09/15/2022 13:40	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 09:00	09/15/2022 13:40	FTR
1330-20-7	**Xylenes, Total**	**1100**	J	ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/15/2022 09:00	09/15/2022 13:40	FTR

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*185 %*	S-03	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
95-50-1	**1,2-Dichlorobenzene**	**0.0875**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
106-46-7	**1,4-Dichlorobenzene**	**0.488**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
91-57-6	**2-Methylnaphthalene**	**6.51**		mg/kg dry	0.119	0.238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/22/2022 13:57	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
83-32-9	**Acenaphthene**	**0.471**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
120-12-7	**Anthracene**	**0.202**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
56-55-3	**Benzo(a)anthracene**	**0.0860**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
50-32-8	**Benzo(a)pyrene**	**0.129**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0784**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.111**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0829**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.411**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:14	09/21/2022 17:13	KH

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.114**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.180**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.711**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0685**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**0.979**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**1.40**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.324**		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications:	09/20/2022 08:14	09/21/2022 17:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.9 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/20/2022 08:19	09/20/2022 21:50	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	7.05	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:18	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*90.8 %*		*25-150*
Surrogate: M5PFHxA	*66.1 %*		*25-150*
Surrogate: M4PFHpA	*86.9 %*		*25-150*
Surrogate: M3PFHxS	*132 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*70.9 %*		*25-150*
Surrogate: M6PFDA	*82.6 %*		*25-150*
Surrogate: M7PFUdA	*58.1 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*39.6 %*		*25-150*
Surrogate: M2PFTeDA	*79.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*90.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*6.20 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*77.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*118 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*99.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*24.2 %*	PFSu-L	*25-150*
Surrogate: M2-6:2 FTS	*111 %*		*25-200*
Surrogate: M2-8:2 FTS	*19.7 %*	PFSu-L	*25-200*

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*83.6 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/20/2022 08:21	09/22/2022 06:08	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
12789-03-6	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	09/20/2022 08:21	09/22/2022 06:08	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/20/2022 08:21	09/22/2022 06:08	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2022 08:21	09/22/2022 06:08	BJ

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	9.39	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 06:08	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	95.0	5	EPA 8081B Certifications:	09/20/2022 08:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 06:08	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 07:13	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	09/20/2022 08:21	09/22/2022 07:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9960**		mg/kg dry	5.82	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:16	AJL
7440-36-0	**Antimony**	**6.22**		mg/kg dry	2.91	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:16	AJL
7440-38-2	**Arsenic**	**8.86**		mg/kg dry	1.75	1	EPA 6010D Certifications:	09/13/2022 14:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 15:16	AJL

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**122**		mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**26500**	B	mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.87**		mg/kg dry	0.466	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**111**		mg/kg dry	2.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**20300**		mg/kg dry	29.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**446**		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2570**		mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**250**		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**20.8**		mg/kg dry	1.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1250**		mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**150**		mg/kg dry	58.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**101**		mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.985**		mg/kg dry	0.0349	1	EPA 7473	09/23/2022 09:55	09/23/2022 16:00	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.6**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BI20417 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/09/22
22I0332-02	SP-2 (8-10)	09/09/22
22I0332-03	SP-3 (10-12)	09/09/22
22I0332-03RE1	SP-3 (10-12)	09/09/22
22I0332-04	SP-4 (4-6)	09/09/22
22I0332-05	SP-5 (6-8)	09/09/22
22I0332-06	SP-6 (2-4)	09/09/22
22I0332-06RE1	SP-6 (2-4)	09/09/22
22I0332-07	SP-7 (0-2)	09/09/22
22I0332-08	SP-8 (1-3)	09/09/22
22I0332-09	SP-9 (1-3)	09/09/22
22I0332-10	SP-10 (8-10)	09/09/22
22I0332-11	SP-11 (10-12)	09/09/22
BI20417-BLK1	Blank	09/09/22
BI20417-BS1	LCS	09/09/22
BI20417-MS1	Matrix Spike	09/09/22
BI20417-MSD1	Matrix Spike Dup	09/09/22

Batch ID: BI20559 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/13/22
22I0332-03	SP-3 (10-12)	09/13/22
22I0332-04	SP-4 (4-6)	09/13/22
22I0332-05	SP-5 (6-8)	09/13/22
BI20559-BLK1	Blank	09/13/22
BI20559-BLK2	Blank	09/13/22
BI20559-BS1	LCS	09/13/22
BI20559-BSD1	LCS Dup	09/13/22

Batch ID: BI20593 **Preparation Method:** EPA 3050B **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/13/22
22I0332-02	SP-2 (8-10)	09/13/22
BI20593-BLK1	Blank	09/13/22
BI20593-DUP1	Duplicate	09/13/22
BI20593-MS1	Matrix Spike	09/13/22
BI20593-PS1	Post Spike	09/13/22
BI20593-SRM1	Reference	09/13/22

Batch ID: BI20594 **Preparation Method:** EPA 3050B **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date

22I0332-03	SP-3 (10-12)	09/13/22
22I0332-04	SP-4 (4-6)	09/13/22
22I0332-05	SP-5 (6-8)	09/13/22
22I0332-06	SP-6 (2-4)	09/13/22
22I0332-07	SP-7 (0-2)	09/13/22
22I0332-08	SP-8 (1-3)	09/13/22
22I0332-09	SP-9 (1-3)	09/13/22
22I0332-09RE1	SP-9 (1-3)	09/13/22
22I0332-10	SP-10 (8-10)	09/13/22
22I0332-11	SP-11 (10-12)	09/13/22
BI20594-BLK1	Blank	09/13/22
BI20594-DUP1	Duplicate	09/13/22
BI20594-MS1	Matrix Spike	09/13/22
BI20594-PS1	Post Spike	09/13/22
BI20594-SRM1	Reference	09/13/22

Batch ID: BI20630 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-02	SP-2 (8-10)	09/14/22
22I0332-06	SP-6 (2-4)	09/14/22
22I0332-07	SP-7 (0-2)	09/14/22
22I0332-08	SP-8 (1-3)	09/14/22
22I0332-09	SP-9 (1-3)	09/14/22
BI20630-BLK1	Blank	09/14/22
BI20630-BLK2	Blank	09/14/22
BI20630-BS1	LCS	09/14/22
BI20630-BSD1	LCS Dup	09/14/22

Batch ID: BI20730 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01RE1	SP-1 (8-10)	09/15/22
22I0332-10	SP-10 (8-10)	09/15/22
22I0332-11	SP-11 (10-12)	09/15/22
BI20730-BLK1	Blank	09/15/22
BI20730-BLK2	Blank	09/15/22
BI20730-BS1	LCS	09/15/22
BI20730-BSD1	LCS Dup	09/15/22

Batch ID: BI20791 **Preparation Method:** % Solids Prep **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-04	SP-4 (4-6)	09/15/22
22I0332-05	SP-5 (6-8)	09/15/22
22I0332-06	SP-6 (2-4)	09/15/22
22I0332-07	SP-7 (0-2)	09/15/22
22I0332-08	SP-8 (1-3)	09/15/22
22I0332-09	SP-9 (1-3)	09/15/22
22I0332-10	SP-10 (8-10)	09/15/22

22I0332-11	SP-11 (10-12)	09/15/22
BI20791-DUP1	Duplicate	09/15/22

Batch ID: BI20822 **Preparation Method:** % Solids Prep **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/16/22
22I0332-02	SP-2 (8-10)	09/16/22
22I0332-03	SP-3 (10-12)	09/16/22
BI20822-DUP1	Duplicate	09/16/22

Batch ID: BI20994 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-10	SP-10 (8-10)	09/20/22
22I0332-10RE2	SP-10 (8-10)	09/20/22
22I0332-11	SP-11 (10-12)	09/20/22
22I0332-11RE1	SP-11 (10-12)	09/20/22
BI20994-BLK1	Blank	09/20/22
BI20994-BS1	LCS	09/20/22
BI20994-MS1	Matrix Spike	09/20/22
BI20994-MSD1	Matrix Spike Dup	09/20/22

Batch ID: BI20995 **Preparation Method:** EPA 3550C **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/20/22
22I0332-02	SP-2 (8-10)	09/20/22
22I0332-03	SP-3 (10-12)	09/20/22
22I0332-04	SP-4 (4-6)	09/20/22
22I0332-05	SP-5 (6-8)	09/20/22
22I0332-06	SP-6 (2-4)	09/20/22
22I0332-07	SP-7 (0-2)	09/20/22
22I0332-08	SP-8 (1-3)	09/20/22
22I0332-09	SP-9 (1-3)	09/20/22
22I0332-10	SP-10 (8-10)	09/20/22
22I0332-11	SP-11 (10-12)	09/20/22
BI20995-BLK1	Blank	09/20/22
BI20995-BS1	LCS	09/20/22
BI20995-MS1	Matrix Spike	09/20/22
BI20995-MSD1	Matrix Spike Dup	09/20/22

Batch ID: BI20996 **Preparation Method:** EPA 3550C **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-08	SP-8 (1-3)	09/20/22
22I0332-08	SP-8 (1-3)	09/20/22
22I0332-09	SP-9 (1-3)	09/20/22
22I0332-09	SP-9 (1-3)	09/20/22

22I0332-10	SP-10 (8-10)	09/20/22
22I0332-10	SP-10 (8-10)	09/20/22
22I0332-11	SP-11 (10-12)	09/20/22
22I0332-11	SP-11 (10-12)	09/20/22
BI20996-BLK1	Blank	09/20/22
BI20996-BLK2	Blank	09/20/22
BI20996-BS1	LCS	09/20/22
BI20996-BS2	LCS	09/20/22

Batch ID: BI20999 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/20/22
22I0332-01	SP-1 (8-10)	09/20/22
22I0332-02	SP-2 (8-10)	09/20/22
22I0332-02	SP-2 (8-10)	09/20/22
22I0332-03	SP-3 (10-12)	09/20/22
22I0332-03	SP-3 (10-12)	09/20/22
22I0332-04	SP-4 (4-6)	09/20/22
22I0332-04	SP-4 (4-6)	09/20/22
22I0332-05	SP-5 (6-8)	09/20/22
22I0332-05	SP-5 (6-8)	09/20/22
22I0332-06	SP-6 (2-4)	09/20/22
22I0332-06	SP-6 (2-4)	09/20/22
22I0332-07	SP-7 (0-2)	09/20/22
22I0332-07	SP-7 (0-2)	09/20/22
BI20999-BLK1	Blank	09/20/22
BI20999-BLK2	Blank	09/20/22
BI20999-BS1	LCS	09/20/22
BI20999-BS2	LCS	09/20/22

Batch ID: BI21000 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/20/22
22I0332-01RE1	SP-1 (8-10)	09/20/22
22I0332-02	SP-2 (8-10)	09/20/22
22I0332-02RE1	SP-2 (8-10)	09/20/22
22I0332-03	SP-3 (10-12)	09/20/22
22I0332-04	SP-4 (4-6)	09/20/22
22I0332-05	SP-5 (6-8)	09/20/22
22I0332-06	SP-6 (2-4)	09/20/22
22I0332-07	SP-7 (0-2)	09/20/22
22I0332-08	SP-8 (1-3)	09/20/22
22I0332-09	SP-9 (1-3)	09/20/22
BI21000-BLK1	Blank	09/20/22
BI21000-BS1	LCS	09/20/22
BI21000-MS1	Matrix Spike	09/20/22
BI21000-MSD1	Matrix Spike Dup	09/20/22

Batch ID: BI21195 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/22/22
22I0332-02	SP-2 (8-10)	09/22/22
22I0332-03	SP-3 (10-12)	09/22/22
22I0332-04	SP-4 (4-6)	09/22/22
22I0332-05	SP-5 (6-8)	09/22/22
22I0332-06	SP-6 (2-4)	09/22/22
22I0332-07	SP-7 (0-2)	09/22/22
22I0332-08	SP-8 (1-3)	09/22/22
22I0332-09	SP-9 (1-3)	09/22/22
22I0332-10	SP-10 (8-10)	09/22/22
22I0332-11	SP-11 (10-12)	09/22/22
BI21195-BLK1	Blank	09/22/22
BI21195-DUP1	Duplicate	09/22/22
BI21195-MS1	Matrix Spike	09/22/22
BI21195-SRM1	Reference	09/22/22

Batch ID: BI21228 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/23/22
22I0332-02	SP-2 (8-10)	09/23/22
22I0332-03	SP-3 (10-12)	09/23/22
22I0332-04	SP-4 (4-6)	09/23/22
22I0332-05	SP-5 (6-8)	09/23/22
22I0332-06	SP-6 (2-4)	09/23/22
22I0332-07	SP-7 (0-2)	09/23/22
22I0332-08	SP-8 (1-3)	09/23/22
22I0332-09	SP-9 (1-3)	09/23/22
22I0332-10	SP-10 (8-10)	09/23/22
22I0332-11	SP-11 (10-12)	09/23/22
BI21228-BLK1	Blank	09/23/22
BI21228-DUP1	Duplicate	09/23/22
BI21228-MS1	Matrix Spike	09/23/22
BI21228-SRM1	Reference	09/23/22

Batch ID: BI21287 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22I0332-01	SP-1 (8-10)	09/23/22
22I0332-02	SP-2 (8-10)	09/23/22
22I0332-03	SP-3 (10-12)	09/23/22
22I0332-04	SP-4 (4-6)	09/23/22
22I0332-05	SP-5 (6-8)	09/23/22
22I0332-06	SP-6 (2-4)	09/23/22
22I0332-07	SP-7 (0-2)	09/23/22
22I0332-08	SP-8 (1-3)	09/23/22
22I0332-09	SP-9 (1-3)	09/23/22
22I0332-10	SP-10 (8-10)	09/23/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
Blank (BI20559-BLK1)											Prepared & Analyzed: 09/13/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
Blank (BI20559-BLK1)									Prepared & Analyzed: 09/13/2022		
Methylene chloride	5.1	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.3*		*"*	*50.0*		*113*	*76-130*				
Blank (BI20559-BLK2)									Prepared & Analyzed: 09/13/2022		
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
Blank (BI20559-BLK2)											Prepared & Analyzed: 09/13/2022
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	540	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*ug/L*	*50.0*		*96.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.5*		*"*	*50.0*		*113*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
LCS (BI20559-BS1)								Prepared & Analyzed: 09/13/2022			
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.1	75-129				
1,1,1-Trichloroethane	52.3		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	46.8		"	50.0		93.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	58-146				
1,1,2-Trichloroethane	45.9		"	50.0		91.8	83-123				
1,1-Dichloroethane	50.5		"	50.0		101	75-130				
1,1-Dichloroethylene	51.0		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	52.9		"	50.0		106	81-140				
1,2,3-Trichloropropane	48.7		"	50.0		97.3	81-126				
1,2,4-Trichlorobenzene	55.7		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	49.6		"	50.0		99.2	84-125				
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	74-142				
1,2-Dibromoethane	49.3		"	50.0		98.6	86-123				
1,2-Dichlorobenzene	47.8		"	50.0		95.6	85-122				
1,2-Dichloroethane	50.7		"	50.0		101	71-133				
1,2-Dichloropropane	47.0		"	50.0		93.9	81-122				
1,3,5-Trimethylbenzene	48.0		"	50.0		96.1	82-126				
1,3-Dichlorobenzene	50.0		"	50.0		99.9	84-124				
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124				
1,4-Dioxane	967		"	1050		92.1	10-228				
2-Butanone	46.1		"	50.0		92.2	58-147				
2-Hexanone	42.9		"	50.0		85.9	70-139				
4-Methyl-2-pentanone	44.9		"	50.0		89.9	72-132				
Acetone	29.6		"	50.0		59.3	36-155				
Acrolein	18.0		"	50.0		35.9	10-238				
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	51.5		"	50.0		103	77-127				
Bromochloromethane	50.4		"	50.0		101	74-129				
Bromodichloromethane	49.0		"	50.0		98.0	81-124				
Bromoform	44.3		"	50.0		88.5	80-136				
Bromomethane	52.5		"	50.0		105	32-177				
Carbon disulfide	61.8		"	50.0		124	10-136				
Carbon tetrachloride	49.1		"	50.0		98.3	66-143				
Chlorobenzene	49.9		"	50.0		99.8	86-120				
Chloroethane	49.0		"	50.0		98.0	51-142				
Chloroform	51.5		"	50.0		103	76-131				
Chloromethane	48.9		"	50.0		97.8	49-132				
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	46.4		"	50.0		92.9	81-129				
Cyclohexane	53.9		"	50.0		108	70-130				
Dibromochloromethane	44.8		"	50.0		89.5	10-200				
Dibromomethane	46.6		"	50.0		93.1	83-124				
Dichlorodifluoromethane	56.5		"	50.0		113	28-158				
Ethyl Benzene	47.0		"	50.0		94.1	84-125				
Hexachlorobutadiene	50.0		"	50.0		100	83-133				
Isopropylbenzene	50.0		"	50.0		100	81-127				
Methyl acetate	44.3		"	50.0		88.6	41-143				
Methyl tert-butyl ether (MTBE)	52.7		"	50.0		105	74-131				
Methylcyclohexane	46.1		"	50.0		92.1	70-130				
Methylene chloride	100		"	50.0		200	57-141	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
LCS (BI20559-BS1)								Prepared & Analyzed: 09/13/2022			
n-Butylbenzene	47.2		ug/L	50.0		94.4	80-130				
n-Propylbenzene	48.0		"	50.0		96.0	74-136				
o-Xylene	49.3		"	50.0		98.5	83-123				
p- & m- Xylenes	95.4		"	100		95.4	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.7	85-125				
sec-Butylbenzene	48.4		"	50.0		96.7	83-125				
Styrene	46.0		"	50.0		91.9	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	44.9		"	50.0		89.7	80-127				
Tetrachloroethylene	39.2		"	50.0		78.4	80-129	Low Bias			
Toluene	47.2		"	50.0		94.3	85-121				
trans-1,2-Dichloroethylene	53.2		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	45.1		"	50.0		90.2	78-132				
trans-1,4-dichloro-2-butene	47.2		"	50.0		94.5	75-135				
Trichloroethylene	49.0		"	50.0		98.0	84-123				
Trichlorofluoromethane	48.4		"	50.0		96.9	62-140				
Vinyl Chloride	47.3		"	50.0		94.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				
LCS Dup (BI20559-BSD1)								Prepared & Analyzed: 09/13/2022			
1,1,1,2-Tetrachloroethane	47.1		ug/L	50.0		94.2	75-129		1.13	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		0.480	30	
1,1,2,2-Tetrachloroethane	46.2		"	50.0		92.3	79-129		1.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.1		"	50.0		102	58-146		1.49	30	
1,1,2-Trichloroethane	46.1		"	50.0		92.1	83-123		0.326	30	
1,1-Dichloroethane	50.8		"	50.0		102	75-130		0.572	30	
1,1-Dichloroethylene	50.6		"	50.0		101	64-137		0.806	30	
1,2,3-Trichlorobenzene	52.1		"	50.0		104	81-140		1.47	30	
1,2,3-Trichloropropane	47.9		"	50.0		95.7	81-126		1.66	30	
1,2,4-Trichlorobenzene	54.9		"	50.0		110	80-141		1.52	30	
1,2,4-Trimethylbenzene	49.8		"	50.0		99.6	84-125		0.342	30	
1,2-Dibromo-3-chloropropane	48.3		"	50.0		96.7	74-142		2.98	30	
1,2-Dibromoethane	48.7		"	50.0		97.3	86-123		1.29	30	
1,2-Dichlorobenzene	48.1		"	50.0		96.3	85-122		0.730	30	
1,2-Dichloroethane	49.9		"	50.0		99.8	71-133		1.53	30	
1,2-Dichloropropane	47.0		"	50.0		93.9	81-122		0.0213	30	
1,3,5-Trimethylbenzene	47.9		"	50.0		95.7	82-126		0.375	30	
1,3-Dichlorobenzene	50.1		"	50.0		100	84-124		0.320	30	
1,4-Dichlorobenzene	50.0		"	50.0		100	84-124		0.925	30	
1,4-Dioxane	956		"	1050		91.0	10-228		1.12	30	
2-Butanone	45.4		"	50.0		90.8	58-147		1.51	30	
2-Hexanone	41.7		"	50.0		83.4	70-139		2.91	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.7	72-132		2.41	30	
Acetone	28.4		"	50.0		56.8	36-155		4.24	30	
Acrolein	17.8		"	50.0		35.6	10-238		0.951	30	
Acrylonitrile	48.9		"	50.0		97.9	66-141		2.82	30	
Benzene	51.3		"	50.0		103	77-127		0.467	30	
Bromochloromethane	49.7		"	50.0		99.4	74-129		1.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20559 - EPA 5035A											
LCS Dup (BI20559-BSD1)								Prepared & Analyzed: 09/13/2022			
Bromodichloromethane	49.1		ug/L	50.0		98.1	81-124		0.143	30	
Bromoform	44.6		"	50.0		89.3	80-136		0.855	30	
Bromomethane	51.5		"	50.0		103	32-177		1.90	30	
Carbon disulfide	62.5		"	50.0		125	10-136		1.13	30	
Carbon tetrachloride	49.4		"	50.0		98.8	66-143		0.568	30	
Chlorobenzene	50.2		"	50.0		100	86-120		0.579	30	
Chloroethane	48.6		"	50.0		97.2	51-142		0.799	30	
Chloroform	51.5		"	50.0		103	76-131		0.0194	30	
Chloromethane	47.9		"	50.0		95.9	49-132		1.98	30	
cis-1,2-Dichloroethylene	50.8		"	50.0		102	74-132		0.471	30	
cis-1,3-Dichloropropylene	46.3		"	50.0		92.6	81-129		0.302	30	
Cyclohexane	53.4		"	50.0		107	70-130		0.988	30	
Dibromochloromethane	44.5		"	50.0		89.0	10-200		0.583	30	
Dibromomethane	47.1		"	50.0		94.2	83-124		1.13	30	
Dichlorodifluoromethane	55.7		"	50.0		111	28-158		1.55	30	
Ethyl Benzene	47.0		"	50.0		94.0	84-125		0.106	30	
Hexachlorobutadiene	50.7		"	50.0		101	83-133		1.39	30	
Isopropylbenzene	50.3		"	50.0		101	81-127		0.518	30	
Methyl acetate	43.1		"	50.0		86.1	41-143		2.86	30	
Methyl tert-butyl ether (MTBE)	52.6		"	50.0		105	74-131		0.152	30	
Methylcyclohexane	46.0		"	50.0		92.1	70-130		0.0217	30	
Methylene chloride	97.7		"	50.0		195	57-141	High Bias	2.52	30	
n-Butylbenzene	47.4		"	50.0		94.7	80-130		0.317	30	
n-Propylbenzene	47.9		"	50.0		95.8	74-136		0.188	30	
o-Xylene	49.5		"	50.0		99.0	83-123		0.446	30	
p- & m- Xylenes	95.4		"	100		95.4	82-128		0.0524	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		0.747	30	
sec-Butylbenzene	48.6		"	50.0		97.3	83-125		0.557	30	
Styrene	45.7		"	50.0		91.4	86-126		0.589	30	
tert-Butyl alcohol (TBA)	235		"	250		93.9	70-130		10.0	30	
tert-Butylbenzene	45.2		"	50.0		90.4	80-127		0.733	30	
Tetrachloroethylene	38.7		"	50.0		77.3	80-129	Low Bias	1.41	30	
Toluene	47.2		"	50.0		94.5	85-121		0.191	30	
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132		0.320	30	
trans-1,3-Dichloropropylene	44.7		"	50.0		89.5	78-132		0.801	30	
trans-1,4-dichloro-2-butene	47.5		"	50.0		95.1	75-135		0.612	30	
Trichloroethylene	48.9		"	50.0		97.9	84-123		0.163	30	
Trichlorofluoromethane	47.3		"	50.0		94.7	62-140		2.32	30	
Vinyl Chloride	46.2		"	50.0		92.5	52-130		2.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
Blank (BI20630-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 09/14/2022

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
Blank (BI20630-BLK1)											Prepared & Analyzed: 09/14/2022
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*ug/L*	*50.0*		*94.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				
Blank (BI20630-BLK2)											Prepared & Analyzed: 09/14/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
Blank (BI20630-BLK2)											
Prepared & Analyzed: 09/14/2022											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.5*		*"*	*50.0*		*115*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
LCS (BI20630-BS1)								Prepared & Analyzed: 09/14/2022			
1,1,1,2-Tetrachloroethane	48.8		ug/L	50.0		97.5	75-129				
1,1,1-Trichloroethane	54.6		"	50.0		109	71-137				
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.0		"	50.0		110	58-146				
1,1,2-Trichloroethane	47.6		"	50.0		95.3	83-123				
1,1-Dichloroethane	51.4		"	50.0		103	75-130				
1,1-Dichloroethylene	53.8		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	52.7		"	50.0		105	81-140				
1,2,3-Trichloropropane	50.1		"	50.0		100	81-126				
1,2,4-Trichlorobenzene	54.9		"	50.0		110	80-141				
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	51.0		"	50.0		102	74-142				
1,2-Dibromoethane	49.9		"	50.0		99.7	86-123				
1,2-Dichlorobenzene	48.5		"	50.0		97.1	85-122				
1,2-Dichloroethane	51.9		"	50.0		104	71-133				
1,2-Dichloropropane	48.6		"	50.0		97.2	81-122				
1,3,5-Trimethylbenzene	48.4		"	50.0		96.7	82-126				
1,3-Dichlorobenzene	50.3		"	50.0		101	84-124				
1,4-Dichlorobenzene	49.9		"	50.0		99.9	84-124				
1,4-Dioxane	1020		"	1050		96.8	10-228				
2-Butanone	46.0		"	50.0		92.0	58-147				
2-Hexanone	45.0		"	50.0		89.9	70-139				
4-Methyl-2-pentanone	46.7		"	50.0		93.3	72-132				
Acetone	29.8		"	50.0		59.5	36-155				
Acrolein	46.0		"	50.0		91.9	10-238				
Acrylonitrile	53.5		"	50.0		107	66-141				
Benzene	52.7		"	50.0		105	77-127				
Bromochloromethane	50.7		"	50.0		101	74-129				
Bromodichloromethane	49.1		"	50.0		98.2	81-124				
Bromoform	44.8		"	50.0		89.5	80-136				
Bromomethane	58.5		"	50.0		117	32-177				
Carbon disulfide	68.2		"	50.0		136	10-136				
Carbon tetrachloride	51.2		"	50.0		102	66-143				
Chlorobenzene	51.3		"	50.0		103	86-120				
Chloroethane	59.8		"	50.0		120	51-142				
Chloroform	52.2		"	50.0		104	76-131				
Chloromethane	69.3		"	50.0		139	49-132	High Bias			
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129				
Cyclohexane	59.5		"	50.0		119	70-130				
Dibromochloromethane	45.5		"	50.0		91.0	10-200				
Dibromomethane	48.0		"	50.0		96.0	83-124				
Dichlorodifluoromethane	127		"	50.0		254	28-158	High Bias			
Ethyl Benzene	48.0		"	50.0		95.9	84-125				
Hexachlorobutadiene	50.5		"	50.0		101	83-133				
Isopropylbenzene	51.0		"	50.0		102	81-127				
Methyl acetate	47.5		"	50.0		95.0	41-143				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	49.4		"	50.0		98.7	70-130				
Methylene chloride	48.1		"	50.0		96.3	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
LCS (BI20630-BS1)								Prepared & Analyzed: 09/14/2022			
n-Butylbenzene	48.1		ug/L	50.0		96.2	80-130				
n-Propylbenzene	49.4		"	50.0		98.8	74-136				
o-Xylene	49.8		"	50.0		99.5	83-123				
p- & m- Xylenes	95.7		"	100		95.7	82-128				
p-Isopropyltoluene	50.0		"	50.0		99.9	85-125				
sec-Butylbenzene	50.0		"	50.0		100	83-125				
Styrene	48.5		"	50.0		96.9	86-126				
tert-Butyl alcohol (TBA)	247		"	250		98.8	70-130				
tert-Butylbenzene	46.1		"	50.0		92.3	80-127				
Tetrachloroethylene	39.9		"	50.0		79.7	80-129	Low Bias			
Toluene	48.0		"	50.0		96.0	85-121				
trans-1,2-Dichloroethylene	54.8		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	45.2		"	50.0		90.5	78-132				
trans-1,4-dichloro-2-butene	51.1		"	50.0		102	75-135				
Trichloroethylene	49.7		"	50.0		99.4	84-123				
Trichlorofluoromethane	54.3		"	50.0		109	62-140				
Vinyl Chloride	68.6		"	50.0		137	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS Dup (BI20630-BSD1)								Prepared & Analyzed: 09/14/2022			
1,1,1,2-Tetrachloroethane	49.0		ug/L	50.0		98.0	75-129		0.471	30	
1,1,1-Trichloroethane	54.6		"	50.0		109	71-137		0.128	30	
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.5	79-129		0.764	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.9		"	50.0		110	58-146		0.0910	30	
1,1,2-Trichloroethane	47.6		"	50.0		95.2	83-123		0.105	30	
1,1-Dichloroethane	51.8		"	50.0		104	75-130		0.678	30	
1,1-Dichloroethylene	53.1		"	50.0		106	64-137		1.33	30	
1,2,3-Trichlorobenzene	53.2		"	50.0		106	81-140		0.907	30	
1,2,3-Trichloropropane	49.5		"	50.0		99.1	81-126		1.08	30	
1,2,4-Trichlorobenzene	55.0		"	50.0		110	80-141		0.127	30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125		0.355	30	
1,2-Dibromo-3-chloropropane	49.3		"	50.0		98.7	74-142		3.39	30	
1,2-Dibromoethane	50.6		"	50.0		101	86-123		1.35	30	
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122		0.923	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		0.557	30	
1,2-Dichloropropane	48.7		"	50.0		97.3	81-122		0.144	30	
1,3,5-Trimethylbenzene	48.4		"	50.0		96.8	82-126		0.0207	30	
1,3-Dichlorobenzene	51.1		"	50.0		102	84-124		1.56	30	
1,4-Dichlorobenzene	50.1		"	50.0		100	84-124		0.320	30	
1,4-Dioxane	1020		"	1050		97.2	10-228		0.418	30	
2-Butanone	46.3		"	50.0		92.5	58-147		0.607	30	
2-Hexanone	43.4		"	50.0		86.8	70-139		3.55	30	
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132		2.30	30	
Acetone	28.0		"	50.0		56.0	36-155		6.06	30	
Acrolein	44.3		"	50.0		88.7	10-238		3.61	30	
Acrylonitrile	51.9		"	50.0		104	66-141		3.19	30	
Benzene	53.0		"	50.0		106	77-127		0.586	30	
Bromochloromethane	51.2		"	50.0		102	74-129		0.922	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20630 - EPA 5035A											
LCS Dup (BI20630-BSD1)								Prepared & Analyzed: 09/14/2022			
Bromodichloromethane	49.8		ug/L	50.0		99.6	81-124		1.38	30	
Bromoform	44.8		"	50.0		89.6	80-136		0.0670	30	
Bromomethane	59.2		"	50.0		118	32-177		1.29	30	
Carbon disulfide	65.8		"	50.0		132	10-136		3.58	30	
Carbon tetrachloride	50.9		"	50.0		102	66-143		0.685	30	
Chlorobenzene	51.7		"	50.0		103	86-120		0.758	30	
Chloroethane	59.4		"	50.0		119	51-142		0.638	30	
Chloroform	52.5		"	50.0		105	76-131		0.650	30	
Chloromethane	69.6		"	50.0		139	49-132	High Bias	0.461	30	
cis-1,2-Dichloroethylene	53.1		"	50.0		106	74-132		1.16	30	
cis-1,3-Dichloropropylene	46.6		"	50.0		93.2	81-129		1.34	30	
Cyclohexane	59.1		"	50.0		118	70-130		0.674	30	
Dibromochloromethane	46.0		"	50.0		91.9	10-200		1.01	30	
Dibromomethane	47.8		"	50.0		95.6	83-124		0.459	30	
Dichlorodifluoromethane	126		"	50.0		251	28-158	High Bias	1.01	30	
Ethyl Benzene	47.9		"	50.0		95.7	84-125		0.188	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		0.397	30	
Isopropylbenzene	51.2		"	50.0		102	81-127		0.509	30	
Methyl acetate	46.9		"	50.0		93.8	41-143		1.29	30	
Methyl tert-butyl ether (MTBE)	53.7		"	50.0		107	74-131		0.0932	30	
Methylcyclohexane	49.0		"	50.0		98.0	70-130		0.671	30	
Methylene chloride	48.5		"	50.0		97.0	57-141		0.766	30	
n-Butylbenzene	48.0		"	50.0		96.1	80-130		0.146	30	
n-Propylbenzene	49.3		"	50.0		98.6	74-136		0.243	30	
o-Xylene	49.8		"	50.0		99.5	83-123		0.00	30	
p- & m- Xylenes	95.7		"	100		95.7	82-128		0.0105	30	
p-Isopropyltoluene	50.0		"	50.0		100	85-125		0.0200	30	
sec-Butylbenzene	50.1		"	50.0		100	83-125		0.160	30	
Styrene	48.7		"	50.0		97.5	86-126		0.556	30	
tert-Butyl alcohol (TBA)	242		"	250		97.0	70-130		1.81	30	
tert-Butylbenzene	46.3		"	50.0		92.5	80-127		0.281	30	
Tetrachloroethylene	39.6		"	50.0		79.2	80-129	Low Bias	0.654	30	
Toluene	48.3		"	50.0		96.6	85-121		0.540	30	
trans-1,2-Dichloroethylene	55.0		"	50.0		110	72-132		0.401	30	
trans-1,3-Dichloropropylene	45.4		"	50.0		90.8	78-132		0.309	30	
trans-1,4-dichloro-2-butene	51.2		"	50.0		102	75-135		0.274	30	
Trichloroethylene	50.1		"	50.0		100	84-123		0.821	30	
Trichlorofluoromethane	54.5		"	50.0		109	62-140		0.423	30	
Vinyl Chloride	67.7		"	50.0		135	52-130	High Bias	1.31	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.5*		*"*	*50.0*		*95.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
Blank (BI20730-BLK1)											Prepared & Analyzed: 09/15/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
Blank (BI20730-BLK1)									Prepared & Analyzed: 09/15/2022		
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.5*		*"*	*50.0*		*113*	*76-130*				
Blank (BI20730-BLK2)									Prepared & Analyzed: 09/15/2022		
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
Blank (BI20730-BLK2)											Prepared & Analyzed: 09/15/2022
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.1*		*ug/L*	*50.0*		*92.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.4*		*"*	*50.0*		*117*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
LCS (BI20730-BS1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	48.8		ug/L	50.0		97.7	75-129				
1,1,1-Trichloroethane	53.8		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	50.0		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.0		"	50.0		104	58-146				
1,1,2-Trichloroethane	48.4		"	50.0		96.8	83-123				
1,1-Dichloroethane	51.1		"	50.0		102	75-130				
1,1-Dichloroethylene	50.4		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	54.1		"	50.0		108	81-140				
1,2,3-Trichloropropane	50.0		"	50.0		99.9	81-126				
1,2,4-Trichlorobenzene	55.4		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.5	84-125				
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142				
1,2-Dibromoethane	52.0		"	50.0		104	86-123				
1,2-Dichlorobenzene	48.0		"	50.0		96.1	85-122				
1,2-Dichloroethane	53.7		"	50.0		107	71-133				
1,2-Dichloropropane	47.4		"	50.0		94.8	81-122				
1,3,5-Trimethylbenzene	46.0		"	50.0		92.0	82-126				
1,3-Dichlorobenzene	49.5		"	50.0		98.9	84-124				
1,4-Dichlorobenzene	48.8		"	50.0		97.6	84-124				
1,4-Dioxane	1030		"	1050		98.5	10-228				
2-Butanone	50.2		"	50.0		100	58-147				
2-Hexanone	46.1		"	50.0		92.2	70-139				
4-Methyl-2-pentanone	48.2		"	50.0		96.5	72-132				
Acetone	30.0		"	50.0		59.9	36-155				
Acrolein	45.1		"	50.0		90.3	10-238				
Acrylonitrile	55.4		"	50.0		111	66-141				
Benzene	52.5		"	50.0		105	77-127				
Bromochloromethane	52.7		"	50.0		105	74-129				
Bromodichloromethane	49.6		"	50.0		99.2	81-124				
Bromoform	47.7		"	50.0		95.4	80-136				
Bromomethane	55.6		"	50.0		111	32-177				
Carbon disulfide	62.8		"	50.0		126	10-136				
Carbon tetrachloride	50.3		"	50.0		101	66-143				
Chlorobenzene	50.4		"	50.0		101	86-120				
Chloroethane	55.1		"	50.0		110	51-142				
Chloroform	52.3		"	50.0		105	76-131				
Chloromethane	62.6		"	50.0		125	49-132				
cis-1,2-Dichloroethylene	52.5		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	47.0		"	50.0		94.1	81-129				
Cyclohexane	57.6		"	50.0		115	70-130				
Dibromochloromethane	46.6		"	50.0		93.2	10-200				
Dibromomethane	48.6		"	50.0		97.2	83-124				
Dichlorodifluoromethane	107		"	50.0		215	28-158	High Bias			
Ethyl Benzene	46.2		"	50.0		92.3	84-125				
Hexachlorobutadiene	49.0		"	50.0		98.0	83-133				
Isopropylbenzene	48.2		"	50.0		96.5	81-127				
Methyl acetate	50.5		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	56.3		"	50.0		113	74-131				
Methylcyclohexane	46.7		"	50.0		93.4	70-130				
Methylene chloride	49.6		"	50.0		99.3	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
LCS (BI20730-BS1)								Prepared & Analyzed: 09/15/2022			
n-Butylbenzene	45.5		ug/L	50.0		90.9	80-130				
n-Propylbenzene	46.6		"	50.0		93.2	74-136				
o-Xylene	48.6		"	50.0		97.1	83-123				
p- & m- Xylenes	92.6		"	100		92.6	82-128				
p-Isopropyltoluene	47.3		"	50.0		94.6	85-125				
sec-Butylbenzene	47.2		"	50.0		94.3	83-125				
Styrene	48.0		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	264		"	250		105	70-130				
tert-Butylbenzene	43.7		"	50.0		87.4	80-127				
Tetrachloroethylene	38.3		"	50.0		76.5	80-129	Low Bias			
Toluene	46.4		"	50.0		92.8	85-121				
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132				
trans-1,3-Dichloropropylene	46.0		"	50.0		92.1	78-132				
trans-1,4-dichloro-2-butene	52.6		"	50.0		105	75-135				
Trichloroethylene	48.4		"	50.0		96.9	84-123				
Trichlorofluoromethane	51.4		"	50.0		103	62-140				
Vinyl Chloride	61.5		"	50.0		123	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI20730-BSD1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	48.5		ug/L	50.0		97.0	75-129		0.678	30	
1,1,1-Trichloroethane	54.2		"	50.0		108	71-137		0.704	30	
1,1,2,2-Tetrachloroethane	47.6		"	50.0		95.1	79-129		5.06	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0		105	58-146		1.07	30	
1,1,2-Trichloroethane	46.5		"	50.0		93.1	83-123		3.88	30	
1,1-Dichloroethane	50.4		"	50.0		101	75-130		1.42	30	
1,1-Dichloroethylene	50.6		"	50.0		101	64-137		0.475	30	
1,2,3-Trichlorobenzene	53.0		"	50.0		106	81-140		2.13	30	
1,2,3-Trichloropropane	48.5		"	50.0		97.0	81-126		2.92	30	
1,2,4-Trichlorobenzene	56.1		"	50.0		112	80-141		1.36	30	
1,2,4-Trimethylbenzene	50.9		"	50.0		102	84-125		4.32	30	
1,2-Dibromo-3-chloropropane	50.3		"	50.0		101	74-142		6.09	30	
1,2-Dibromoethane	50.2		"	50.0		100	86-123		3.46	30	
1,2-Dichlorobenzene	48.3		"	50.0		96.7	85-122		0.602	30	
1,2-Dichloroethane	50.8		"	50.0		102	71-133		5.38	30	
1,2-Dichloropropane	47.4		"	50.0		94.8	81-122		0.0633	30	
1,3,5-Trimethylbenzene	48.4		"	50.0		96.9	82-126		5.10	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		2.85	30	
1,4-Dichlorobenzene	50.2		"	50.0		100	84-124		2.89	30	
1,4-Dioxane	941		"	1050		89.7	10-228		9.36	30	
2-Butanone	45.2		"	50.0		90.5	58-147		10.3	30	
2-Hexanone	40.4		"	50.0		80.8	70-139		13.1	30	
4-Methyl-2-pentanone	43.8		"	50.0		87.5	72-132		9.72	30	
Acetone	26.4		"	50.0		52.9	36-155		12.4	30	
Acrolein	40.4		"	50.0		80.8	10-238		11.1	30	
Acrylonitrile	49.5		"	50.0		98.9	66-141		11.3	30	
Benzene	52.3		"	50.0		105	77-127		0.420	30	
Bromochloromethane	50.0		"	50.0		100	74-129		5.16	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20730 - EPA 5035A											
LCS Dup (BI20730-BSD1)								Prepared & Analyzed: 09/15/2022			
Bromodichloromethane	49.0		ug/L	50.0		98.0	81-124		1.20	30	
Bromoform	44.0		"	50.0		88.1	80-136		7.98	30	
Bromomethane	55.3		"	50.0		111	32-177		0.631	30	
Carbon disulfide	63.6		"	50.0		127	10-136		1.30	30	
Carbon tetrachloride	50.9		"	50.0		102	66-143		1.19	30	
Chlorobenzene	50.9		"	50.0		102	86-120		0.987	30	
Chloroethane	55.1		"	50.0		110	51-142		0.0363	30	
Chloroform	51.7		"	50.0		103	76-131		1.29	30	
Chloromethane	61.6		"	50.0		123	49-132		1.63	30	
cis-1,2-Dichloroethylene	51.6		"	50.0		103	74-132		1.58	30	
cis-1,3-Dichloropropylene	46.4		"	50.0		92.7	81-129		1.46	30	
Cyclohexane	57.9		"	50.0		116	70-130		0.571	30	
Dibromochloromethane	45.8		"	50.0		91.5	10-200		1.80	30	
Dibromomethane	46.6		"	50.0		93.1	83-124		4.29	30	
Dichlorodifluoromethane	108		"	50.0		216	28-158	High Bias	0.594	30	
Ethyl Benzene	47.0		"	50.0		93.9	84-125		1.72	30	
Hexachlorobutadiene	51.1		"	50.0		102	83-133		4.18	30	
Isopropylbenzene	50.8		"	50.0		102	81-127		5.17	30	
Methyl acetate	45.1		"	50.0		90.3	41-143		11.2	30	
Methyl tert-butyl ether (MTBE)	53.4		"	50.0		107	74-131		5.25	30	
Methylcyclohexane	48.4		"	50.0		96.9	70-130		3.66	30	
Methylene chloride	47.6		"	50.0		95.1	57-141		4.30	30	
n-Butylbenzene	47.8		"	50.0		95.5	80-130		4.91	30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136		5.39	30	
o-Xylene	49.0		"	50.0		98.0	83-123		0.922	30	
p- & m- Xylenes	94.2		"	100		94.2	82-128		1.72	30	
p-Isopropyltoluene	50.0		"	50.0		99.9	85-125		5.47	30	
sec-Butylbenzene	49.8		"	50.0		99.5	83-125		5.36	30	
Styrene	48.0		"	50.0		96.0	86-126		0.0417	30	
tert-Butyl alcohol (TBA)	238		"	250		95.2	70-130		10.2	30	
tert-Butylbenzene	46.0		"	50.0		92.1	80-127		5.26	30	
Tetrachloroethylene	39.5		"	50.0		78.9	80-129	Low Bias	3.11	30	
Toluene	47.1		"	50.0		94.2	85-121		1.54	30	
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132		0.0741	30	
trans-1,3-Dichloropropylene	44.9		"	50.0		89.8	78-132		2.55	30	
trans-1,4-dichloro-2-butene	50.0		"	50.0		100	75-135		5.16	30	
Trichloroethylene	49.5		"	50.0		99.0	84-123		2.18	30	
Trichlorofluoromethane	52.1		"	50.0		104	62-140		1.18	30	
Vinyl Chloride	62.0		"	50.0		124	52-130		0.762	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20994 - EPA 3546 SVOA

Blank (BI20994-BLK1) Prepared: 09/20/2022 Analyzed: 09/21/2022

1,2,4-Trichlorobenzene	ND	0.0416	mg/kg wet
1,2-Dichlorobenzene	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"
Dibenzofuran	ND	0.0416	"
Diethyl phthalate	ND	0.0416	"
Dimethyl phthalate	ND	0.0416	"
Di-n-butyl phthalate	ND	0.0416	"
Di-n-octyl phthalate	ND	0.0416	"
Fluoranthene	ND	0.0416	"
Fluorene	ND	0.0416	"
Hexachlorobenzene	ND	0.0416	"
Hexachlorobutadiene	ND	0.0416	"
Hexachlorocyclopentadiene	ND	0.0416	"
Hexachloroethane	ND	0.0416	"
Indeno(1,2,3-cd)pyrene	ND	0.0416	"
Isophorone	ND	0.0416	"
Naphthalene	ND	0.0416	"
Nitrobenzene	ND	0.0416	"
N-Nitrosodimethylamine	ND	0.0416	"
N-nitroso-di-n-propylamine	ND	0.0416	"
N-Nitrosodiphenylamine	ND	0.0416	"
Phenanthrene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20994 - EPA 3546 SVOA											
Blank (BI20994-BLK1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
Pyrene	ND	0.0416	mg/kg wet								
Surrogate: SURR: Nitrobenzene-d5	*0.905*		*"*	*0.831*		*109*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.821*		*"*	*0.831*		*98.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.941*		*"*	*0.831*		*113*	*24-116*				
LCS (BI20994-BS1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
1,2,4-Trichlorobenzene	0.605	0.0416	mg/kg wet	0.831		72.8	10-140				
1,2-Dichlorobenzene	0.573	0.0416	"	0.831		69.0	34-108				
1,3-Dichlorobenzene	0.567	0.0416	"	0.831		68.2	33-110				
1,4-Dichlorobenzene	0.583	0.0416	"	0.831		70.2	32-104				
2,4-Dinitrotoluene	0.817	0.0416	"	0.831		98.3	34-131				
2,6-Dinitrotoluene	0.807	0.0416	"	0.831		97.1	31-128				
2-Chloronaphthalene	0.600	0.0416	"	0.831		72.3	31-117				
2-Methylnaphthalene	0.635	0.0416	"	0.831		76.4	12-138				
2-Nitroaniline	0.783	0.0830	"	0.831		94.3	27-132				
3,3-Dichlorobenzidine	0.619	0.0416	"	0.831		74.5	22-149				
3-Nitroaniline	0.728	0.0830	"	0.831		87.6	20-133				
4-Bromophenyl phenyl ether	0.643	0.0416	"	0.831		77.4	29-120				
4-Chloroaniline	0.558	0.0416	"	0.831		67.2	10-132				
4-Chlorophenyl phenyl ether	0.646	0.0416	"	0.831		77.8	27-124				
4-Nitroaniline	0.744	0.0830	"	0.831		89.5	16-128				
Acenaphthene	0.612	0.0416	"	0.831		73.7	30-121				
Acenaphthylene	0.570	0.0416	"	0.831		68.6	30-115				
Aniline	0.513	0.166	"	0.831		61.7	10-119				
Anthracene	0.666	0.0416	"	0.831		80.2	34-118				
Benzo(a)anthracene	0.675	0.0416	"	0.831		81.2	32-122				
Benzo(a)pyrene	0.627	0.0416	"	0.831		75.5	29-133				
Benzo(b)fluoranthene	0.680	0.0416	"	0.831		81.9	25-133				
Benzo(g,h,i)perylene	0.598	0.0416	"	0.831		72.0	10-143				
Benzo(k)fluoranthene	0.668	0.0416	"	0.831		80.4	25-128				
Benzyl butyl phthalate	0.581	0.0416	"	0.831		70.0	26-126				
Bis(2-chloroethoxy)methane	0.578	0.0416	"	0.831		69.6	19-132				
Bis(2-chloroethyl)ether	0.531	0.0416	"	0.831		63.9	19-125				
Bis(2-chloroisopropyl)ether	0.583	0.0416	"	0.831		70.2	20-135				
Bis(2-ethylhexyl)phthalate	0.546	0.0416	"	0.831		65.8	10-155				
Carbazole	0.664	0.0416	"	0.831		80.0	35-123				
Chrysene	0.650	0.0416	"	0.831		78.2	32-123				
Dibenzo(a,h)anthracene	0.566	0.0416	"	0.831		68.1	10-136				
Dibenzofuran	0.629	0.0416	"	0.831		75.8	29-121				
Diethyl phthalate	0.619	0.0416	"	0.831		74.5	34-116				
Dimethyl phthalate	0.637	0.0416	"	0.831		76.7	35-124				
Di-n-butyl phthalate	0.571	0.0416	"	0.831		68.8	31-116				
Di-n-octyl phthalate	0.548	0.0416	"	0.831		66.0	26-136				
Fluoranthene	0.626	0.0416	"	0.831		75.4	33-122				
Fluorene	0.651	0.0416	"	0.831		78.4	29-123				
Hexachlorobenzene	0.551	0.0416	"	0.831		66.4	21-124				
Hexachlorobutadiene	0.632	0.0416	"	0.831		76.0	10-149				
Hexachlorocyclopentadiene	0.472	0.0416	"	0.831		56.8	10-129				
Hexachloroethane	0.536	0.0416	"	0.831		64.5	28-108				
Indeno(1,2,3-cd)pyrene	0.568	0.0416	"	0.831		68.4	10-135				
Isophorone	0.615	0.0416	"	0.831		74.1	20-132				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20994 - EPA 3546 SVOA											
LCS (BI20994-BS1)									Prepared: 09/20/2022 Analyzed: 09/21/2022		
Naphthalene	0.619	0.0416	mg/kg wet	0.831		74.6	23-124				
Nitrobenzene	0.650	0.0416	"	0.831		78.3	13-132				
N-Nitrosodimethylamine	0.493	0.0416	"	0.831		59.4	11-129				
N-nitroso-di-n-propylamine	0.515	0.0416	"	0.831		62.0	24-119				
N-Nitrosodiphenylamine	0.716	0.0416	"	0.831		86.2	22-152				
Phenanthrene	0.630	0.0416	"	0.831		75.9	33-123				
Pyrene	0.646	0.0416	"	0.831		77.8	24-130				
Surrogate: SURR: Nitrobenzene-d5	*0.784*		*"*	*0.831*		*94.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.709*		*"*	*0.831*		*85.3*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.856*		*"*	*0.831*		*103*	*24-116*				
Matrix Spike (BI20994-MS1)	*Source sample: 22I0333-03 (Matrix Spike)								Prepared: 09/20/2022 Analyzed: 09/21/2022		
1,2,4-Trichlorobenzene	0.453	0.0879	mg/kg dry	0.878	ND	51.5	10-127				
1,2-Dichlorobenzene	0.385	0.0879	"	0.878	ND	43.8	14-111				
1,3-Dichlorobenzene	0.387	0.0879	"	0.878	ND	44.0	11-111				
1,4-Dichlorobenzene	0.403	0.0879	"	0.878	ND	45.9	10-106				
2,4-Dinitrotoluene	0.500	0.0879	"	0.878	ND	56.9	16-135				
2,6-Dinitrotoluene	0.504	0.0879	"	0.878	ND	57.4	18-131				
2-Chloronaphthalene	0.436	0.0879	"	0.878	ND	49.6	10-129				
2-Methylnaphthalene	0.461	0.0879	"	0.878	ND	52.5	10-147				
2-Nitroaniline	0.500	0.176	"	0.878	ND	56.9	10-137				
3,3-Dichlorobenzidine	0.381	0.0879	"	0.878	ND	43.4	10-155				
3-Nitroaniline	0.443	0.176	"	0.878	ND	50.4	12-133				
4-Bromophenyl phenyl ether	0.441	0.0879	"	0.878	ND	50.2	14-128				
4-Chloroaniline	0.371	0.0879	"	0.878	ND	42.2	10-145				
4-Chlorophenyl phenyl ether	0.443	0.0879	"	0.878	ND	50.5	14-130				
4-Nitroaniline	0.457	0.176	"	0.878	ND	52.1	10-147				
Acenaphthene	0.468	0.0879	"	0.878	ND	53.3	10-146				
Acenaphthylene	0.405	0.0879	"	0.878	ND	46.1	10-134				
Aniline	0.315	0.352	"	0.878	ND	35.8	10-123				
Anthracene	0.503	0.0879	"	0.878	0.0730	49.0	10-142				
Benzo(a)anthracene	0.549	0.0879	"	0.878	0.168	43.3	10-158				
Benzo(a)pyrene	0.500	0.0879	"	0.878	0.162	38.5	10-180				
Benzo(b)fluoranthene	0.531	0.0879	"	0.878	0.145	43.8	10-200				
Benzo(g,h,i)perylene	0.481	0.0879	"	0.878	0.0751	46.2	10-138				
Benzo(k)fluoranthene	0.512	0.0879	"	0.878	0.126	43.9	10-197				
Benzyl butyl phthalate	0.451	0.0879	"	0.878	ND	51.4	10-154				
Bis(2-chloroethoxy)methane	0.401	0.0879	"	0.878	ND	45.7	10-132				
Bis(2-chloroethyl)ether	0.356	0.0879	"	0.878	ND	40.6	10-119				
Bis(2-chloroisopropyl)ether	0.352	0.0879	"	0.878	ND	40.1	10-139				
Bis(2-ethylhexyl)phthalate	0.501	0.0879	"	0.878	ND	57.0	10-167				
Carbazole	0.478	0.0879	"	0.878	ND	54.4	10-167				
Chrysene	0.514	0.0879	"	0.878	0.161	40.2	10-156				
Dibenzo(a,h)anthracene	0.432	0.0879	"	0.878	ND	49.2	10-137				
Dibenzofuran	0.455	0.0879	"	0.878	ND	51.8	10-147				
Diethyl phthalate	0.440	0.0879	"	0.878	ND	50.1	20-120				
Dimethyl phthalate	0.428	0.0879	"	0.878	ND	48.7	18-131				
Di-n-butyl phthalate	0.424	0.0879	"	0.878	ND	48.2	10-137				
Di-n-octyl phthalate	0.498	0.0879	"	0.878	ND	56.6	10-180				
Fluoranthene	0.629	0.0879	"	0.878	0.347	32.1	10-160				
Fluorene	0.460	0.0879	"	0.878	ND	52.4	10-157				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20994 - EPA 3546 SVOA											
Matrix Spike (BI20994-MS1)	*Source sample: 22I0333-03 (Matrix Spike)							Prepared: 09/20/2022 Analyzed: 09/21/2022			
Hexachlorobenzene	0.434	0.0879	mg/kg dry	0.878	ND	49.4	10-137				
Hexachlorobutadiene	0.441	0.0879	"	0.878	ND	50.2	10-132				
Hexachlorocyclopentadiene	0.197	0.0879	"	0.878	ND	22.4	10-106				
Hexachloroethane	0.390	0.0879	"	0.878	ND	44.4	10-110				
Indeno(1,2,3-cd)pyrene	0.479	0.0879	"	0.878	0.0965	43.5	10-144				
Isophorone	0.440	0.0879	"	0.878	ND	50.1	10-132				
Naphthalene	0.446	0.0879	"	0.878	ND	50.7	10-141				
Nitrobenzene	0.433	0.0879	"	0.878	ND	49.3	10-131				
N-Nitrosodimethylamine	0.356	0.0879	"	0.878	ND	40.5	10-126				
N-nitroso-di-n-propylamine	0.385	0.0879	"	0.878	ND	43.8	10-125				
N-Nitrosodiphenylamine	0.455	0.0879	"	0.878	ND	51.8	10-177				
Phenanthrene	0.627	0.0879	"	0.878	0.282	39.2	10-148				
Pyrene	0.611	0.0879	"	0.878	0.313	33.8	10-165				
Surrogate: SURR: Nitrobenzene-d5	*0.415*		*"*	*0.878*		*47.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.426*		*"*	*0.878*		*48.5*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.453*		*"*	*0.878*		*51.6*	*24-116*				
Matrix Spike Dup (BI20994-MSD1)	*Source sample: 22I0333-03 (Matrix Spike Dup)							Prepared: 09/20/2022 Analyzed: 09/21/2022			
1,2,4-Trichlorobenzene	0.607	0.0879	mg/kg dry	0.878	ND	69.1	10-127		29.2	30	
1,2-Dichlorobenzene	0.521	0.0879	"	0.878	ND	59.3	14-111		29.9	30	
1,3-Dichlorobenzene	0.509	0.0879	"	0.878	ND	58.0	11-111		27.5	30	
1,4-Dichlorobenzene	0.554	0.0879	"	0.878	ND	63.0	10-106		31.4	30	Non-dir.
2,4-Dinitrotoluene	0.691	0.0879	"	0.878	ND	78.6	16-135		32.1	30	Non-dir.
2,6-Dinitrotoluene	0.682	0.0879	"	0.878	ND	77.6	18-131		30.0	30	
2-Chloronaphthalene	0.583	0.0879	"	0.878	ND	66.3	10-129		28.8	30	
2-Methylnaphthalene	0.587	0.0879	"	0.878	ND	66.9	10-147		24.1	30	
2-Nitroaniline	0.646	0.176	"	0.878	ND	73.5	10-137		25.5	30	
3,3-Dichlorobenzidine	0.534	0.0879	"	0.878	ND	60.8	10-155		33.5	30	Non-dir.
3-Nitroaniline	0.590	0.176	"	0.878	ND	67.2	12-133		28.6	30	
4-Bromophenyl phenyl ether	0.613	0.0879	"	0.878	ND	69.8	14-128		32.6	30	Non-dir.
4-Chloroaniline	0.495	0.0879	"	0.878	ND	56.3	10-145		28.6	30	
4-Chlorophenyl phenyl ether	0.628	0.0879	"	0.878	ND	71.5	14-130		34.5	30	Non-dir.
4-Nitroaniline	0.658	0.176	"	0.878	ND	74.9	10-147		35.9	30	Non-dir.
Acenaphthene	0.644	0.0879	"	0.878	ND	73.3	10-146		31.6	30	Non-dir.
Acenaphthylene	0.527	0.0879	"	0.878	ND	60.0	10-134		26.2	30	
Aniline	0.439	0.352	"	0.878	ND	49.9	10-123		32.8	30	Non-dir.
Anthracene	0.692	0.0879	"	0.878	0.0730	70.5	10-142		31.6	30	Non-dir.
Benzo(a)anthracene	0.757	0.0879	"	0.878	0.168	67.0	10-158		31.9	30	Non-dir.
Benzo(a)pyrene	0.697	0.0879	"	0.878	0.162	60.9	10-180		32.9	30	Non-dir.
Benzo(b)fluoranthene	0.722	0.0879	"	0.878	0.145	65.7	10-200		30.6	30	Non-dir.
Benzo(g,h,i)perylene	0.651	0.0879	"	0.878	0.0751	65.6	10-138		30.2	30	Non-dir.
Benzo(k)fluoranthene	0.710	0.0879	"	0.878	0.126	66.4	10-197		32.5	30	Non-dir.
Benzyl butyl phthalate	0.676	0.0879	"	0.878	ND	77.0	10-154		39.9	30	Non-dir.
Bis(2-chloroethoxy)methane	0.545	0.0879	"	0.878	ND	62.1	10-132		30.4	30	Non-dir.
Bis(2-chloroethyl)ether	0.519	0.0879	"	0.878	ND	59.1	10-119		37.2	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.487	0.0879	"	0.878	ND	55.4	10-139		32.2	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.691	0.0879	"	0.878	ND	78.6	10-167		31.8	30	Non-dir.
Carbazole	0.682	0.0879	"	0.878	ND	77.7	10-167		35.3	30	Non-dir.
Chrysene	0.713	0.0879	"	0.878	0.161	62.8	10-156		32.3	30	Non-dir.
Dibenzo(a,h)anthracene	0.607	0.0879	"	0.878	ND	69.1	10-137		33.7	30	Non-dir.
Dibenzofuran	0.644	0.0879	"	0.878	ND	73.4	10-147		34.4	30	Non-dir.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20994 - EPA 3546 SVOA											
Matrix Spike Dup (BI20994-MSD1)	*Source sample: 22I0333-03 (Matrix Spike Dup)								Prepared: 09/20/2022 Analyzed: 09/21/2022		
Diethyl phthalate	0.604	0.0879	mg/kg dry	0.878	ND	68.7	20-120		31.4	30	Non-dir.
Dimethyl phthalate	0.578	0.0879	"	0.878	ND	65.8	18-131		29.9	30	
Di-n-butyl phthalate	0.614	0.0879	"	0.878	ND	69.9	10-137		36.7	30	Non-dir.
Di-n-octyl phthalate	0.689	0.0879	"	0.878	ND	78.4	10-180		32.2	30	Non-dir.
Fluoranthene	0.852	0.0879	"	0.878	0.347	57.4	10-160		30.1	30	Non-dir.
Fluorene	0.637	0.0879	"	0.878	ND	72.5	10-157		32.2	30	Non-dir.
Hexachlorobenzene	0.634	0.0879	"	0.878	ND	72.2	10-137		37.5	30	Non-dir.
Hexachlorobutadiene	0.612	0.0879	"	0.878	ND	69.7	10-132		32.4	30	Non-dir.
Hexachlorocyclopentadiene	0.226	0.0879	"	0.878	ND	25.8	10-106		14.0	30	
Hexachloroethane	0.547	0.0879	"	0.878	ND	62.3	10-110		33.6	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.649	0.0879	"	0.878	0.0965	62.9	10-144		30.2	30	Non-dir.
Isophorone	0.593	0.0879	"	0.878	ND	67.5	10-132		29.7	30	
Naphthalene	0.597	0.0879	"	0.878	ND	67.9	10-141		29.0	30	
Nitrobenzene	0.583	0.0879	"	0.878	ND	66.3	10-131		29.5	30	
N-Nitrosodimethylamine	0.459	0.0879	"	0.878	ND	52.2	10-126		25.4	30	
N-nitroso-di-n-propylamine	0.523	0.0879	"	0.878	ND	59.5	10-125		30.3	30	Non-dir.
N-Nitrosodiphenylamine	0.740	0.0879	"	0.878	ND	84.2	10-177		47.8	30	Non-dir.
Phenanthrene	0.784	0.0879	"	0.878	0.282	57.1	10-148		22.3	30	
Pyrene	0.834	0.0879	"	0.878	0.313	59.3	10-165		30.9	30	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*0.515*		*"*	*0.878*		*58.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.500*		*"*	*0.878*		*56.9*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.602*		*"*	*0.878*		*68.5*	*24-116*				
Batch BI21000 - EPA 3550C											
Blank (BI21000-BLK1)									Prepared: 09/20/2022 Analyzed: 09/21/2022		
1,2,4-Trichlorobenzene	ND	0.0416	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21000 - EPA 3550C											
Blank (BI21000-BLK1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
Bis(2-chloroethoxy)methane	ND	0.0416	mg/kg wet								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: Nitrobenzene-d5	*0.830*		*"*	*0.831*		*100*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.836*		*"*	*0.831*		*101*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*1.05*		*"*	*0.831*		*127*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21000 - EPA 3550C											
LCS (BI21000-BS1)									Prepared: 09/20/2022 Analyzed: 09/21/2022		
1,2,4-Trichlorobenzene	0.508	0.0416	mg/kg wet	0.831		61.2	10-140				
1,2-Dichlorobenzene	0.430	0.0416	"	0.831		51.8	34-108				
1,3-Dichlorobenzene	0.401	0.0416	"	0.831		48.3	33-110				
1,4-Dichlorobenzene	0.405	0.0416	"	0.831		48.8	32-104				
2,4-Dinitrotoluene	0.647	0.0416	"	0.831		77.8	34-131				
2,6-Dinitrotoluene	0.625	0.0416	"	0.831		75.3	31-128				
2-Chloronaphthalene	0.471	0.0416	"	0.831		56.7	31-117				
2-Methylnaphthalene	0.475	0.0416	"	0.831		57.2	12-138				
2-Nitroaniline	0.603	0.0830	"	0.831		72.6	27-132				
3,3-Dichlorobenzidine	0.453	0.0416	"	0.831		54.6	22-149				
3-Nitroaniline	0.569	0.0830	"	0.831		68.6	20-133				
4-Bromophenyl phenyl ether	0.585	0.0416	"	0.831		70.4	29-120				
4-Chloroaniline	0.373	0.0416	"	0.831		44.9	10-132				
4-Chlorophenyl phenyl ether	0.524	0.0416	"	0.831		63.1	27-124				
4-Nitroaniline	0.572	0.0830	"	0.831		68.8	16-128				
Acenaphthene	0.481	0.0416	"	0.831		58.0	30-121				
Acenaphthylene	0.439	0.0416	"	0.831		52.9	30-115				
Aniline	0.328	0.166	"	0.831		39.5	10-119				
Anthracene	0.500	0.0416	"	0.831		60.2	34-118				
Benzo(a)anthracene	0.529	0.0416	"	0.831		63.7	32-122				
Benzo(a)pyrene	0.497	0.0416	"	0.831		59.8	29-133				
Benzo(b)fluoranthene	0.547	0.0416	"	0.831		65.9	25-133				
Benzo(g,h,i)perylene	0.422	0.0416	"	0.831		50.8	10-143				
Benzo(k)fluoranthene	0.527	0.0416	"	0.831		63.5	25-128				
Benzyl butyl phthalate	0.479	0.0416	"	0.831		57.7	26-126				
Bis(2-chloroethoxy)methane	0.392	0.0416	"	0.831		47.2	19-132				
Bis(2-chloroethyl)ether	0.341	0.0416	"	0.831		41.1	19-125				
Bis(2-chloroisopropyl)ether	0.223	0.0416	"	0.831		26.9	20-135				
Bis(2-ethylhexyl)phthalate	0.495	0.0416	"	0.831		59.6	10-155				
Carbazole	0.524	0.0416	"	0.831		63.0	35-123				
Chrysene	0.509	0.0416	"	0.831		61.2	32-123				
Dibenzo(a,h)anthracene	0.457	0.0416	"	0.831		55.1	10-136				
Dibenzofuran	0.475	0.0416	"	0.831		57.2	29-121				
Diethyl phthalate	0.539	0.0416	"	0.831		64.9	34-116				
Dimethyl phthalate	0.510	0.0416	"	0.831		61.4	35-124				
Di-n-butyl phthalate	0.509	0.0416	"	0.831		61.3	31-116				
Di-n-octyl phthalate	0.474	0.0416	"	0.831		57.1	26-136				
Fluoranthene	0.515	0.0416	"	0.831		62.0	33-122				
Fluorene	0.470	0.0416	"	0.831		56.6	29-123				
Hexachlorobenzene	0.512	0.0416	"	0.831		61.6	21-124				
Hexachlorobutadiene	0.598	0.0416	"	0.831		72.0	10-149				
Hexachlorocyclopentadiene	0.113	0.0416	"	0.831		13.6	10-129				
Hexachloroethane	0.432	0.0416	"	0.831		52.0	28-108				
Indeno(1,2,3-cd)pyrene	0.480	0.0416	"	0.831		57.8	10-135				
Isophorone	0.421	0.0416	"	0.831		50.7	20-132				
Naphthalene	0.451	0.0416	"	0.831		54.4	23-124				
Nitrobenzene	0.478	0.0416	"	0.831		57.6	13-132				
N-Nitrosodimethylamine	0.227	0.0416	"	0.831		27.3	11-129				
N-nitroso-di-n-propylamine	0.365	0.0416	"	0.831		44.0	24-119				
N-Nitrosodiphenylamine	0.524	0.0416	"	0.831		63.0	22-152				
Phenanthrene	0.488	0.0416	"	0.831		58.8	33-123				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21000 - EPA 3550C											
LCS (BI21000-BS1)								Prepared: 09/20/2022 Analyzed: 09/21/2022			
Pyrene	0.458	0.0416	mg/kg wet	0.831		55.2	24-130				
Surrogate: SURR: Nitrobenzene-d5	*0.558*		"	*0.831*		*67.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.563*		"	*0.831*		*67.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.692*		"	*0.831*		*83.4*	*24-116*				
Matrix Spike (BI21000-MS1)	*Source sample: 22I0470-11 (Matrix Spike)							Prepared: 09/20/2022 Analyzed: 09/21/2022			
1,2,4-Trichlorobenzene	0.658	0.0910	mg/kg dry	0.909	ND	72.3	10-127				
1,2-Dichlorobenzene	0.554	0.0910	"	0.909	ND	60.9	14-111				
1,3-Dichlorobenzene	0.520	0.0910	"	0.909	ND	57.2	11-111				
1,4-Dichlorobenzene	0.532	0.0910	"	0.909	ND	58.5	10-106				
2,4-Dinitrotoluene	0.844	0.0910	"	0.909	ND	92.8	16-135				
2,6-Dinitrotoluene	0.769	0.0910	"	0.909	ND	84.6	18-131				
2-Chloronaphthalene	0.626	0.0910	"	0.909	ND	68.9	10-129				
2-Methylnaphthalene	0.660	0.0910	"	0.909	0.0458	67.5	10-147				
2-Nitroaniline	0.726	0.182	"	0.909	ND	79.8	10-137				
3,3-Dichlorobenzidine	0.515	0.0910	"	0.909	ND	56.6	10-155				
3-Nitroaniline	0.693	0.182	"	0.909	ND	76.2	12-133				
4-Bromophenyl phenyl ether	0.773	0.0910	"	0.909	ND	85.0	14-128				
4-Chloroaniline	0.570	0.0910	"	0.909	ND	62.6	10-145				
4-Chlorophenyl phenyl ether	0.737	0.0910	"	0.909	ND	81.0	14-130				
4-Nitroaniline	0.650	0.182	"	0.909	ND	71.4	10-147				
Acenaphthene	0.690	0.0910	"	0.909	0.306	42.3	10-146				
Acenaphthylene	0.599	0.0910	"	0.909	ND	65.9	10-134				
Aniline	0.398	0.365	"	0.909	ND	43.8	10-123				
Anthracene	0.785	0.0910	"	0.909	0.752	3.68	10-142	Low Bias			
Benzo(a)anthracene	0.937	0.0910	"	0.909	1.22	NR	10-158	Low Bias			
Benzo(a)pyrene	0.784	0.0910	"	0.909	1.17	NR	10-180	Low Bias			
Benzo(b)fluoranthene	0.870	0.0910	"	0.909	1.02	NR	10-200	Low Bias			
Benzo(g,h,i)perylene	0.682	0.0910	"	0.909	0.736	NR	10-138	Low Bias			
Benzo(k)fluoranthene	0.781	0.0910	"	0.909	0.863	NR	10-197	Low Bias			
Benzyl butyl phthalate	0.722	0.0910	"	0.909	0.0494	73.9	10-154				
Bis(2-chloroethoxy)methane	0.533	0.0910	"	0.909	ND	58.6	10-132				
Bis(2-chloroethyl)ether	0.431	0.0910	"	0.909	ND	47.4	10-119				
Bis(2-chloroisopropyl)ether	0.284	0.0910	"	0.909	ND	31.3	10-139				
Bis(2-ethylhexyl)phthalate	0.744	0.0910	"	0.909	0.0458	76.7	10-167				
Carbazole	0.704	0.0910	"	0.909	0.295	45.0	10-167				
Chrysene	0.933	0.0910	"	0.909	1.16	NR	10-156	Low Bias			
Dibenzo(a,h)anthracene	0.620	0.0910	"	0.909	0.226	43.3	10-137				
Dibenzofuran	0.681	0.0910	"	0.909	0.179	55.2	10-147				
Diethyl phthalate	0.665	0.0910	"	0.909	ND	73.1	20-120				
Dimethyl phthalate	0.664	0.0910	"	0.909	ND	73.0	18-131				
Di-n-butyl phthalate	0.626	0.0910	"	0.909	ND	68.8	10-137				
Di-n-octyl phthalate	0.556	0.0910	"	0.909	ND	61.1	10-180				
Fluoranthene	1.22	0.0910	"	0.909	2.67	NR	10-160	Low Bias			
Fluorene	0.668	0.0910	"	0.909	0.312	39.2	10-157				
Hexachlorobenzene	0.716	0.0910	"	0.909	ND	78.7	10-137				
Hexachlorobutadiene	0.813	0.0910	"	0.909	ND	89.4	10-132				
Hexachlorocyclopentadiene	0.0517	0.0910	"	0.909	ND	5.68	10-106	Low Bias			
Hexachloroethane	0.514	0.0910	"	0.909	ND	56.5	10-110				
Indeno(1,2,3-cd)pyrene	0.813	0.0910	"	0.909	0.673	15.4	10-144				
Isophorone	0.546	0.0910	"	0.909	ND	60.1	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21000 - EPA 3550C											
Matrix Spike (BI21000-MS1)	*Source sample: 22I0470-11 (Matrix Spike)								Prepared: 09/20/2022 Analyzed: 09/21/2022		
Naphthalene	0.640	0.0910	mg/kg dry	0.909	0.126	56.5	10-141				
Nitrobenzene	0.624	0.0910	"	0.909	ND	68.6	10-131				
N-Nitrosodimethylamine	0.278	0.0910	"	0.909	ND	30.6	10-126				
N-nitroso-di-n-propylamine	0.442	0.0910	"	0.909	ND	48.6	10-125				
N-Nitrosodiphenylamine	0.771	0.0910	"	0.909	ND	84.8	10-177				
Phenanthrene	0.993	0.0910	"	0.909	2.53	NR	10-148	Low Bias			
Pyrene	1.02	0.0910	"	0.909	2.32	NR	10-165	Low Bias			
Surrogate: SURR: Nitrobenzene-d5	*0.675*		*"*	*0.909*		*74.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.660*		*"*	*0.909*		*72.6*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.840*		*"*	*0.909*		*92.3*	*24-116*				
Matrix Spike Dup (BI21000-MSD1)	*Source sample: 22I0470-11 (Matrix Spike Dup)								Prepared: 09/20/2022 Analyzed: 09/21/2022		
1,2,4-Trichlorobenzene	0.722	0.0910	mg/kg dry	0.909	ND	79.4	10-127		9.38	30	
1,2-Dichlorobenzene	0.624	0.0910	"	0.909	ND	68.6	14-111		12.0	30	
1,3-Dichlorobenzene	0.661	0.0910	"	0.909	ND	72.6	11-111		23.8	30	
1,4-Dichlorobenzene	0.676	0.0910	"	0.909	ND	74.3	10-106		23.9	30	
2,4-Dinitrotoluene	0.948	0.0910	"	0.909	ND	104	16-135		11.6	30	
2,6-Dinitrotoluene	0.960	0.0910	"	0.909	ND	106	18-131		22.1	30	
2-Chloronaphthalene	0.731	0.0910	"	0.909	ND	80.4	10-129		15.4	30	
2-Methylnaphthalene	0.760	0.0910	"	0.909	0.0458	78.5	10-147		14.0	30	
2-Nitroaniline	0.934	0.182	"	0.909	ND	103	10-137		25.1	30	
3,3-Dichlorobenzidine	0.624	0.0910	"	0.909	ND	68.6	10-155		19.2	30	
3-Nitroaniline	0.813	0.182	"	0.909	ND	89.4	12-133		15.9	30	
4-Bromophenyl phenyl ether	0.924	0.0910	"	0.909	ND	102	14-128		17.8	30	
4-Chloroaniline	0.590	0.0910	"	0.909	ND	64.9	10-145		3.51	30	
4-Chlorophenyl phenyl ether	0.818	0.0910	"	0.909	ND	90.0	14-130		10.5	30	
4-Nitroaniline	0.809	0.182	"	0.909	ND	89.0	10-147		21.8	30	
Acenaphthene	0.757	0.0910	"	0.909	0.306	49.6	10-146		9.25	30	
Acenaphthylene	0.702	0.0910	"	0.909	ND	77.2	10-134		15.8	30	
Aniline	0.474	0.365	"	0.909	ND	52.1	10-123		17.4	30	
Anthracene	0.848	0.0910	"	0.909	0.752	10.6	10-142		7.66	30	
Benzo(a)anthracene	1.00	0.0910	"	0.909	1.22	NR	10-158	Low Bias	6.90	30	
Benzo(a)pyrene	0.873	0.0910	"	0.909	1.17	NR	10-180	Low Bias	10.8	30	
Benzo(b)fluoranthene	0.944	0.0910	"	0.909	1.02	NR	10-200	Low Bias	8.10	30	
Benzo(g,h,i)perylene	0.683	0.0910	"	0.909	0.736	NR	10-138	Low Bias	0.213	30	
Benzo(k)fluoranthene	0.864	0.0910	"	0.909	0.863	0.0946	10-197	Low Bias	10.2	30	
Benzyl butyl phthalate	0.871	0.0910	"	0.909	0.0494	90.3	10-154		18.7	30	
Bis(2-chloroethoxy)methane	0.587	0.0910	"	0.909	ND	64.6	10-132		9.61	30	
Bis(2-chloroethyl)ether	0.549	0.0910	"	0.909	ND	60.4	10-119		24.0	30	
Bis(2-chloroisopropyl)ether	0.314	0.0910	"	0.909	ND	34.5	10-139		9.73	30	
Bis(2-ethylhexyl)phthalate	0.799	0.0910	"	0.909	0.0458	82.8	10-167		7.17	30	
Carbazole	0.849	0.0910	"	0.909	0.295	60.9	10-167		18.6	30	
Chrysene	0.991	0.0910	"	0.909	1.16	NR	10-156	Low Bias	5.97	30	
Dibenzo(a,h)anthracene	0.657	0.0910	"	0.909	0.226	47.4	10-137		5.81	30	
Dibenzofuran	0.783	0.0910	"	0.909	0.179	66.4	10-147		13.9	30	
Diethyl phthalate	0.765	0.0910	"	0.909	ND	84.1	20-120		13.9	30	
Dimethyl phthalate	0.757	0.0910	"	0.909	ND	83.3	18-131		13.2	30	
Di-n-butyl phthalate	0.773	0.0910	"	0.909	ND	85.0	10-137		21.0	30	
Di-n-octyl phthalate	0.660	0.0910	"	0.909	ND	72.6	10-180		17.1	30	
Fluoranthene	1.15	0.0910	"	0.909	2.67	NR	10-160	Low Bias	6.01	30	
Fluorene	0.797	0.0910	"	0.909	0.312	53.4	10-157		17.7	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21000 - EPA 3550C											
Matrix Spike Dup (BI21000-MSD1)	*Source sample: 22I0470-11 (Matrix Spike Dup)								Prepared: 09/20/2022 Analyzed: 09/21/2022		
Hexachlorobenzene	0.715	0.0910	mg/kg dry	0.909	ND	78.6	10-137		0.102	30	
Hexachlorobutadiene	0.953	0.0910	"	0.909	ND	105	10-132		15.9	30	
Hexachlorocyclopentadiene	0.0524	0.0910	"	0.909	ND	5.76	10-106	Low Bias	1.40	30	
Hexachloroethane	0.624	0.0910	"	0.909	ND	68.6	10-110		19.4	30	
Indeno(1,2,3-cd)pyrene	0.814	0.0910	"	0.909	0.673	15.5	10-144		0.179	30	
Isophorone	0.616	0.0910	"	0.909	ND	67.8	10-132		12.0	30	
Naphthalene	0.685	0.0910	"	0.909	0.126	61.5	10-141		6.81	30	
Nitrobenzene	0.688	0.0910	"	0.909	ND	75.6	10-131		9.77	30	
N-Nitrosodimethylamine	0.326	0.0910	"	0.909	ND	35.8	10-126		15.9	30	
N-nitroso-di-n-propylamine	0.518	0.0910	"	0.909	ND	57.0	10-125		15.8	30	
N-Nitrosodiphenylamine	0.825	0.0910	"	0.909	ND	90.7	10-177		6.75	30	
Phenanthrene	1.01	0.0910	"	0.909	2.53	NR	10-148	Low Bias	1.38	30	
Pyrene	1.05	0.0910	"	0.909	2.32	NR	10-165	Low Bias	3.02	30	
Surrogate: SURR: Nitrobenzene-d5	*0.777*		*"*	*0.909*		*85.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.810*		*"*	*0.909*		*89.1*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*1.04*		*"*	*0.909*		*115*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20995 - EPA 3550C											
Blank (BI20995-BLK1)								Prepared & Analyzed: 09/20/2022			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*218*		*"*	*495*		*44.0*	*39-127.5*				
LCS (BI20995-BS1)								Prepared & Analyzed: 09/20/2022			
1,4-Dioxane	400	19.8	ug/kg	495		80.8	40-130				
Surrogate: 1,4-Dioxane-d8	*257*		*"*	*495*		*52.0*	*39-127.5*				
Matrix Spike (BI20995-MS1)	*Source sample: 22I0332-08 (SP-8 (1-3))							Prepared & Analyzed: 09/20/2022			
1,4-Dioxane	452	19.8	ug/kg	495	ND	91.4	40-130				
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*40-130*				
Matrix Spike Dup (BI20995-MSD1)	*Source sample: 22I0332-08 (SP-8 (1-3))							Prepared & Analyzed: 09/20/2022			
1,4-Dioxane	439	19.8	ug/kg	495	ND	88.6	40-130		3.11	30	
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*40-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20417 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BI20417-BLK1)											
Prepared: 09/09/2022 Analyzed: 09/14/2022											
Perfluorobutanesulfonic acid (PFBS)	ND	0.240	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.240	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.240	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.240	"								
Perfluorooctanoic acid (PFOA)	ND	0.240	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.240	"								
Perfluorononanoic acid (PFNA)	ND	0.240	"								
Perfluorodecanoic acid (PFDA)	ND	0.240	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.240	"								
Perfluorododecanoic acid (PFDoA)	ND	0.240	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.240	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.240	"								
N-MeFOSAA	ND	0.240	"								
N-EtFOSAA	ND	0.240	"								
Perfluoropentanoic acid (PFPeA)	ND	0.240	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.240	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.240	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.240	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.240	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.240	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.240	"								
Surrogate: M3PFBS	*3.32*		*"*	*4.46*		*74.3*	*25-150*				
Surrogate: M5PFHxA	*3.70*		*"*	*4.81*		*76.9*	*25-150*				
Surrogate: M4PFHpA	*4.14*		*"*	*4.81*		*86.2*	*25-150*				
Surrogate: M3PFHxS	*4.40*		*"*	*4.55*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.19*		*"*	*4.81*		*108*	*25-150*				
Surrogate: M6PFDA	*3.66*		*"*	*4.81*		*76.1*	*25-150*				
Surrogate: M7PFUdA	*2.96*		*"*	*4.81*		*61.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.14*		*"*	*4.81*		*65.3*	*25-150*				
Surrogate: M2PFTeDA	*3.22*		*"*	*4.81*		*67.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.57*		*"*	*4.81*		*74.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.13*		*"*	*4.60*		*68.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.71*		*"*	*4.81*		*77.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.02*		*"*	*4.81*		*62.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.47*		*"*	*4.81*		*72.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.07*		*"*	*4.81*		*84.7*	*25-150*				
Surrogate: M2-6:2 FTS	*2.60*		*"*	*4.56*		*57.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.44*		*"*	*4.60*		*96.5*	*25-200*				
Surrogate: M9PFNA	*3.43*		*"*	*4.81*		*71.3*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20417 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BI20417-BS1)								Prepared: 09/09/2022 Analyzed: 09/14/2022			
Perfluorobutanesulfonic acid (PFBS)	4.38	0.249	ug/kg wet	4.41		99.2	50-130				
Perfluorohexanoic acid (PFHxA)	5.01	0.249	"	4.99		100	50-130				
Perfluoroheptanoic acid (PFHpA)	4.95	0.249	"	4.99		99.2	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.88	0.249	"	4.54		85.5	50-130				
Perfluorooctanoic acid (PFOA)	4.23	0.249	"	4.99		84.8	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.45	0.249	"	4.61		96.5	50-130				
Perfluorononanoic acid (PFNA)	4.65	0.249	"	4.99		93.3	50-130				
Perfluorodecanoic acid (PFDA)	4.85	0.249	"	4.99		97.2	50-130				
Perfluoroundecanoic acid (PFUnA)	5.21	0.249	"	4.99		104	50-130				
Perfluorododecanoic acid (PFDoA)	5.07	0.249	"	4.99		102	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.18	0.249	"	4.99		83.9	50-130				
Perfluorotetradecanoic acid (PFTA)	4.61	0.249	"	4.99		92.6	50-130				
N-MeFOSAA	4.46	0.249	"	4.99		89.6	50-130				
N-EtFOSAA	5.56	0.249	"	4.99		112	50-130				
Perfluoropentanoic acid (PFPeA)	4.92	0.249	"	4.99		98.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	5.71	0.249	"	4.99		115	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.39	0.249	"	4.76		113	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.43	0.249	"	4.81		92.2	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.56	0.249	"	4.74		117	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.51	0.249	"	4.79		115	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.90	0.249	"	4.99		98.4	50-130				
Surrogate: M3PFBS	*3.81*		"	*4.63*		*82.2*	*25-150*				
Surrogate: M5PFHxA	*4.14*		"	*4.99*		*83.1*	*25-150*				
Surrogate: M4PFHpA	*4.39*		"	*4.99*		*88.0*	*25-150*				
Surrogate: M3PFHxS	*3.97*		"	*4.72*		*84.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.13*		"	*4.99*		*103*	*25-150*				
Surrogate: M6PFDA	*4.00*		"	*4.99*		*80.2*	*25-150*				
Surrogate: M7PFUdA	*3.54*		"	*4.99*		*70.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.68*		"	*4.99*		*73.8*	*25-150*				
Surrogate: M2PFTeDA	*3.42*		"	*4.99*		*68.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.09*		"	*4.99*		*82.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.50*		"	*4.77*		*73.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.15*		"	*4.99*		*83.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.79*		"	*4.99*		*55.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.32*		"	*4.99*		*86.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.59*		"	*4.99*		*72.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.09*		"	*4.73*		*65.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.39*		"	*4.78*		*71.0*	*25-200*				
Surrogate: M9PFNA	*4.35*		"	*4.99*		*87.2*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20417 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BI20417-MS1)	*Source sample: 22I0329-05 (Matrix Spike)							Prepared: 09/09/2022 Analyzed: 09/14/2022			
Perfluorobutanesulfonic acid (PFBS)	4.70	0.278	ug/kg dry	4.92	ND	95.6	25-150				
Perfluorohexanoic acid (PFHxA)	5.50	0.278	"	5.56	ND	99.0	25-150				
Perfluoroheptanoic acid (PFHpA)	4.80	0.278	"	5.56	ND	86.3	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.50	0.278	"	5.06	ND	69.2	25-150				
Perfluorooctanoic acid (PFOA)	4.48	0.278	"	5.56	ND	80.5	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.39	0.278	"	5.14	ND	85.4	25-150				
Perfluorononanoic acid (PFNA)	4.79	0.278	"	5.56	ND	86.2	25-150				
Perfluorodecanoic acid (PFDA)	4.79	0.278	"	5.56	ND	86.2	25-150				
Perfluoroundecanoic acid (PFUnA)	5.31	0.278	"	5.56	ND	95.4	25-150				
Perfluorododecanoic acid (PFDoA)	5.66	0.278	"	5.56	ND	102	25-150				
Perfluorotridecanoic acid (PFTrDA)	3.97	0.278	"	5.56	ND	71.4	25-150				
Perfluorotetradecanoic acid (PFTA)	4.90	0.278	"	5.56	ND	88.2	25-150				
N-MeFOSAA	5.72	0.278	"	5.56	ND	103	25-150				
N-EtFOSAA	6.04	0.278	"	5.56	ND	109	25-150				
Perfluoropentanoic acid (PFPeA)	5.19	0.278	"	5.56	ND	93.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.51	0.278	"	5.56	ND	117	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.10	0.278	"	5.31	ND	96.1	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.53	0.278	"	5.37	ND	65.7	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.21	0.278	"	5.28	ND	98.6	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.49	0.278	"	5.34	ND	103	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.09	0.278	"	5.56	ND	91.5	25-150				
Surrogate: M3PFBS	*3.74*		"	*5.17*		*72.3*	*25-150*				
Surrogate: M5PFHxA	*4.32*		"	*5.56*		*77.7*	*25-150*				
Surrogate: M4PFHpA	*4.70*		"	*5.56*		*84.5*	*25-150*				
Surrogate: M3PFHxS	*4.96*		"	*5.26*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.13*		"	*5.56*		*92.2*	*25-150*				
Surrogate: M6PFDA	*4.05*		"	*5.56*		*72.9*	*25-150*				
Surrogate: M7PFUdA	*3.58*		"	*5.56*		*64.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.14*		"	*5.56*		*56.4*	*25-150*				
Surrogate: M2PFTeDA	*3.67*		"	*5.56*		*66.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.39*		"	*5.56*		*78.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.91*		"	*5.32*		*73.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.41*		"	*5.56*		*79.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.19*		"	*5.56*		*57.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.16*		"	*5.56*		*74.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.21*		"	*5.56*		*57.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.68*		"	*5.28*		*88.8*	*25-200*				
Surrogate: M2-8:2 FTS	*5.70*		"	*5.33*		*107*	*25-200*				
Surrogate: M9PFNA	*4.51*		"	*5.56*		*81.2*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20417 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BI20417-MSD1)	*Source sample: 22I0329-05 (Matrix Spike Dup)								Prepared: 09/09/2022 Analyzed: 09/14/2022		
Perfluorobutanesulfonic acid (PFBS)	4.72	0.277	ug/kg dry	4.91	ND	96.2	25-150		0.448	35	
Perfluorohexanoic acid (PFHxA)	5.28	0.277	"	5.55	ND	95.2	25-150		4.11	35	
Perfluoroheptanoic acid (PFHpA)	4.68	0.277	"	5.55	ND	84.4	25-150		2.44	35	
Perfluorohexanesulfonic acid (PFHxS)	4.18	0.277	"	5.05	ND	82.8	25-150		17.6	35	
Perfluorooctanoic acid (PFOA)	4.12	0.277	"	5.55	ND	74.3	25-150		8.26	35	
Perfluorooctanesulfonic acid (PFOS)	3.94	0.277	"	5.13	ND	76.7	25-150		10.9	35	
Perfluorononanoic acid (PFNA)	5.46	0.277	"	5.55	ND	98.4	25-150		13.0	35	
Perfluorodecanoic acid (PFDA)	4.18	0.277	"	5.55	ND	75.3	25-150		13.7	35	
Perfluoroundecanoic acid (PFUnA)	5.12	0.277	"	5.55	ND	92.3	25-150		3.54	35	
Perfluorododecanoic acid (PFDoA)	4.68	0.277	"	5.55	ND	84.4	25-150		18.9	35	
Perfluorotridecanoic acid (PFTrDA)	3.56	0.277	"	5.55	ND	64.2	25-150		10.8	35	
Perfluorotetradecanoic acid (PFTA)	4.88	0.277	"	5.55	ND	87.9	25-150		0.568	35	
N-MeFOSAA	5.98	0.277	"	5.55	ND	108	25-150		4.42	35	
N-EtFOSAA	5.70	0.277	"	5.55	ND	103	25-150		5.73	35	
Perfluoropentanoic acid (PFPeA)	5.02	0.277	"	5.55	ND	90.5	25-150		3.24	35	
Perfluoro-1-octanesulfonamide (FOSA)	6.05	0.277	"	5.55	ND	109	25-150		7.29	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.60	0.277	"	5.30	ND	86.8	25-150		10.4	35	
Perfluoro-1-decanesulfonic acid (PFDS)	2.57	0.277	"	5.35	ND	48.1	25-150		31.2	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.59	0.277	"	5.27	ND	106	25-200		7.04	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.58	0.277	"	5.33	ND	85.9	25-200		18.1	35	
Perfluoro-n-butanoic acid (PFBA)	4.94	0.277	"	5.55	ND	88.9	25-150		3.03	35	
Surrogate: M3PFBS	*3.27*		"	*5.15*		*63.4*	*25-150*				
Surrogate: M5PFHxA	*3.76*		"	*5.55*		*67.8*	*25-150*				
Surrogate: M4PFHpA	*4.25*		"	*5.55*		*76.6*	*25-150*				
Surrogate: M3PFHxS	*3.87*		"	*5.25*		*73.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.79*		"	*5.55*		*86.2*	*25-150*				
Surrogate: M6PFDA	*3.57*		"	*5.55*		*64.3*	*25-150*				
Surrogate: M7PFUdA	*2.74*		"	*5.55*		*49.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.79*		"	*5.55*		*50.3*	*25-150*				
Surrogate: M2PFTeDA	*2.95*		"	*5.55*		*53.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.79*		"	*5.55*		*68.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.75*		"	*5.31*		*70.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.82*		"	*5.55*		*68.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		"	*5.55*		*43.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.92*		"	*5.55*		*52.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.92*		"	*5.55*		*52.6*	*25-150*				
Surrogate: M2-6:2 FTS	*2.95*		"	*5.27*		*56.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.34*		"	*5.32*		*62.8*	*25-200*				
Surrogate: M9PFNA	*3.21*		"	*5.55*		*57.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20996 - EPA 3550C											
Blank (BI20996-BLK1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
4,4'-DDD	ND	1.65	ug/kg wet								
4,4'-DDE	ND	1.65	"								
4,4'-DDT	ND	1.65	"								
Aldrin	ND	1.65	"								
alpha-BHC	ND	1.65	"								
alpha-Chlordane	ND	1.65	"								
beta-BHC	ND	1.65	"								
Chlordane, total	ND	33.0	"								
delta-BHC	ND	1.65	"								
Dieldrin	ND	1.65	"								
Endosulfan I	ND	1.65	"								
Endosulfan II	ND	1.65	"								
Endosulfan sulfate	ND	1.65	"								
Endrin	ND	1.65	"								
Endrin aldehyde	ND	1.65	"								
Endrin ketone	ND	1.65	"								
gamma-BHC (Lindane)	ND	1.65	"								
gamma-Chlordane	ND	1.65	"								
Heptachlor	ND	1.65	"								
Heptachlor epoxide	ND	1.65	"								
Methoxychlor	ND	8.25	"								
Toxaphene	ND	83.5	"								
Surrogate: Decachlorobiphenyl	*44.1*		*"*	*66.7*		*66.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*41.3*		*"*	*66.7*		*61.9*	*30-150*				
LCS (BI20996-BS1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
4,4'-DDD	21.4	1.65	ug/kg wet	33.3		64.2	40-140				
4,4'-DDE	22.0	1.65	"	33.3		65.9	40-140				
4,4'-DDT	15.3	1.65	"	33.3		45.8	40-140				
Aldrin	19.8	1.65	"	33.3		59.4	40-140				
alpha-BHC	20.1	1.65	"	33.3		60.4	40-140				
alpha-Chlordane	20.7	1.65	"	33.3		62.0	40-140				
beta-BHC	24.5	1.65	"	33.3		73.6	40-140				
delta-BHC	19.5	1.65	"	33.3		58.6	40-140				
Dieldrin	19.4	1.65	"	33.3		58.1	40-140				
Endosulfan I	19.7	1.65	"	33.3		59.0	40-140				
Endosulfan II	19.4	1.65	"	33.3		58.3	40-140				
Endosulfan sulfate	20.2	1.65	"	33.3		60.5	40-140				
Endrin	19.1	1.65	"	33.3		57.4	40-140				
Endrin aldehyde	19.2	1.65	"	33.3		57.7	40-140				
Endrin ketone	18.8	1.65	"	33.3		56.5	40-140				
gamma-BHC (Lindane)	20.3	1.65	"	33.3		60.9	40-140				
gamma-Chlordane	20.7	1.65	"	33.3		62.1	40-140				
Heptachlor	20.1	1.65	"	33.3		60.4	40-140				
Heptachlor epoxide	21.0	1.65	"	33.3		62.9	40-140				
Methoxychlor	20.9	8.25	"	33.3		62.6	40-140				
Surrogate: Decachlorobiphenyl	*39.9*		*"*	*66.7*		*59.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*41.8*		*"*	*66.7*		*62.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20999 - EPA 3550C											
Blank (BI20999-BLK1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*63.2*		*"*	*66.4*		*95.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*68.4*		*"*	*66.4*		*103*	*30-150*				
LCS (BI20999-BS1)											Prepared: 09/20/2022 Analyzed: 09/21/2022
4,4'-DDD	28.7	1.64	ug/kg wet	33.2		86.3	40-140				
4,4'-DDE	29.0	1.64	"	33.2		87.2	40-140				
4,4'-DDT	18.9	1.64	"	33.2		57.0	40-140				
Aldrin	29.9	1.64	"	33.2		90.0	40-140				
alpha-BHC	29.8	1.64	"	33.2		89.7	40-140				
alpha-Chlordane	29.5	1.64	"	33.2		88.9	40-140				
beta-BHC	35.2	1.64	"	33.2		106	40-140				
delta-BHC	26.8	1.64	"	33.2		80.8	40-140				
Dieldrin	28.0	1.64	"	33.2		84.3	40-140				
Endosulfan I	28.9	1.64	"	33.2		87.1	40-140				
Endosulfan II	27.9	1.64	"	33.2		83.9	40-140				
Endosulfan sulfate	27.9	1.64	"	33.2		84.1	40-140				
Endrin	25.7	1.64	"	33.2		77.3	40-140				
Endrin aldehyde	26.6	1.64	"	33.2		80.1	40-140				
Endrin ketone	27.5	1.64	"	33.2		82.9	40-140				
gamma-BHC (Lindane)	29.4	1.64	"	33.2		88.5	40-140				
gamma-Chlordane	29.8	1.64	"	33.2		89.8	40-140				
Heptachlor	28.0	1.64	"	33.2		84.4	40-140				
Heptachlor epoxide	30.4	1.64	"	33.2		91.6	40-140				
Methoxychlor	24.0	8.22	"	33.2		72.3	40-140				
Surrogate: Decachlorobiphenyl	*56.2*		*"*	*66.4*		*84.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*66.4*		*"*	*66.4*		*100*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20996 - EPA 3550C											
Blank (BI20996-BLK2)											
Prepared: 09/20/2022 Analyzed: 09/22/2022											
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0413*		*"*	*0.0667*		*62.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0430*		*"*	*0.0667*		*64.5*	*30-140*				
LCS (BI20996-BS2)											
Prepared: 09/20/2022 Analyzed: 09/22/2022											
Aroclor 1016	0.135	0.0167	mg/kg wet	0.333		40.5	40-130				
Aroclor 1260	0.146	0.0167	"	0.333		43.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0390*		*"*	*0.0667*		*58.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0483*		*"*	*0.0667*		*72.5*	*30-140*				
Batch BI20999 - EPA 3550C											
Blank (BI20999-BLK2)											
Prepared: 09/20/2022 Analyzed: 09/21/2022											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0681*		*"*	*0.0664*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0774*		*"*	*0.0664*		*116*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20999 - EPA 3550C											
LCS (BI20999-BS2)									Prepared: 09/20/2022 Analyzed: 09/21/2022		
Aroclor 1016	0.331	0.0166	mg/kg wet	0.332		99.7	40-130				
Aroclor 1260	0.361	0.0166	"	0.332		109	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0664*		*"*	*0.0664*		*100*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0797*		*"*	*0.0664*		*120*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20593 - EPA 3050B											
Blank (BI20593-BLK1)											
Prepared: 09/13/2022 Analyzed: 09/16/2022											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BI20593-DUP1)	*Source sample: 22I0332-02 (SP-2 (8-10))										
Prepared: 09/13/2022 Analyzed: 09/16/2022											
Aluminum	13300	5.29	mg/kg dry		12700				4.59	35	
Antimony	2.72	2.64	"		3.55				26.7	35	
Arsenic	ND	1.59	"		ND					35	
Barium	122	2.64	"		108				11.6	35	
Beryllium	ND	0.053	"		ND					35	
Cadmium	ND	0.317	"		ND					35	
Calcium	32900	5.29	"		31500				4.24	35	
Chromium	22.0	0.529	"		22.0				0.189	35	
Cobalt	15.3	0.423	"		19.6				24.5	35	
Copper	13.0	2.12	"		14.9				13.7	35	
Iron	20000	26.4	"		19800				1.22	35	
Lead	11.5	0.529	"		14.5				22.8	35	
Magnesium	7890	5.29	"		8600				8.62	35	
Manganese	189	0.529	"		193				2.26	35	
Nickel	36.6	1.06	"		48.5				28.1	35	
Potassium	7330	5.29	"		6830				6.95	35	
Selenium	ND	2.64	"		ND					35	
Silver	1.50	0.529	"		1.15				27.0	35	
Sodium	158	52.9	"		194				20.4	35	
Thallium	ND	1.10	"		ND					35	
Vanadium	28.3	1.06	"		27.5				2.79	35	
Zinc	58.8	2.64	"		56.8				3.53	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20593 - EPA 3050B											
Matrix Spike (BI20593-MS1)	*Source sample: 22I0332-02 (SP-2 (8-10))								Prepared: 09/13/2022 Analyzed: 09/16/2022		
Aluminum	12600	5.29	mg/kg dry	176	12700	NR	75-125	Low Bias			
Antimony	6.72	2.64	"	22.0	3.55	14.4	75-125	Low Bias			
Arsenic	177	1.59	"	176	ND	101	75-125				
Barium	291	2.64	"	176	108	104	75-125				
Beryllium	1.17	0.053	"	4.41	ND	26.6	75-125	Low Bias			
Cadmium	3.66	0.317	"	4.41	ND	83.1	75-125				
Calcium	37800	5.29	"	88.1	31500	NR	75-125	High Bias			
Chromium	37.9	0.529	"	17.6	22.0	90.4	75-125				
Cobalt	59.4	0.423	"	44.1	19.6	90.3	75-125				
Copper	38.1	2.12	"	22.0	14.9	105	75-125				
Iron	19700	26.4	"	88.1	19800	NR	75-125	Low Bias			
Lead	56.2	0.529	"	44.1	14.5	94.6	75-125				
Magnesium	7610	5.29	"	88.1	8600	NR	75-125	Low Bias			
Manganese	246	0.529	"	44.1	193	119	75-125				
Nickel	79.4	1.06	"	44.1	48.5	69.9	75-125	Low Bias			
Potassium	6750	5.29	"	88.1	6830	NR	75-125	Low Bias			
Selenium	124	2.64	"	176	ND	70.5	75-125	Low Bias			
Silver	5.76	0.529	"	4.41	1.15	105	75-125				
Sodium	225	52.9	"	88.1	194	34.8	75-125	Low Bias			
Thallium	154	1.10	"	176	ND	87.2	75-125				
Vanadium	73.1	1.06	"	44.1	27.5	103	75-125				
Zinc	99.4	2.64	"	44.1	56.8	96.7	75-125				
Post Spike (BI20593-PS1)	*Source sample: 22I0332-02 (SP-2 (8-10))								Prepared: 09/13/2022 Analyzed: 09/16/2022		
Aluminum	148		ug/mL	2.00	144	196	75-125	High Bias			
Antimony	0.279		"	0.250	0.040	95.6	75-125				
Arsenic	2.18		"	2.00	-0.007	109	75-125				
Barium	3.42		"	2.00	1.23	109	75-125				
Beryllium	0.015		"	0.0500	-0.040	29.0	75-125	Low Bias			
Cadmium	0.048		"	0.0500	-0.007	96.2	75-125				
Calcium	353		"	1.00	357	NR	75-125	Low Bias			
Chromium	0.458		"	0.200	0.249	104	75-125				
Cobalt	0.787		"	0.500	0.222	113	75-125				
Copper	0.447		"	0.250	0.169	111	75-125				
Iron	226		"	1.00	225	153	75-125	High Bias			
Lead	0.698		"	0.500	0.165	107	75-125				
Magnesium	99.4		"	1.00	97.6	183	75-125	High Bias			
Manganese	2.75		"	0.500	2.19	111	75-125				
Nickel	1.15		"	0.500	0.551	119	75-125				
Potassium	74.3		"	1.00	77.5	NR	75-125	Low Bias			
Selenium	1.56		"	2.00	-0.189	78.1	75-125				
Silver	0.040		"	0.0500	0.013	53.8	75-125	Low Bias			
Sodium	2.56		"	1.00	2.20	35.8	75-125	Low Bias			
Thallium	1.88		"	2.00	-0.025	94.1	75-125				
Vanadium	0.843		"	0.500	0.312	106	75-125				
Zinc	1.20		"	0.500	0.644	112	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20593 - EPA 3050B											
Reference (BI20593-SRM1)								Prepared: 09/13/2022 Analyzed: 09/16/2022			
Aluminum	7750	5.00	mg/kg wet	6640		117	49.7-150.6				
Antimony	57.4	2.50	"	113		50.7	20.4-249.3				
Arsenic	88.6	1.50	"	72.8		122	70-130.4				
Barium	388	2.50	"	289		134	75.2-130.3	High Bias			
Beryllium	108	0.050	"	85.8		125	74.8-132				
Cadmium	169	0.300	"	133		127	75-145.6				
Calcium	3730	5.00	"	3420		109	71.7-139.3				
Chromium	260	0.500	"	192		135	70.1-134.2	High Bias			
Cobalt	277	0.400	"	201		138	75.1-141.5				
Copper	164	2.00	"	120		136	75-126.4	High Bias			
Iron	13000	25.0	"	11800		110	35.3-164.8				
Lead	260	0.500	"	222		117	74.1-125.9				
Magnesium	2460	5.00	"	1850		133	61.3-138.7				
Manganese	604	0.500	"	462		131	77.3-132.8				
Nickel	388	1.00	"	292		133	70-144				
Potassium	2010	5.00	"	1620		124	58.2-141.8				
Selenium	93.3	2.50	"	108		86.1	66.9-133.8				
Silver	56.1	0.500	"	47.6		118	70.2-129.8				
Sodium	ND	50.0	"	97.5			30.5-170.1	Low Bias			
Thallium	71.4	1.04	"	62.8		114	64.3-135.3				
Vanadium	89.6	1.00	"	73.8		121	65.6-134.3				
Zinc	171	2.50	"	133		129	70-130				
Batch BI20594 - EPA 3050B											
Blank (BI20594-BLK1)								Prepared: 09/13/2022 Analyzed: 09/19/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	19.4	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20594 - EPA 3050B											
Duplicate (BI20594-DUP1)	*Source sample: 22I0333-10 (Duplicate)								Prepared: 09/13/2022 Analyzed: 09/19/2022		
Aluminum	2050	5.93	mg/kg dry		3540				53.6	35	Non-dir.
Antimony	ND	2.96	"		ND					35	
Arsenic	ND	1.78	"		ND					35	
Barium	14.2	2.96	"		28.6				67.1	35	Non-dir.
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.356	"		ND					35	
Calcium	2080	5.93	"		3500				50.9	35	Non-dir.
Chromium	3.89	0.593	"		8.69				76.3	35	Non-dir.
Cobalt	1.60	0.474	"		2.64				49.1	35	Non-dir.
Copper	6.13	2.37	"		11.4				59.7	35	Non-dir.
Iron	3470	29.6	"		5620				47.4	35	Non-dir.
Lead	11.7	0.593	"		25.8				75.3	35	Non-dir.
Magnesium	506	5.93	"		1060				70.7	35	Non-dir.
Manganese	58.9	0.593	"		112				61.9	35	Non-dir.
Nickel	2.17	1.19	"		5.79				91.0	35	Non-dir.
Potassium	238	5.93	"		390				48.3	35	Non-dir.
Selenium	ND	2.96	"		ND					35	
Silver	ND	0.593	"		ND					35	
Sodium	115	59.3	"		130				13.0	35	
Thallium	ND	1.23	"		1.32					35	
Vanadium	5.53	1.19	"		10.9				65.7	35	Non-dir.
Zinc	13.5	2.96	"		27.8				68.9	35	Non-dir.
Matrix Spike (BI20594-MS1)	*Source sample: 22I0333-10 (Matrix Spike)								Prepared: 09/13/2022 Analyzed: 09/19/2022		
Aluminum	2820	5.93	mg/kg dry	198	3540	NR	75-125	Low Bias			
Antimony	11.8	2.96	"	24.7	ND	47.6	75-125	Low Bias			
Arsenic	202	1.78	"	198	ND	102	75-125				
Barium	237	2.96	"	198	28.6	105	75-125				
Beryllium	4.92	0.059	"	4.94	ND	99.6	75-125				
Cadmium	4.92	0.356	"	4.94	ND	99.5	75-125				
Calcium	5610	5.93	"	98.8	3500	NR	75-125	High Bias			
Chromium	25.8	0.593	"	19.8	8.69	86.4	75-125				
Cobalt	54.7	0.474	"	49.4	2.64	105	75-125				
Copper	39.0	2.37	"	24.7	11.4	112	75-125				
Iron	5150	29.6	"	98.8	5620	NR	75-125	Low Bias			
Lead	82.8	0.593	"	49.4	25.8	115	75-125				
Magnesium	917	5.93	"	98.8	1060	NR	75-125	Low Bias			
Manganese	143	0.593	"	49.4	112	64.0	75-125	Low Bias			
Nickel	55.0	1.19	"	49.4	5.79	99.7	75-125				
Potassium	393	5.93	"	98.8	390	2.93	75-125	Low Bias			
Selenium	157	2.96	"	198	ND	79.4	75-125				
Silver	4.42	0.593	"	4.94	ND	89.5	75-125				
Sodium	118	59.3	"	98.8	130	NR	75-125	Low Bias			
Thallium	197	1.23	"	198	1.32	99.3	75-125				
Vanadium	60.2	1.19	"	49.4	10.9	99.7	75-125				
Zinc	73.8	2.96	"	49.4	27.8	93.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20594 - EPA 3050B											
Post Spike (BI20594-PS1)	*Source sample: 22I0333-10 (Post Spike)								Prepared: 09/13/2022 Analyzed: 09/19/2022		
Aluminum	38.1		ug/mL	2.00	35.9	113	75-125				
Antimony	0.266		"	0.250	0.012	101	75-125				
Arsenic	2.30		"	2.00	0.017	114	75-125				
Barium	2.65		"	2.00	0.289	118	75-125				
Beryllium	0.053		"	0.0500	-0.004	105	75-125				
Cadmium	0.056		"	0.0500	-0.00004	111	75-125				
Calcium	37.2		"	1.00	35.5	172	75-125	High Bias			
Chromium	0.312		"	0.200	0.088	112	75-125				
Cobalt	0.629		"	0.500	0.027	120	75-125				
Copper	0.411		"	0.250	0.115	118	75-125				
Iron	57.9		"	1.00	56.9	98.4	75-125				
Lead	0.879		"	0.500	0.261	123	75-125				
Magnesium	11.5		"	1.00	10.7	75.8	75-125				
Manganese	1.73		"	0.500	1.13	119	75-125				
Nickel	0.624		"	0.500	0.059	113	75-125				
Potassium	5.04		"	1.00	3.95	109	75-125				
Selenium	1.78		"	2.00	-0.088	89.2	75-125				
Silver	0.035		"	0.0500	-0.0002	69.2	75-125	Low Bias			
Sodium	2.18		"	1.00	1.32	86.4	75-125				
Thallium	2.29		"	2.00	0.013	114	75-125				
Vanadium	0.686		"	0.500	0.111	115	75-125				
Zinc	0.858		"	0.500	0.281	115	75-125				
Reference (BI20594-SRM1)									Prepared: 09/13/2022 Analyzed: 09/19/2022		
Aluminum	8800	5.00	mg/kg wet	6640		132	49.7-150.6				
Antimony	64.1	2.50	"	113		56.6	20.4-249.3				
Arsenic	99.6	1.50	"	72.8		137	70-130.4	High Bias			
Barium	403	2.50	"	289		139	75.2-130.3	High Bias			
Beryllium	111	0.050	"	85.8		129	74.8-132				
Cadmium	168	0.300	"	133		126	75-145.6				
Calcium	4030	5.00	"	3420		118	71.7-139.3				
Chromium	257	0.500	"	192		133	70.1-134.2				
Cobalt	271	0.400	"	201		135	75.1-141.5				
Copper	172	2.00	"	120		143	75-126.4	High Bias			
Iron	15100	25.0	"	11800		127	35.3-164.8				
Lead	288	0.500	"	222		130	74.1-125.9	High Bias			
Magnesium	2670	5.00	"	1850		144	61.3-138.7	High Bias			
Manganese	610	0.500	"	462		132	77.3-132.8				
Nickel	386	1.00	"	292		132	70-144				
Potassium	2320	5.00	"	1620		143	58.2-141.8	High Bias			
Selenium	94.4	2.50	"	108		87.2	66.9-133.8				
Silver	36.1	0.500	"	47.6		75.9	70.2-129.8				
Sodium	ND	50.0	"	97.5			30.5-170.1	Low Bias			
Thallium	68.6	1.04	"	62.8		109	64.3-135.3				
Vanadium	97.6	1.00	"	73.8		132	65.6-134.3				
Zinc	174	2.50	"	133		131	70-130	High Bias			

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21228 - EPA 7473 soil											
Blank (BI21228-BLK1)								Prepared & Analyzed: 09/23/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI21228-DUP1)	*Source sample: 22I0328-01 (Duplicate)							Prepared & Analyzed: 09/23/2022			
Mercury	0.134	0.0328	mg/kg dry		0.172				24.7	35	
Matrix Spike (BI21228-MS1)	*Source sample: 22I0328-01 (Matrix Spike)							Prepared & Analyzed: 09/23/2022			
Mercury	0.668		mg/kg	0.500	0.157	102	75-125				
Reference (BI21228-SRM1)								Prepared & Analyzed: 09/23/2022			
Mercury	32.065		mg/kg	27.2		118	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21195 - EPA SW846-3060											
Blank (BI21195-BLK1)								Prepared & Analyzed: 09/22/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI21195-DUP1)	*Source sample: 22I0333-09 (Duplicate)							Prepared & Analyzed: 09/22/2022			
Chromium, Hexavalent	ND	0.528	mg/kg dry		ND					35	
Matrix Spike (BI21195-MS1)	*Source sample: 22I0333-09 (Matrix Spike)							Prepared & Analyzed: 09/22/2022			
Chromium, Hexavalent	19.9	0.528	mg/kg dry	21.1	ND	94.2	75-125				
Reference (BI21195-SRM1)								Prepared & Analyzed: 09/22/2022			
Chromium, Hexavalent	110		mg/L	131		83.6	33.8-169.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20791 - % Solids Prep											
Duplicate (BI20791-DUP1)	*Source sample: 22I0332-04 (SP-4 (4-6))								Prepared: 09/15/2022 Analyzed: 09/16/2022		
% Solids	86.2	0.100	%		79.3				8.35	20	
Batch BI20822 - % Solids Prep											
Duplicate (BI20822-DUP1)	*Source sample: 22I0211-02 (Duplicate)								Prepared & Analyzed: 09/16/2022		
% Solids	87.4	0.100	%		88.1				0.784	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22I0332-01	SP-1 (8-10)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
22I0332-02	SP-2 (8-10)	40mL Vial with Stir Bar-Cool 4° C
22I0332-03	SP-3 (10-12)	40mL Vial with Stir Bar-Cool 4° C
22I0332-04	SP-4 (4-6)	40mL Vial with Stir Bar-Cool 4° C
22I0332-05	SP-5 (6-8)	40mL Vial with Stir Bar-Cool 4° C
22I0332-06	SP-6 (2-4)	40mL Vial with Stir Bar-Cool 4° C
22I0332-07	SP-7 (0-2)	40mL Vial with Stir Bar-Cool 4° C
22I0332-08	SP-8 (1-3)	40mL Vial with Stir Bar-Cool 4° C
22I0332-09	SP-9 (1-3)	40mL Vial with Stir Bar-Cool 4° C
22I0332-10	SP-10 (8-10)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
22I0332-11	SP-11 (10-12)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-SRD1	The serial dilution for this element was outside control limits.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PF-CCV-H	The CCV recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
PCB-Q	The Aroclor pattern exhibited by the sample did not match reference Aroclors or their mixtures. The Aroclor identified is a best effort assignment based upon analyst interpretation.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported

RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

Field Chain-of-Custody Record

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

YORK Project No. 22J0332

YOUR Information	Report To:	Invoice To:
Company: Hydrotech Environmental	Company: Same	Company: Same
Address: 231 west 29th st New York, NY 10001	Address:	Address:
Phone: (631) 462-5886	Phone:	Phone:
Contact: Ruijie Xu	Contact:	Contact:
E-mail: rxu@hydrotechenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 220058

YOUR Project Name: 601-607 Union St Brooklyn, NY

YOUR PO#: 52931

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day ✓
- Standard (5-7 Day)

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

Samples Collected by: (print your name above and sign below) Ammarah Zaidi

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ⋮ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) UUSCOS, RRSCOS

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SP-1 (8'-10')	S	9/7/22 9AM	VOCs, SVOCs(BN), pesticides, PCB, ~~herbicides~~, TAL Metals (Cr3+&6+ required) + Emerging Contaminants	(1)8oz jar +
SP-2 (8'-10')		9:20AM	VOCs, SVOCs(BN), pesticides, PCB, ~~herbicides~~, TAL Metals	(1)4oz jar + 4 Terra
SP-3 (10'-12')		9:40AM	(Cr3+&6+ required)	+ 250 mL PFAS
SP-4 (4'-6')		10:00AM		
SP-5 (6'-8')		10:25AM		
SP-6 (2'-4')		10:30AM		
SP-7 (0'-2')		10:50AM		
SP-8 (1'-3')		11:15AM		
SP-9 (1'-3')		11:35AM		
SP-10 (8'-10')		11:55AM		

Comments:

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

Special Instruction: Field Filtered ___ Lab to Filter ✓

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ammarah Zaidi / HTE	9/7/22 1531		9/7/22 1534		9.7.22 1548
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
I.B	9.7.22 1548	I.B	9.7.22 2000		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					9/7/22 2000

Temp. Received at Lab: 4.1 Degrees C

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

Field Chain-of-Custody Record

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

YORK Project No. 22J0332

YOUR Information	Report To:	Invoice To:
Company: Hydrotech Environmental	Company: Same	Company: Same
Address: 231 West 29th St New York, NY 10001	Address:	Address:
Phone: (631) 462-5886	Phone:	Phone:
Contact: Kejie Xu	Contact:	Contact:
E-mail: rxu@hydrotechenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 220058

YOUR Project Name: 601-607 Union St Brooklyn NY

YOUR PO#: 52931

Turn-Around Time

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

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

Samples Collected by: (print your name above and sign below)
Ammarah Zaidi
Ammarah Zaidi

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
UUSCOs
RRSCOs

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SP-11 (10'-12')	S	12:35 PM 9/7/22	(VOCs, SVOCs (BN), Pesticides, PCBs, ~~herbicides~~, TAL Metals (Cr3+&6+ required)	(1) 8oz jar + (1) 4oz jar + 4Encore + 250mL PFAS
~~SP-12~~	S	~~12:40 PM~~ 9/7/22		

Comments:

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

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ammarah Zaidi / HTE	9/7/22 10:34		9/7/22 1534		9.7.22 1548
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
I. B	9.7.22 1548	I. B	9.7.22 2000		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					9/7/22 2000 / 4.1 Degrees C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Report Date: 09/27/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0453

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/27/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0453

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 08, 2022 and listed below. The project was identified as your project: **220058 601-607 Union St., Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

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

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

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22I0453-01	MW-1	Water	09/08/2022	09/08/2022
22I0453-02	MW-2	Water	09/08/2022	09/08/2022
22I0453-03	MW-3	Water	09/08/2022	09/08/2022
22I0453-04	SP-13 (10-12)	Soil	09/08/2022	09/08/2022
22I0453-05	SP-14 (6-8)	Soil	09/08/2022	09/08/2022
22I0453-06	SP-12 (10-12)	Soil	09/08/2022	09/08/2022
22I0453-07	SP-17 (4-6)	Soil	09/08/2022	09/08/2022
22I0453-08	SP-15 (6-8)	Soil	09/08/2022	09/08/2022
22I0453-09	SP-16 (8-10)	Soil	09/08/2022	09/08/2022

General Notes for York Project (SDG) No.: 22I0453

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

Approved By: **Date:** 09/27/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22I0453-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**1.21**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22I0453-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**8.04**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**1.47**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*126 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*			*79-122*						

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH NELAC-NY10854,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH NELAC-NY10854,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH NELAC-NY10854,PADEP
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	09/14/2022 08:05	09/14/2022 19:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 19:38	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.0 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.1 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.82**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
120-12-7	**Anthracene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
206-44-0	**Fluoranthene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
86-73-7	**Fluorene**	**0.678**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
91-20-3	**Naphthalene**	**1.82**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 21:57	KH
85-01-8	**Phenanthrene**	**0.722**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH
129-00-0	**Pyrene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 21:57	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.304**		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	09/15/2022 10:56	09/16/2022 13:51	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22I0453-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**3.88**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**5.44**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**6.05**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**69.9**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**5.69**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**5.78**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:25	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*79.7 %*	*25-150*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22I0453-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*84.1 %*			*25-150*					
	Surrogate: M3PFHxS	*110 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*110 %*			*25-150*					
	Surrogate: M6PFDA	*121 %*			*25-150*					
	Surrogate: M7PFUdA	*111 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*108 %*			*25-150*					
	Surrogate: M2PFTeDA	*84.4 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*123 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*92.9 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.9 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*109 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*143 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*274 %*	PFSu-H		*25-200*					
	Surrogate: M2-8:2 FTS	*221 %*	PFSu-H		*25-200*					
	Surrogate: M9PFNA	*99.8 %*			*25-150*					

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00523**		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:00	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 04:59	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 04:59	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 04:59	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 04:59	BJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**504**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**20.2**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2590**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**1.48**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.479**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.79**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1320**		mg/L	27.8	100	EPA 6010D	09/13/2022 12:07	09/15/2022 22:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**52.7**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**232**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**20.2**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1.55**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**73.3**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.0413**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**141**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**1.61**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**58.4**		mg/L	0.278	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.152**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**133**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0201**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**19.5**		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.461**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.6**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**46.5**		mg/L	0.556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0517**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22I0453-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**24.6**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4090**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**20.2**		ug/L	3.33	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**220**		ug/L	5.56	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2040**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**16.0**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**7.29**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**11.3**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.40**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**1.48**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
							Certifications:			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/14/2022 06:44	09/14/2022 20:40	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**2.84**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44	09/14/2022 20:40	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/14/2022 06:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 20:40	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/14/2022 06:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 20:40	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*79-122*

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:09	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:09	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:09	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Semi-volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:09	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:09	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.2 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.514**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
208-96-8	**Acenaphthylene**	**0.0571**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
120-12-7	**Anthracene**	**0.206**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
56-55-3	**Benzo(a)anthracene**	**0.171**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
50-32-8	**Benzo(a)pyrene**	**0.114**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
205-99-2	**Benzo(b)fluoranthene**	**0.126**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
207-08-9	**Benzo(k)fluoranthene**	**0.149**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 22:29	KH
218-01-9	**Chrysene**	**0.183**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
206-44-0	**Fluoranthene**	**0.503**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
86-73-7	**Fluorene**	**0.286**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 22:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 22:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/14/2022 08:05	09/14/2022 22:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 22:29	KH

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22I0453-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes: **Sample Notes:** **EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.811**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.800**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.309**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/15/2022 10:56	09/16/2022 14:08	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**2.08**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.55**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**10.6**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
							Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22I0453-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:38	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.9 %*	*25-150*
Surrogate: M5PFHxA	*93.8 %*	*25-150*
Surrogate: M4PFHpA	*94.5 %*	*25-150*
Surrogate: M3PFHxS	*101 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*120 %*	*25-150*
Surrogate: M6PFDA	*116 %*	*25-150*
Surrogate: M7PFUdA	*101 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*95.7 %*	*25-150*
Surrogate: M2PFTeDA	*70.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*108 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*94.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*12.4 %*	*10-150*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22I0453-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*104 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*111 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*151 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*156 %*			*25-200*					
	Surrogate: M9PFNA	*95.3 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/12/2022 07:28	09/23/2022 04:17	CM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:17	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:17	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:17	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:17	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:17	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:13	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28	09/13/2022 05:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22I0453-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**96.0**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**3.42**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**494**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.364**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.103**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**2.54**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**486**		mg/L	2.78	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:28	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**33.4**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**33.3**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**8.31**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**12.2**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**0.0120**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**38.8**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.421**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**10.7**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.111**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**187**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22I0453-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7439-92-1	**Lead**	**0.0119**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7439-95-4	**Magnesium**	**8.20**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7439-96-5	**Manganese**	**0.578**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-09-7	**Potassium**	**6.61**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-23-5	**Sodium**	**19.1**		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 14:04	09/16/2022 18:49	AJL

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**32.7**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT
7440-38-2	**Arsenic**	**434**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT
7440-41-7	**Beryllium**	**1.80**		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT
7440-43-9	**Cadmium**	**10.5**		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT
7782-49-2	**Selenium**	**90.8**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 10:25	09/22/2022 19:14	KT

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**11.3**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**17.6**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.92**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.364**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
							Certifications:			

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22I0453-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.400**	J	ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22I0453-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.82**		ug/L	1.00	2.00	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 16:11	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22I0453-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
75-09-2	**Methylene chloride**	**1.34**	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/15/2022 16:11	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/15/2022 16:11	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.870**	Cal-E, J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 16:11	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/15/2022 16:11	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*69-130*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*			*79-122*						

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,PADEP	09/14/2022 20:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	09/14/2022 08:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:39	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 20:39	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.8 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.116**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
56-55-3	**Benzo(a)anthracene**	**0.0737**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
50-32-8	**Benzo(a)pyrene**	**0.0632**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0526**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 08:05	09/14/2022 23:01	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.0632**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.611**	B	ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	**Chrysene**	**0.0737**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.189**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0632**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.684**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.221**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.126**		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/15/2022 10:56	09/16/2022 14:26	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22I0453-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**3.47**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**10.6**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**9.26**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**43.0**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**15.1**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**11.0**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 18:51	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*86.0 %*	*25-150*
Surrogate: M5PFHxA	*84.1 %*	*25-150*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22I0453-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*82.9 %*			*25-150*					
	Surrogate: M3PFHxS	*101 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*114 %*			*25-150*					
	Surrogate: M6PFDA	*102 %*			*25-150*					
	Surrogate: M7PFUdA	*90.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.6 %*			*25-150*					
	Surrogate: M2PFTeDA	*71.2 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*93.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*101 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.0 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*92.0 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*101 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*143 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*167 %*			*25-200*					
	Surrogate: M9PFNA	*93.8 %*			*25-150*					

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:34	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:26	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:26	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:26	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:26	BJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:26	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:26	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:26	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28	09/13/2022 05:26	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**119**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-39-3	**Barium**	**15.0**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-70-2	**Calcium**	**1160**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-47-3	**Chromium**	**0.331**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-48-4	**Cobalt**	**0.112**		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-50-8	**Copper**	**1.09**		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7439-89-6	**Iron**	**298**		mg/L	2.78	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 20:31	AJL
7439-92-1	**Lead**	**20.3**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7439-95-4	**Magnesium**	**106**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7439-96-5	**Manganese**	**6.18**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-02-0	**Nickel**	**0.288**		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-09-7	**Potassium**	**27.0**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL
7440-22-4	**Silver**	**0.0182**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:17	AJL

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**73.8**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.467**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**7.22**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.202**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**245**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.00523**		mg/L	0.00444	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0601**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**58.2**		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.720**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**16.6**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**0.00735**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**64.3**		mg/L	0.556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.0111**		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.104**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**16.1**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**149**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.39**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**8.38**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**44.1**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**1.46**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**8.08**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**18.6**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.60**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0004**		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.331**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
							Certifications:			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	**2-Butanone**	**2.7**	J	ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**32**		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**24**		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:05	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH	09/14/2022 00:05	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:05	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 00:05	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:12	GMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:12	GMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:12	GMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:12	GMA
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:12	GMA
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:12	GMA

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 NELAC-NY10854,NJDEP,PADEP	GMA
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
83-32-9	**Acenaphthene**	**0.150**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
62-53-3	Aniline	ND		mg/kg dry	0.221	0.442	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 NELAC-NY10854,NJDEP,PADEP	GMA
120-12-7	**Anthracene**	**0.239**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
56-55-3	**Benzo(a)anthracene**	**0.460**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
50-32-8	**Benzo(a)pyrene**	**0.382**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
205-99-2	**Benzo(b)fluoranthene**	**0.280**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
191-24-2	**Benzo(g,h,i)perylene**	**0.164**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
207-08-9	**Benzo(k)fluoranthene**	**0.309**		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D Certifications:	09/22/2022 08:55	09/23/2022 20:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	GMA

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.109**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.447**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0705**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0723**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.11**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.138**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.157**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0679**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.987**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.923**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.9 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*		*21-113*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/23/2022 10:05	09/24/2022 16:44	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	HT-01R	*39-127.5*						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.530**		ug/kg dry	0.308	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 07:51	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.3 %*	*25-150*
Surrogate: M5PFHxA	*74.7 %*	*25-150*
Surrogate: M4PFHpA	*77.0 %*	*25-150*
Surrogate: M3PFHxS	*89.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*116 %*	*25-150*
Surrogate: M6PFDA	*67.1 %*	*25-150*
Surrogate: M7PFUdA	*57.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.7 %*	*25-150*
Surrogate: M2PFTeDA	*65.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*88.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*63.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*71.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*68.5 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*70.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*87.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*167 %*	*25-200*
Surrogate: M2-8:2 FTS	*112 %*	*25-200*
Surrogate: M9PFNA	*76.9 %*	*25-150*

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
309-00-2	Aldrin	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 04:51	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	44.6	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854	09/23/2022 04:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
72-20-8	Endrin	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 04:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.23	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	11.2	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM
8001-35-2	Toxaphene	ND		ug/kg dry	113	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 04:51	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*122 %*	*30-150*

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 22:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0225	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 22:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7100**		mg/kg dry	6.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL
7440-36-0	**Antimony**	**4.58**		mg/kg dry	3.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL
7440-38-2	**Arsenic**	**19.6**		mg/kg dry	2.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL
7440-39-3	**Barium**	**167**		mg/kg dry	3.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.069	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.414	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:18	09/19/2022 19:55	AJL

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**15800**	B	mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.82**		mg/kg dry	0.552	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**50.9**		mg/kg dry	2.76	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**25500**		mg/kg dry	34.5	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**377**		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3030**		mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**318**		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.2**		mg/kg dry	1.38	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1220**		mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	69.0	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.1**		mg/kg dry	1.38	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**296**		mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.31**		mg/kg dry	0.0407	1	EPA 7473	09/24/2022 10:45	09/24/2022 14:25	KT
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.679	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.4**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.7**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	86	170	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	8.6	17	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 00:33	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/14/2022 00:33	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
100-42-5	Styrene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
108-88-3	Toluene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH	09/14/2022 00:33	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 00:33	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	26	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 00:33	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:42	GMA

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:42	GMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 20:42	GMA
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
91-57-6	**2-Methylnaphthalene**	**0.0568**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
83-32-9	**Acenaphthene**	**0.190**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
208-96-8	**Acenaphthylene**	**0.138**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
120-12-7	**Anthracene**	**0.598**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
56-55-3	**Benzo(a)anthracene**	**1.65**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
50-32-8	**Benzo(a)pyrene**	**1.56**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
205-99-2	**Benzo(b)fluoranthene**	**1.15**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
191-24-2	**Benzo(g,h,i)perylene**	**0.670**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
207-08-9	**Benzo(k)fluoranthene**	**1.23**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
86-74-8	**Carbazole**	**0.151**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
218-01-9	**Chrysene**	**1.52**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
53-70-3	**Dibenzo(a,h)anthracene**	**0.269**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
132-64-9	**Dibenzofuran**	**0.115**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
206-44-0	**Fluoranthene**	**2.82**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
86-73-7	**Fluorene**	**0.213**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.683**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
78-59-1	Isophorone	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
91-20-3	**Naphthalene**	**0.0997**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 20:42	GMA

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 20:42	GMA
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 20:42	GMA
85-01-8	**Phenanthrene**	**1.80**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 20:42	GMA
129-00-0	**Pyrene**	**2.46**		mg/kg dry	0.0488	0.0974	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 20:42	GMA

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/23/2022 10:05	09/24/2022 17:01	KH

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	HT-01R	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ

Sample Information

Client Sample ID: SP-14 (6-8)

York Sample ID: 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV -L	ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.291	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:03	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*70.6 %*	*25-150*
Surrogate: M5PFHxA	*71.3 %*	*25-150*
Surrogate: M4PFHpA	*77.3 %*	*25-150*
Surrogate: M3PFHxS	*81.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*103 %*	*25-150*
Surrogate: M6PFDA	*70.5 %*	*25-150*
Surrogate: M7PFUdA	*58.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*61.7 %*	*25-150*
Surrogate: M2PFTeDA	*53.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*83.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*69.8 %*	*25-150*

Sample Information

Client Sample ID: **SP-14 (6-8)** **York Sample ID:** **22I0453-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*53.4 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*66.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*68.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*118 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*62.7 %*		*25-200*						
	Surrogate: M9PFNA	*78.4 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
309-00-2	Aldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/21/2022 08:47	09/23/2022 05:42	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	38.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	09/21/2022 08:47	09/23/2022 05:42	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
72-20-8	Endrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 05:42	CM

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:42	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 05:42	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:42	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:42	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.55	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:42	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.7	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:42	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*111 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 22:49	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 22:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*114 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **SP-14 (6-8)** **York Sample ID:** **22I0453-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

7429-90-5	**Aluminum**	**6230**		mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**4.16**		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.99**		mg/kg dry	1.89	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**64.9**		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.378	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4330**	B	mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.40**		mg/kg dry	0.505	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.5**		mg/kg dry	2.52	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18700**		mg/kg dry	31.5	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**763**		mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2080**		mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**228**		mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**20.0**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1100**		mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**264**		mg/kg dry	63.1	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.2**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**58.9**		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.04**		mg/kg dry	0.0353	1	EPA 7473	09/24/2022 10:45	09/24/2022 14:37	KT
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.5**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**47**		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:02	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 21:14	GMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 21:14	GMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,PADEP	09/23/2022 21:14	GMA
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
91-57-6	**2-Methylnaphthalene**	**0.466**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
83-32-9	**Acenaphthene**	**0.966**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
208-96-8	**Acenaphthylene**	**0.361**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
62-53-3	Aniline	ND		mg/kg dry	0.203	0.405	2	EPA 8270D Certifications:	09/22/2022 08:55 NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
120-12-7	**Anthracene**	**1.93**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
56-55-3	**Benzo(a)anthracene**	**4.31**		mg/kg dry	0.253	0.506	10	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/24/2022 17:42	KH
50-32-8	**Benzo(a)pyrene**	**4.41**		mg/kg dry	0.253	0.506	10	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/24/2022 17:42	KH
205-99-2	**Benzo(b)fluoranthene**	**2.62**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA
191-24-2	**Benzo(g,h,i)perylene**	**1.64**		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications:	09/22/2022 08:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 21:14	GMA

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**2.55**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.785**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**4.12**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.521**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.604**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**9.30**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1.10**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.49**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.07**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 21:14	GMA
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 21:14	GMA
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 21:14	GMA
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/23/2022 21:14	GMA
85-01-8	**Phenanthrene**	**8.32**		mg/kg dry	0.253	0.506	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/24/2022 17:42	KH
129-00-0	**Pyrene**	**8.14**		mg/kg dry	0.253	0.506	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 08:55	09/24/2022 17:42	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.1 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	09/23/2022 10:05	09/24/2022 17:18	KH

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	HT-01R	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.313**		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.328**		ug/kg dry	0.290	1	EPA 537m Certifications:	09/13/2022 14:16	09/17/2022 08:16	ESJ

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*114 %*		*25-150*
Surrogate: M5PFHxA	*74.0 %*		*25-150*
Surrogate: M4PFHpA	*59.3 %*		*25-150*
Surrogate: M3PFHxS	*139 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*109 %*		*25-150*
Surrogate: M6PFDA	*88.8 %*		*25-150*
Surrogate: M7PFUdA	*79.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*76.2 %*		*25-150*
Surrogate: M2PFTeDA	*78.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*153 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*114 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*124 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*48.1 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*101 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*79.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*383 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*285 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*88.4 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
309-00-2	Aldrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 05:59	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	40.5	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854	09/23/2022 05:59	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
72-20-8	Endrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 05:59	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 05:59	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:03	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 23:03	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-140*

Sample Information

Client Sample ID: **SP-12 (10-12)** **York Sample ID:** **22I0453-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4350**		mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**20.7**		mg/kg dry	1.95	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**677**		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.390	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8880**	B	mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.12**		mg/kg dry	0.520	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**57.7**		mg/kg dry	2.60	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12000**		mg/kg dry	32.5	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**740**		mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**729**		mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**118**		mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.1**		mg/kg dry	1.30	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**720**	B	mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**160**		mg/kg dry	65.0	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.35	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.4**		mg/kg dry	1.30	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**236**		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**10.8**		mg/kg dry	0.0370	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:10	KT
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.617	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.8**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.0**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	93	190	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**28**		ug/kg dry	9.3	19	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:30	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/14/2022 01:30	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/14/2022 01:30	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
100-42-5	Styrene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
108-88-3	Toluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH	09/14/2022 01:30	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:30	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	28	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 01:30	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*76-130*

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 NELAC-NY10854,PADEP	09/22/2022 18:08	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 NELAC-NY10854,PADEP	09/22/2022 18:08	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 NELAC-NY10854,PADEP	09/22/2022 18:08	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
208-96-8	**Acenaphthylene**	**0.0789**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications:	09/21/2022 08:31 NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
120-12-7	**Anthracene**	**0.121**		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
56-55-3	**Benzo(a)anthracene**	**0.313**		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
50-32-8	**Benzo(a)pyrene**	**0.333**		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH
205-99-2	**Benzo(b)fluoranthene**	**0.272**		mg/kg dry	0.0485	0.0968	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:08	KH

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**0.173**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.299**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0549**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.343**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.656**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0658**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.155**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.0542**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.527**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.504**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.9 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.4 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	38.4	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	09/21/2022 08:47	09/23/2022 06:15	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/21/2022 08:47	09/23/2022 06:15	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM
8001-35-2	Toxaphene	ND		ug/kg dry	97.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:47	09/23/2022 06:15	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:16	BJ

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 23:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*118 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-36-0	**Antimony**	**5.50**		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-38-2	**Arsenic**	**7.11**		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-39-3	**Barium**	**91.7**		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-41-7	**Beryllium**	**0.075**		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-70-2	**Calcium**	**1650**	B	mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.615	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-48-4	**Cobalt**	**7.04**		mg/kg dry	0.492	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-50-8	**Copper**	**19.1**		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7439-89-6	**Iron**	**21100**		mg/kg dry	30.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7439-92-1	**Lead**	**103**		mg/kg dry	0.615	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7439-95-4	**Magnesium**	**2710**		mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7439-96-5	**Manganese**	**331**		mg/kg dry	0.615	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-02-0	**Nickel**	**20.2**		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL
7440-09-7	**Potassium**	**1200**	B	mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:15	AJL

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.615	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**2310**		mg/kg dry	61.5	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.28	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	1.23	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.9**		mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.28**		mg/kg dry	0.0351	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:23	KT
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.9**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.6**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SP-15 (6-8)** **York Sample ID:** **22I0453-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	**2-Butanone**	**9.9**		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 01:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**57**		ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
75-09-2	**Methylene chloride**	**6.8**	J	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/14/2022 01:59	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/14/2022 01:59	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH	09/14/2022 01:59	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/14/2022 01:59	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	09/13/2022 06:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/14/2022 01:59	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*			*76-130*						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
91-57-6	**2-Methylnaphthalene**	**1.39**		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH
83-32-9	**Acenaphthene**	**23.8**		mg/kg dry	0.493	0.985	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/23/2022 16:57	KH
208-96-8	**Acenaphthylene**	**13.3**		mg/kg dry	0.493	0.985	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/23/2022 16:57	KH
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 18:39	KH

Sample Information

Client Sample ID: **SP-15 (6-8)** **York Sample ID:** **22I0453-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**64.2**		mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**40.5**		mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**54.8**		mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**21.7**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**30.9**		mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**28.2**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**43.0**		mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**4.41**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.146**		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**107**		mg/kg dry	2.47	4.92	100	EPA 8270D	09/21/2022 08:31	09/24/2022 15:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**13.5**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**24.9**		mg/kg dry	0.493	0.985	20	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 16:57	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
91-20-3	**Naphthalene**	**2.43**		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2022 18:39	KH
85-01-8	**Phenanthrene**	**14.8**		mg/kg dry	0.493	0.985	20	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 16:57	KH
129-00-0	**Pyrene**	**183**		mg/kg dry	4.93	9.85	200	EPA 8270D Certifications:	09/21/2022 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/27/2022 13:18	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.5 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 06:32	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12789-03-6	Chlordane, total	ND		ug/kg dry	38.8	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854	09/23/2022 06:32	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 06:32	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.71	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM
8001-35-2	Toxaphene	ND		ug/kg dry	98.3	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:32	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*114 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:30	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:30	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	09/21/2022 08:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/22/2022 23:30	BJ

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:30	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:30	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:30	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:30	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 23:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3560**		mg/kg dry	6.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-36-0	Antimony	ND		mg/kg dry	3.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-38-2	**Arsenic**	**2.17**		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-39-3	**Barium**	**36.4**		mg/kg dry	3.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.379	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-70-2	**Calcium**	**212000**	B	mg/kg dry	6.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-47-3	**Chromium**	**6.43**		mg/kg dry	0.632	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-48-4	**Cobalt**	**3.07**		mg/kg dry	0.505	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7440-50-8	**Copper**	**13.7**		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7439-89-6	**Iron**	**4570**		mg/kg dry	31.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7439-92-1	**Lead**	**31.7**		mg/kg dry	0.632	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL
7439-95-4	**Magnesium**	**1220**		mg/kg dry	6.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:17	AJL

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**163**		mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**7.80**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**373**	B	mg/kg dry	6.32	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**3.66**		mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**878**		mg/kg dry	63.2	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**7.52**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**30.5**		mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.579**		mg/kg dry	0.0360	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:33	KT
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.600	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**6.43**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.3**		%	0.100	1	SM 2540G Certifications: CTDOH	09/16/2022 10:06	09/16/2022 15:58	LAR

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/13/2022 06:23	09/14/2022 02:27	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/13/2022 06:23	09/14/2022 02:27	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**8.5**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**50**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**12**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	09/13/2022 06:23	09/14/2022 02:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH	09/13/2022 06:23	09/14/2022 02:27	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/13/2022 06:23	09/14/2022 02:27	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/13/2022 06:23	09/14/2022 02:27	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
91-57-6	**2-Methylnaphthalene**	**0.888**		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/21/2022 08:31	09/22/2022 19:10	KH

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**4.01**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**4.67**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.223	0.446	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**24.8**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**30.3**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**25.2**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**17.0**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**9.29**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**20.4**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**2.66**		mg/kg dry	0.0558	0.111	2	EPA 8270D Certifications:	09/21/2022 08:31	09/22/2022 19:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**26.8**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**3.77**		mg/kg dry	0.558	1.11	20	EPA 8270D Certifications:	09/21/2022 08:31	09/23/2022 18:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**3.50**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**70.3**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**9.01**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**12.8**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.69**		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**72.8**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**57.5**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.3 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.6 %*	*24-116*

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
309-00-2	Aldrin	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 06:49	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	44.1	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854	09/23/2022 06:49	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
72-20-8	Endrin	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 NELAC-NY10854,NJDEP	09/23/2022 06:49	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM
8001-35-2	Toxaphene	ND		ug/kg dry	112	5	EPA 8081B Certifications:	09/21/2022 08:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/23/2022 06:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-150*

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*		*30-150*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2022 08:47	09/22/2022 23:43	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A Certifications:	09/21/2022 08:47	09/22/2022 23:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6670**		mg/kg dry	7.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL
7440-36-0	Antimony	ND		mg/kg dry	3.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL
7440-38-2	**Arsenic**	**12.6**		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL
7440-39-3	**Barium**	**209**		mg/kg dry	3.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL
7440-41-7	**Beryllium**	**0.107**		mg/kg dry	0.072	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.431	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 09:30	09/20/2022 17:19	AJL

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**6170**	B	mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.07**		mg/kg dry	0.574	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**45.2**		mg/kg dry	2.87	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9330**		mg/kg dry	35.9	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**296**		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1130**		mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**89.6**		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.7**		mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1340**	B	mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**196**		mg/kg dry	71.8	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.49	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.4**		mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**77.1**		mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**12.0**		mg/kg dry	0.0402	1	EPA 7473	09/24/2022 10:45	09/24/2022 16:11	KT
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.670	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.6**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BH21859 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/13/22
22I0453-05	SP-14 (6-8)	09/13/22
22I0453-06	SP-12 (10-12)	09/13/22
22I0453-07	SP-17 (4-6)	09/13/22
22I0453-08	SP-15 (6-8)	09/13/22
22I0453-09	SP-16 (8-10)	09/13/22
BH21859-BLK1	Blank	09/13/22
BH21859-BS1	LCS	09/13/22
BH21859-BSD1	LCS Dup	09/13/22

Batch ID: BI20439 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/09/22
22I0453-02	MW-2	09/09/22
22I0453-03	MW-3	09/09/22
BI20439-BLK1	Blank	09/09/22
BI20439-BS1	LCS	09/09/22
BI20439-DUP1	Duplicate	09/09/22
BI20439-MS1	Matrix Spike	09/09/22

Batch ID: BI20471 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/12/22
22I0453-01	MW-1	09/12/22
22I0453-02	MW-2	09/12/22
22I0453-02	MW-2	09/12/22
22I0453-03	MW-3	09/12/22
22I0453-03	MW-3	09/12/22
BI20471-BLK1	Blank	09/12/22
BI20471-BLK2	Blank	09/12/22
BI20471-BS1	LCS	09/12/22
BI20471-BS2	LCS	09/12/22
BI20471-BSD1	LCS Dup	09/12/22
BI20471-MS2	Matrix Spike	09/12/22
BI20471-MSD2	Matrix Spike Dup	09/12/22

Batch ID: BI20511 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/12/22
22I0453-02	MW-2	09/12/22
22I0453-03	MW-3	09/12/22

BI20511-BLK1	Blank	09/12/22
BI20511-BS1	LCS	09/12/22
BI20511-BSD1	LCS Dup	09/12/22

Batch ID: BI20586 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/13/22
22I0453-01RE1	MW-1	09/13/22
22I0453-01RE2	MW-1	09/13/22
22I0453-02	MW-2	09/13/22
22I0453-02RE1	MW-2	09/13/22
22I0453-03	MW-3	09/13/22
22I0453-03RE1	MW-3	09/13/22
BI20586-BLK1	Blank	09/13/22
BI20586-BS1	LCS	09/13/22
BI20586-DUP1	Duplicate	09/13/22
BI20586-MS1	Matrix Spike	09/13/22
BI20586-PS1	Post Spike	09/13/22

Batch ID: BI20595 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/13/22
22I0453-05	SP-14 (6-8)	09/13/22
22I0453-06	SP-12 (10-12)	09/13/22
BI20595-BLK1	Blank	09/13/22
BI20595-BS1	LCS	09/13/22
BI20595-MS1	Matrix Spike	09/13/22
BI20595-MSD1	Matrix Spike Dup	09/13/22

Batch ID: BI20625 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/14/22
22I0453-02	MW-2	09/14/22
22I0453-03	MW-3	09/14/22
BI20625-BLK1	Blank	09/14/22
BI20625-BLK2	Blank	09/14/22
BI20625-BS1	LCS	09/14/22
BI20625-BS2	LCS	09/14/22
BI20625-BSD1	LCS Dup	09/14/22

Batch ID: BI20708 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/14/22
22I0453-02	MW-2	09/14/22
BI20708-BLK1	Blank	09/14/22

BI20708-BS1	LCS	09/14/22
BI20708-BSD1	LCS Dup	09/14/22

Batch ID: BI20716 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/14/22
22I0453-02	MW-2	09/14/22
22I0453-03	MW-3	09/14/22
BI20716-BLK1	Blank	09/14/22
BI20716-BS1	LCS	09/14/22
BI20716-BS2	LCS	09/14/22

Batch ID: BI20766 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/15/22
22I0453-02	MW-2	09/15/22
22I0453-03	MW-3	09/15/22
BI20766-BLK1	Blank	09/15/22
BI20766-BS1	LCS	09/15/22
BI20766-MS1	Matrix Spike	09/15/22
BI20766-MSD1	Matrix Spike Dup	09/15/22

Batch ID: BI20783 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/15/22
22I0453-02	MW-2	09/15/22
22I0453-03	MW-3	09/15/22
BI20783-BLK1	Blank	09/15/22
BI20783-BS1	LCS	09/15/22
BI20783-DUP1	Duplicate	09/15/22
BI20783-MS1	Matrix Spike	09/15/22
BI20783-PS1	Post Spike	09/15/22

Batch ID: BI20784 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/15/22
22I0453-02	MW-2	09/15/22
22I0453-03	MW-3	09/15/22
BI20784-BLK1	Blank	09/15/22
BI20784-BS1	LCS	09/15/22
BI20784-DUP1	Duplicate	09/15/22
BI20784-MS1	Matrix Spike	09/15/22

Batch ID: BI20805 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/15/22
22I0453-02	MW-2	09/15/22
22I0453-03	MW-3	09/15/22
BI20805-BLK1	Blank	09/15/22
BI20805-BS1	LCS	09/15/22
BI20805-BS2	LCS	09/15/22

Batch ID: BI20807 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-03	MW-3	09/15/22
BI20807-BLK1	Blank	09/15/22
BI20807-BS1	LCS	09/15/22
BI20807-BSD1	LCS Dup	09/15/22

Batch ID: BI20845 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/16/22
22I0453-05	SP-14 (6-8)	09/16/22
BI20845-BLK1	Blank	09/16/22
BI20845-DUP1	Duplicate	09/16/22
BI20845-MS1	Matrix Spike	09/16/22
BI20845-PS1	Post Spike	09/16/22
BI20845-SRM1	Reference	09/16/22

Batch ID: BI20853 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-06	SP-12 (10-12)	09/16/22
22I0453-07	SP-17 (4-6)	09/16/22
22I0453-08	SP-15 (6-8)	09/16/22
22I0453-09	SP-16 (8-10)	09/16/22
BI20853-BLK1	Blank	09/16/22
BI20853-DUP1	Duplicate	09/16/22
BI20853-MS1	Matrix Spike	09/16/22
BI20853-PS1	Post Spike	09/16/22
BI20853-SRM1	Reference	09/16/22

Batch ID: BI20856 **Preparation Method:** % Solids Prep **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/16/22
22I0453-05	SP-14 (6-8)	09/16/22
22I0453-06	SP-12 (10-12)	09/16/22
22I0453-07	SP-17 (4-6)	09/16/22

22I0453-08	SP-15 (6-8)	09/16/22
22I0453-09	SP-16 (8-10)	09/16/22
BI20856-DUP1	Duplicate	09/16/22

Batch ID: BI20903 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/19/22
22I0453-02	MW-2	09/19/22
22I0453-03	MW-3	09/19/22
BI20903-BLK1	Blank	09/19/22
BI20903-BS1	LCS	09/19/22
BI20903-DUP1	Duplicate	09/19/22
BI20903-MS1	Matrix Spike	09/19/22

Batch ID: BI21059 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-07	SP-17 (4-6)	09/21/22
22I0453-08	SP-15 (6-8)	09/21/22
22I0453-08RE1	SP-15 (6-8)	09/21/22
22I0453-08RE2	SP-15 (6-8)	09/21/22
22I0453-08RE3	SP-15 (6-8)	09/21/22
22I0453-08RE4	SP-15 (6-8)	09/21/22
22I0453-09	SP-16 (8-10)	09/21/22
22I0453-09RE1	SP-16 (8-10)	09/21/22
22I0453-09RE2	SP-16 (8-10)	09/21/22
BI21059-BS1	LCS	09/21/22
BI21059-MS1	Matrix Spike	09/21/22
BI21059-MSD1	Matrix Spike Dup	09/21/22

Batch ID: BI21067 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/21/22
22I0453-04	SP-13 (10-12)	09/21/22
22I0453-05	SP-14 (6-8)	09/21/22
22I0453-05	SP-14 (6-8)	09/21/22
22I0453-06	SP-12 (10-12)	09/21/22
22I0453-06	SP-12 (10-12)	09/21/22
22I0453-07	SP-17 (4-6)	09/21/22
22I0453-07	SP-17 (4-6)	09/21/22
22I0453-08	SP-15 (6-8)	09/21/22
22I0453-08	SP-15 (6-8)	09/21/22
22I0453-09	SP-16 (8-10)	09/21/22
22I0453-09	SP-16 (8-10)	09/21/22
BI21067-BLK1	Blank	09/21/22
BI21067-BLK2	Blank	09/21/22
BI21067-BS1	LCS	09/21/22
BI21067-BS2	LCS	09/21/22

BI21067-MS2	Matrix Spike	09/21/22
BI21067-MSD2	Matrix Spike Dup	09/21/22

Batch ID: BI21145 **Preparation Method:** EPA 3550C **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/22/22
22I0453-05	SP-14 (6-8)	09/22/22
22I0453-06	SP-12 (10-12)	09/22/22
22I0453-06RE1	SP-12 (10-12)	09/22/22
BI21145-BLK1	Blank	09/22/22
BI21145-BS1	LCS	09/22/22
BI21145-MS1	Matrix Spike	09/22/22
BI21145-MSD1	Matrix Spike Dup	09/22/22

Batch ID: BI21236 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/23/22
22I0453-05	SP-14 (6-8)	09/23/22
22I0453-06	SP-12 (10-12)	09/23/22
BI21236-BLK1	Blank	09/23/22
BI21236-BS1	LCS	09/23/22
BI21236-MS1	Matrix Spike	09/23/22
BI21236-MSD1	Matrix Spike Dup	09/23/22

Batch ID: BI21267 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/23/22
22I0453-05	SP-14 (6-8)	09/23/22
22I0453-06	SP-12 (10-12)	09/23/22
22I0453-07	SP-17 (4-6)	09/23/22
22I0453-08	SP-15 (6-8)	09/23/22
22I0453-09	SP-16 (8-10)	09/23/22
BI21267-BLK1	Blank	09/23/22
BI21267-DUP1	Duplicate	09/23/22
BI21267-MS1	Matrix Spike	09/23/22
BI21267-SRM1	Reference	09/23/22

Batch ID: BI21306 **Preparation Method:** EPA 7473 soil **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/24/22
22I0453-05	SP-14 (6-8)	09/24/22
22I0453-06	SP-12 (10-12)	09/24/22
22I0453-07	SP-17 (4-6)	09/24/22
22I0453-08	SP-15 (6-8)	09/24/22
22I0453-09	SP-16 (8-10)	09/24/22

BI21306-BLK1	Blank	09/24/22
BI21306-DUP1	Duplicate	09/24/22
BI21306-MS1	Matrix Spike	09/24/22
BI21306-SRM1	Reference	09/24/22

Batch ID: BI21355 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-04	SP-13 (10-12)	09/26/22
22I0453-05	SP-14 (6-8)	09/26/22
22I0453-06	SP-12 (10-12)	09/26/22
22I0453-07	SP-17 (4-6)	09/26/22
22I0453-08	SP-15 (6-8)	09/26/22
22I0453-09	SP-16 (8-10)	09/26/22

Batch ID: BI21356 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22I0453-01	MW-1	09/26/22
22I0453-02	MW-2	09/26/22
22I0453-03	MW-3	09/26/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21859 - EPA 5035A											
Blank (BH21859-BLK1)									Prepared & Analyzed: 09/13/2022		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21859 - EPA 5035A											
Blank (BH21859-BLK1)											Prepared & Analyzed: 09/13/2022
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*ug/L*	*50.0*		*92.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.3*	*76-130*				
LCS (BH21859-BS1)											Prepared & Analyzed: 09/13/2022
1,1,1,2-Tetrachloroethane	47.7		ug/L	50.0		95.5	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.6	71-137				
1,1,2,2-Tetrachloroethane	49.8		"	50.0		99.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.0		"	50.0		86.0	58-146				
1,1,2-Trichloroethane	45.5		"	50.0		91.0	83-123				
1,1-Dichloroethane	45.2		"	50.0		90.4	75-130				
1,1-Dichloroethylene	41.8		"	50.0		83.6	64-137				
1,2,3-Trichlorobenzene	47.1		"	50.0		94.2	81-140				
1,2,3-Trichloropropane	46.7		"	50.0		93.4	81-126				
1,2,4-Trichlorobenzene	48.3		"	50.0		96.7	80-141				
1,2,4-Trimethylbenzene	46.5		"	50.0		93.0	84-125				
1,2-Dibromo-3-chloropropane	49.4		"	50.0		98.8	74-142				
1,2-Dibromoethane	48.6		"	50.0		97.2	86-123				
1,2-Dichlorobenzene	46.7		"	50.0		93.4	85-122				
1,2-Dichloroethane	41.4		"	50.0		82.8	71-133				
1,2-Dichloropropane	48.1		"	50.0		96.2	81-122				
1,3,5-Trimethylbenzene	46.1		"	50.0		92.2	82-126				
1,3-Dichlorobenzene	47.2		"	50.0		94.5	84-124				
1,4-Dichlorobenzene	46.3		"	50.0		92.6	84-124				
1,4-Dioxane	1180		"	1050		112	10-228				
2-Butanone	48.1		"	50.0		96.1	58-147				
2-Hexanone	44.9		"	50.0		89.9	70-139				
4-Methyl-2-pentanone	47.3		"	50.0		94.5	72-132				
Acetone	44.1		"	50.0		88.2	36-155				
Acrolein	17.6		"	50.0		35.3	10-238				
Acrylonitrile	49.6		"	50.0		99.1	66-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21859 - EPA 5035A											
LCS (BH21859-BS1)								Prepared & Analyzed: 09/13/2022			
Benzene	46.9		ug/L	50.0		93.8	77-127				
Bromochloromethane	46.4		"	50.0		92.9	74-129				
Bromodichloromethane	45.4		"	50.0		90.7	81-124				
Bromoform	54.0		"	50.0		108	80-136				
Bromomethane	49.6		"	50.0		99.1	32-177				
Carbon disulfide	51.8		"	50.0		104	10-136				
Carbon tetrachloride	43.3		"	50.0		86.6	66-143				
Chlorobenzene	48.2		"	50.0		96.5	86-120				
Chloroethane	45.3		"	50.0		90.6	51-142				
Chloroform	44.4		"	50.0		88.8	76-131				
Chloromethane	34.9		"	50.0		69.8	49-132				
cis-1,2-Dichloroethylene	44.7		"	50.0		89.4	74-132				
cis-1,3-Dichloropropylene	53.1		"	50.0		106	81-129				
Cyclohexane	41.8		"	50.0		83.6	70-130				
Dibromochloromethane	50.0		"	50.0		100	10-200				
Dibromomethane	43.0		"	50.0		86.1	83-124				
Dichlorodifluoromethane	25.7		"	50.0		51.4	28-158				
Ethyl Benzene	46.6		"	50.0		93.1	84-125				
Hexachlorobutadiene	47.3		"	50.0		94.7	83-133				
Isopropylbenzene	49.0		"	50.0		98.0	81-127				
Methyl acetate	42.8		"	50.0		85.6	41-143				
Methyl tert-butyl ether (MTBE)	62.4		"	50.0		125	74-131				
Methylcyclohexane	43.9		"	50.0		87.9	70-130				
Methylene chloride	44.6		"	50.0		89.3	57-141				
n-Butylbenzene	44.6		"	50.0		89.2	80-130				
n-Propylbenzene	47.5		"	50.0		95.0	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	91.3		"	100		91.3	82-128				
p-Isopropyltoluene	48.2		"	50.0		96.3	85-125				
sec-Butylbenzene	47.4		"	50.0		94.9	83-125				
Styrene	48.6		"	50.0		97.2	86-126				
tert-Butyl alcohol (TBA)	383		"	250		153	70-130	High Bias			
tert-Butylbenzene	49.0		"	50.0		98.1	80-127				
Tetrachloroethylene	42.4		"	50.0		84.7	80-129				
Toluene	45.1		"	50.0		90.2	85-121				
trans-1,2-Dichloroethylene	43.4		"	50.0		86.8	72-132				
trans-1,3-Dichloropropylene	56.2		"	50.0		112	78-132				
trans-1,4-dichloro-2-butene	49.4		"	50.0		98.7	75-135				
Trichloroethylene	45.5		"	50.0		91.0	84-123				
Trichlorofluoromethane	38.7		"	50.0		77.4	62-140				
Vinyl Chloride	40.2		"	50.0		80.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.9*		*"*	*50.0*		*89.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21859 - EPA 5035A											
LCS Dup (BH21859-BSD1)							Prepared & Analyzed: 09/13/2022				
1,1,1,2-Tetrachloroethane	46.7		ug/L	50.0		93.3	75-129		2.27	30	
1,1,1-Trichloroethane	46.0		"	50.0		92.1	71-137		1.66	30	
1,1,2,2-Tetrachloroethane	48.8		"	50.0		97.6	79-129		1.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.6		"	50.0		87.2	58-146		1.39	30	
1,1,2-Trichloroethane	45.5		"	50.0		91.1	83-123		0.110	30	
1,1-Dichloroethane	45.7		"	50.0		91.3	75-130		1.03	30	
1,1-Dichloroethylene	42.2		"	50.0		84.4	64-137		0.881	30	
1,2,3-Trichlorobenzene	46.2		"	50.0		92.4	81-140		1.95	30	
1,2,3-Trichloropropane	46.0		"	50.0		91.9	81-126		1.64	30	
1,2,4-Trichlorobenzene	48.1		"	50.0		96.3	80-141		0.415	30	
1,2,4-Trimethylbenzene	45.8		"	50.0		91.6	84-125		1.56	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		98.1	74-142		0.792	30	
1,2-Dibromoethane	47.4		"	50.0		94.9	86-123		2.42	30	
1,2-Dichlorobenzene	45.2		"	50.0		90.4	85-122		3.27	30	
1,2-Dichloroethane	42.0		"	50.0		84.0	71-133		1.37	30	
1,2-Dichloropropane	48.8		"	50.0		97.7	81-122		1.55	30	
1,3,5-Trimethylbenzene	45.2		"	50.0		90.3	82-126		2.08	30	
1,3-Dichlorobenzene	45.9		"	50.0		91.7	84-124		2.96	30	
1,4-Dichlorobenzene	45.5		"	50.0		91.1	84-124		1.63	30	
1,4-Dioxane	1130		"	1050		107	10-228		4.72	30	
2-Butanone	48.8		"	50.0		97.6	58-147		1.49	30	
2-Hexanone	44.6		"	50.0		89.3	70-139		0.670	30	
4-Methyl-2-pentanone	46.3		"	50.0		92.6	72-132		2.09	30	
Acetone	36.5		"	50.0		73.0	36-155		18.8	30	
Acrolein	17.8		"	50.0		35.5	10-238		0.734	30	
Acrylonitrile	49.6		"	50.0		99.1	66-141		0.0404	30	
Benzene	46.7		"	50.0		93.5	77-127		0.320	30	
Bromochloromethane	45.8		"	50.0		91.7	74-129		1.30	30	
Bromodichloromethane	45.6		"	50.0		91.2	81-124		0.550	30	
Bromoform	53.1		"	50.0		106	80-136		1.68	30	
Bromomethane	45.1		"	50.0		90.2	32-177		9.38	30	
Carbon disulfide	52.3		"	50.0		105	10-136		0.980	30	
Carbon tetrachloride	43.2		"	50.0		86.3	66-143		0.324	30	
Chlorobenzene	47.9		"	50.0		95.8	86-120		0.707	30	
Chloroethane	44.5		"	50.0		89.0	51-142		1.78	30	
Chloroform	44.7		"	50.0		89.3	76-131		0.629	30	
Chloromethane	34.8		"	50.0		69.6	49-132		0.344	30	
cis-1,2-Dichloroethylene	44.9		"	50.0		89.9	74-132		0.513	30	
cis-1,3-Dichloropropylene	52.7		"	50.0		105	81-129		0.775	30	
Cyclohexane	43.3		"	50.0		86.5	70-130		3.43	30	
Dibromochloromethane	48.6		"	50.0		97.2	10-200		2.86	30	
Dibromomethane	42.9		"	50.0		85.8	83-124		0.303	30	
Dichlorodifluoromethane	25.7		"	50.0		51.4	28-158		0.00	30	
Ethyl Benzene	45.6		"	50.0		91.2	84-125		2.02	30	
Hexachlorobutadiene	46.7		"	50.0		93.3	83-133		1.45	30	
Isopropylbenzene	48.1		"	50.0		96.1	81-127		1.94	30	
Methyl acetate	43.2		"	50.0		86.4	41-143		0.884	30	
Methyl tert-butyl ether (MTBE)	62.6		"	50.0		125	74-131		0.272	30	
Methylcyclohexane	44.2		"	50.0		88.5	70-130		0.658	30	
Methylene chloride	45.2		"	50.0		90.5	57-141		1.34	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21859 - EPA 5035A											
LCS Dup (BH21859-BSD1)									Prepared & Analyzed: 09/13/2022		
n-Butylbenzene	43.7		ug/L	50.0		87.4	80-130		1.97	30	
n-Propylbenzene	46.1		"	50.0		92.1	74-136		3.04	30	
o-Xylene	47.3		"	50.0		94.5	83-123		1.16	30	
p- & m- Xylenes	90.2		"	100		90.2	82-128		1.19	30	
p-Isopropyltoluene	47.0		"	50.0		94.0	85-125		2.42	30	
sec-Butylbenzene	46.8		"	50.0		93.5	83-125		1.42	30	
Styrene	48.2		"	50.0		96.4	86-126		0.889	30	
tert-Butyl alcohol (TBA)	475		"	250		190	70-130	High Bias	21.3	30	
tert-Butylbenzene	48.1		"	50.0		96.1	80-127		2.02	30	
Tetrachloroethylene	42.2		"	50.0		84.5	80-129		0.307	30	
Toluene	45.2		"	50.0		90.5	85-121		0.354	30	
trans-1,2-Dichloroethylene	44.0		"	50.0		88.0	72-132		1.40	30	
trans-1,3-Dichloropropylene	54.0		"	50.0		108	78-132		3.89	30	
trans-1,4-dichloro-2-butene	48.5		"	50.0		96.9	75-135		1.80	30	
Trichloroethylene	45.2		"	50.0		90.5	84-123		0.595	30	
Trichlorofluoromethane	38.5		"	50.0		76.9	62-140		0.570	30	
Vinyl Chloride	40.0		"	50.0		79.9	52-130		0.698	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.4*		*"*	*50.0*		*90.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*76-130*				
Batch BI20708 - EPA 5030B											
Blank (BI20708-BLK1)									Prepared & Analyzed: 09/14/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20708 - EPA 5030B											
Blank (BI20708-BLK1)											
Prepared & Analyzed: 09/14/2022											
Bromochloromethane	ND	0.500	ug/L								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20708 - EPA 5030B											
LCS (BI20708-BS1)								Prepared & Analyzed: 09/14/2022			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.15		"	10.0		91.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	54-165				
1,1,2-Trichloroethane	8.91		"	10.0		89.1	82-123				
1,1-Dichloroethane	9.51		"	10.0		95.1	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	7.74		"	10.0		77.4	76-136				
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128				
1,2,4-Trichlorobenzene	8.34		"	10.0		83.4	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	45-147				
1,2-Dibromoethane	9.04		"	10.0		90.4	83-124				
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123				
1,2-Dichloroethane	10.0		"	10.0		100	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131				
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
1,4-Dioxane	285		"	210		136	10-349				
2-Butanone	8.91		"	10.0		89.1	49-152				
2-Hexanone	7.91		"	10.0		79.1	51-146				
4-Methyl-2-pentanone	8.80		"	10.0		88.0	57-145				
Acetone	9.41		"	10.0		94.1	14-150				
Acrolein	8.10		"	10.0		81.0	10-153				
Acrylonitrile	8.35		"	10.0		83.5	51-150				
Benzene	9.30		"	10.0		93.0	85-126				
Bromochloromethane	9.68		"	10.0		96.8	77-128				
Bromodichloromethane	9.49		"	10.0		94.9	79-128				
Bromoform	8.54		"	10.0		85.4	78-133				
Bromomethane	0.930		"	10.0		9.30	43-168	Low Bias			
Carbon disulfide	9.93		"	10.0		99.3	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	9.92		"	10.0		99.2	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.25		"	10.0		92.5	82-128				
Chloromethane	8.92		"	10.0		89.2	43-155				
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129				
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5	80-131				
Cyclohexane	4.62		"	10.0		46.2	63-149	Low Bias			
Dibromochloromethane	9.23		"	10.0		92.3	80-130				
Dibromomethane	9.43		"	10.0		94.3	72-134				
Dichlorodifluoromethane	15.7		"	10.0		157	44-144	High Bias			
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	7.88		"	10.0		78.8	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl acetate	9.47		"	10.0		94.7	51-139				
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	76-135				
Methylcyclohexane	12.6		"	10.0		126	72-143				
Methylene chloride	10.3		"	10.0		103	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20708 - EPA 5030B											
LCS (BI20708-BS1)								Prepared & Analyzed: 09/14/2022			
n-Butylbenzene	11.3		ug/L	10.0		113	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	22.1		"	20.0		110	77-133				
p-Isopropyltoluene	11.7		"	10.0		117	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	9.47		"	10.0		94.7	67-132				
tert-Butyl alcohol (TBA)	51.0		"	50.0		102	25-162				
tert-Butylbenzene	9.24		"	10.0		92.4	77-138				
Tetrachloroethylene	11.6		"	10.0		116	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	80-132				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	78-131				
trans-1,4-dichloro-2-butene	9.38		"	10.0		93.8	63-141				
Trichloroethylene	9.85		"	10.0		98.5	82-128				
Trichlorofluoromethane	14.8		"	10.0		148	67-139	High Bias			
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS Dup (BI20708-BSD1)								Prepared & Analyzed: 09/14/2022			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.80	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		7.51	30	
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	76-129		3.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3		"	10.0		133	54-165		9.92	30	
1,1,2-Trichloroethane	8.50		"	10.0		85.0	82-123		4.71	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		6.71	30	
1,1-Dichloroethylene	11.9		"	10.0		119	68-138		8.97	30	
1,2,3-Trichlorobenzene	7.75		"	10.0		77.5	76-136		0.129	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		4.16	30	
1,2,4-Trichlorobenzene	8.42		"	10.0		84.2	76-137		0.955	30	
1,2,4-Trimethylbenzene	12.1		"	10.0		121	82-132		7.28	30	
1,2-Dibromo-3-chloropropane	8.21		"	10.0		82.1	45-147		7.95	30	
1,2-Dibromoethane	8.81		"	10.0		88.1	83-124		2.58	30	
1,2-Dichlorobenzene	11.3		"	10.0		113	79-123		3.42	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		0.697	30	
1,2-Dichloropropane	10.9		"	10.0		109	78-126		2.33	30	
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131		7.67	30	
1,3-Dichlorobenzene	11.7		"	10.0		117	86-122		6.83	30	
1,4-Dichlorobenzene	11.6		"	10.0		116	85-124		4.67	30	
1,4-Dioxane	220		"	210		105	10-349		25.6	30	
2-Butanone	9.04		"	10.0		90.4	49-152		1.45	30	
2-Hexanone	7.31		"	10.0		73.1	51-146		7.88	30	
4-Methyl-2-pentanone	7.88		"	10.0		78.8	57-145		11.0	30	
Acetone	8.35		"	10.0		83.5	14-150		11.9	30	
Acrolein	8.22		"	10.0		82.2	10-153		1.47	30	
Acrylonitrile	7.51		"	10.0		75.1	51-150		10.6	30	
Benzene	9.99		"	10.0		99.9	85-126		7.15	30	
Bromochloromethane	9.94		"	10.0		99.4	77-128		2.65	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20708 - EPA 5030B											
LCS Dup (BI20708-BSD1)								Prepared & Analyzed: 09/14/2022			
Bromodichloromethane	9.69		ug/L	10.0		96.9	79-128		2.09	30	
Bromoform	8.10		"	10.0		81.0	78-133		5.29	30	
Bromomethane	1.29		"	10.0		12.9	43-168	Low Bias	32.4	30	Non-dir.
Carbon disulfide	11.0		"	10.0		110	68-146		10.0	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		7.74	30	
Chlorobenzene	10.3		"	10.0		103	88-120		4.05	30	
Chloroethane	11.9		"	10.0		119	65-136		9.32	30	
Chloroform	9.81		"	10.0		98.1	82-128		5.88	30	
Chloromethane	9.83		"	10.0		98.3	43-155		9.71	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		6.43	30	
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131		1.68	30	
Cyclohexane	4.94		"	10.0		49.4	63-149	Low Bias	6.69	30	
Dibromochloromethane	9.15		"	10.0		91.5	80-130		0.871	30	
Dibromomethane	9.26		"	10.0		92.6	72-134		1.82	30	
Dichlorodifluoromethane	16.8		"	10.0		168	44-144	High Bias	6.77	30	
Ethyl Benzene	11.8		"	10.0		118	80-131		6.29	30	
Hexachlorobutadiene	8.04		"	10.0		80.4	67-146		2.01	30	
Isopropylbenzene	12.8		"	10.0		128	76-140		8.40	30	
Methyl acetate	8.76		"	10.0		87.6	51-139		7.79	30	
Methyl tert-butyl ether (MTBE)	8.24		"	10.0		82.4	76-135		5.20	30	
Methylcyclohexane	13.4		"	10.0		134	72-143		6.45	30	
Methylene chloride	10.0		"	10.0		100	55-137		2.95	30	
n-Butylbenzene	12.2		"	10.0		122	79-132		7.31	30	
n-Propylbenzene	12.5		"	10.0		125	78-133		7.53	30	
o-Xylene	11.8		"	10.0		118	78-130		4.52	30	
p- & m- Xylenes	23.4		"	20.0		117	77-133		5.68	30	
p-Isopropyltoluene	12.6		"	10.0		126	81-136		7.35	30	
sec-Butylbenzene	12.7		"	10.0		127	79-137		7.24	30	
Styrene	9.94		"	10.0		99.4	67-132		4.84	30	
tert-Butyl alcohol (TBA)	45.2		"	50.0		90.3	25-162		12.0	30	
tert-Butylbenzene	9.92		"	10.0		99.2	77-138		7.10	30	
Tetrachloroethylene	12.3		"	10.0		123	82-131		5.86	30	
Toluene	11.4		"	10.0		114	80-127		5.59	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		8.33	30	
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	78-131		1.81	30	
trans-1,4-dichloro-2-butene	9.35		"	10.0		93.5	63-141		0.320	30	
Trichloroethylene	10.6		"	10.0		106	82-128		6.96	30	
Trichlorofluoromethane	16.5		"	10.0		165	67-139	High Bias	10.4	30	
Vinyl Chloride	12.2		"	10.0		122	58-145		10.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
Blank (BI20807-BLK1)									Prepared & Analyzed: 09/15/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	1.05	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
Blank (BI20807-BLK1)								Prepared & Analyzed: 09/15/2022			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.0*		*"*	*10.0*		*120*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS (BI20807-BS1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	8.30		"	10.0		83.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	8.46		"	10.0		84.6	82-123				
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	7.46		"	10.0		74.6	76-136	Low Bias			
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	8.01		"	10.0		80.1	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	45-147				
1,2-Dibromoethane	8.70		"	10.0		87.0	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	251		"	210		120	10-349				
2-Butanone	8.45		"	10.0		84.5	49-152				
2-Hexanone	7.52		"	10.0		75.2	51-146				
4-Methyl-2-pentanone	8.06		"	10.0		80.6	57-145				
Acetone	9.06		"	10.0		90.6	14-150				
Acrolein	7.68		"	10.0		76.8	10-153				
Acrylonitrile	7.18		"	10.0		71.8	51-150				
Benzene	8.78		"	10.0		87.8	85-126				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS (BI20807-BS1)								Prepared & Analyzed: 09/15/2022			
Bromochloromethane	9.27		ug/L	10.0		92.7	77-128				
Bromodichloromethane	9.62		"	10.0		96.2	79-128				
Bromoform	8.20		"	10.0		82.0	78-133				
Bromomethane	0.900		"	10.0		9.00	43-168	Low Bias			
Carbon disulfide	9.47		"	10.0		94.7	68-146				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	9.50		"	10.0		95.0	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	9.31		"	10.0		93.1	82-128				
Chloromethane	8.27		"	10.0		82.7	43-155				
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	83-129				
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131				
Cyclohexane	4.31		"	10.0		43.1	63-149	Low Bias			
Dibromochloromethane	9.05		"	10.0		90.5	80-130				
Dibromomethane	9.31		"	10.0		93.1	72-134				
Dichlorodifluoromethane	13.9		"	10.0		139	44-144				
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	8.84		"	10.0		88.4	67-146				
Isopropylbenzene	11.1		"	10.0		111	76-140				
Methyl acetate	8.65		"	10.0		86.5	51-139				
Methyl tert-butyl ether (MTBE)	8.23		"	10.0		82.3	76-135				
Methylcyclohexane	12.1		"	10.0		121	72-143				
Methylene chloride	9.55		"	10.0		95.5	55-137				
n-Butylbenzene	11.4		"	10.0		114	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Isopropyltoluene	11.1		"	10.0		111	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	9.35		"	10.0		93.5	67-132				
tert-Butyl alcohol (TBA)	49.4		"	50.0		98.8	25-162				
tert-Butylbenzene	8.80		"	10.0		88.0	77-138				
Tetrachloroethylene	11.7		"	10.0		117	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	9.78		"	10.0		97.8	80-132				
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	78-131				
trans-1,4-dichloro-2-butene	8.94		"	10.0		89.4	63-141				
Trichloroethylene	9.80		"	10.0		98.0	82-128				
Trichlorofluoromethane	16.4		"	10.0		164	67-139	High Bias			
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS Dup (BI20807-BSD1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.64	30	
1,1,1-Trichloroethane	9.94		"	10.0		99.4	78-136		4.81	30	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	76-129		7.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		7.20	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		4.51	30	
1,1-Dichloroethane	9.01		"	10.0		90.1	82-129		3.70	30	
1,1-Dichloroethylene	10.1		"	10.0		101	68-138		6.52	30	
1,2,3-Trichlorobenzene	7.79		"	10.0		77.9	76-136		4.33	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.09	30	
1,2,4-Trichlorobenzene	8.08		"	10.0		80.8	76-137		0.870	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		3.89	30	
1,2-Dibromo-3-chloropropane	9.08		"	10.0		90.8	45-147		5.66	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		7.20	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.771	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		3.07	30	
1,2-Dichloropropane	9.95		"	10.0		99.5	78-126		0.501	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		4.74	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		0.879	30	
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124		2.56	30	
1,4-Dioxane	234		"	210		112	10-349		6.87	30	
2-Butanone	8.92		"	10.0		89.2	49-152		5.41	30	
2-Hexanone	8.56		"	10.0		85.6	51-146		12.9	30	
4-Methyl-2-pentanone	9.12		"	10.0		91.2	57-145		12.3	30	
Acetone	8.93		"	10.0		89.3	14-150		1.45	30	
Acrolein	8.00		"	10.0		80.0	10-153		4.08	30	
Acrylonitrile	7.50		"	10.0		75.0	51-150		4.36	30	
Benzene	8.67		"	10.0		86.7	85-126		1.26	30	
Bromochloromethane	9.14		"	10.0		91.4	77-128		1.41	30	
Bromodichloromethane	9.60		"	10.0		96.0	79-128		0.208	30	
Bromoform	9.01		"	10.0		90.1	78-133		9.41	30	
Bromomethane	0.840		"	10.0		8.40	43-168	Low Bias	6.90	30	
Carbon disulfide	8.90		"	10.0		89.0	68-146		6.21	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		5.62	30	
Chlorobenzene	9.40		"	10.0		94.0	88-120		1.06	30	
Chloroethane	9.89		"	10.0		98.9	65-136		6.74	30	
Chloroform	9.06		"	10.0		90.6	82-128		2.72	30	
Chloromethane	7.56		"	10.0		75.6	43-155		8.97	30	
cis-1,2-Dichloroethylene	9.15		"	10.0		91.5	83-129		4.80	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		0.544	30	
Cyclohexane	4.05		"	10.0		40.5	63-149	Low Bias	6.22	30	
Dibromochloromethane	9.59		"	10.0		95.9	80-130		5.79	30	
Dibromomethane	9.72		"	10.0		97.2	72-134		4.31	30	
Dichlorodifluoromethane	12.5		"	10.0		125	44-144		10.5	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.63	30	
Hexachlorobutadiene	7.80		"	10.0		78.0	67-146		12.5	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		6.23	30	
Methyl acetate	9.38		"	10.0		93.8	51-139		8.10	30	
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	76-135		5.55	30	
Methylcyclohexane	11.5		"	10.0		115	72-143		4.57	30	
Methylene chloride	9.42		"	10.0		94.2	55-137		1.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS Dup (BI20807-BSD1)								Prepared & Analyzed: 09/15/2022			
n-Butylbenzene	10.7		ug/L	10.0		107	79-132		6.35	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		6.08	30	
o-Xylene	11.0		"	10.0		110	78-130		2.69	30	
p- & m- Xylenes	21.3		"	20.0		106	77-133		4.51	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		4.32	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		4.98	30	
Styrene	9.14		"	10.0		91.4	67-132		2.27	30	
tert-Butyl alcohol (TBA)	54.7		"	50.0		109	25-162		10.2	30	
tert-Butylbenzene	8.26		"	10.0		82.6	77-138		6.33	30	
Tetrachloroethylene	10.9		"	10.0		109	82-131		6.65	30	
Toluene	10.1		"	10.0		101	80-127		2.63	30	
trans-1,2-Dichloroethylene	9.19		"	10.0		91.9	80-132		6.22	30	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131		1.87	30	
trans-1,4-dichloro-2-butene	9.34		"	10.0		93.4	63-141		4.38	30	
Trichloroethylene	9.37		"	10.0		93.7	82-128		4.49	30	
Trichlorofluoromethane	14.7		"	10.0		147	67-139	High Bias	10.9	30	
Vinyl Chloride	9.86		"	10.0		98.6	58-145		12.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.7*		*"*	*10.0*		*117*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20625 - EPA 3510C											
Blank (BI20625-BLK1)									Prepared & Analyzed: 09/14/2022		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
Aniline	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*20.6*		*"*	*25.0*		*82.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.0*		*"*	*25.0*		*68.1*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.0*		*"*	*25.0*		*83.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20625 - EPA 3510C											
Blank (BI20625-BLK2)								Prepared & Analyzed: 09/14/2022			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.630	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BI20625-BS1)								Prepared & Analyzed: 09/14/2022			
1,2,4-Trichlorobenzene	20.1	5.00	ug/L	25.0		80.4	20-118				
1,2-Dichlorobenzene	17.5	5.00	"	25.0		70.1	29-111				
1,3-Dichlorobenzene	17.2	5.00	"	25.0		68.9	23-117				
1,4-Dichlorobenzene	17.3	5.00	"	25.0		69.2	30-105				
2,4-Dinitrotoluene	25.4	5.00	"	25.0		102	70-128				
2,6-Dinitrotoluene	24.1	5.00	"	25.0		96.5	70-116				
2-Chloronaphthalene	18.9	5.00	"	25.0		75.6	70-112				
2-Methylnaphthalene	20.1	5.00	"	25.0		80.4	70-118				
2-Nitroaniline	21.3	5.00	"	25.0		85.1	70-129				
3,3-Dichlorobenzidine	7.91	5.00	"	25.0		31.6	70-160	Low Bias			
3-Nitroaniline	19.7	5.00	"	25.0		78.8	70-134				
4-Bromophenyl phenyl ether	20.9	5.00	"	25.0		83.8	70-120				
4-Chloroaniline	17.9	5.00	"	25.0		71.7	70-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.0	70-121				
4-Nitroaniline	19.7	5.00	"	25.0		78.9	70-134				
Aniline	17.1	5.00	"	25.0		68.3	10-117				
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.9	70-130				
Bis(2-chloroethoxy)methane	20.3	5.00	"	25.0		81.0	70-130				
Bis(2-chloroethyl)ether	18.6	5.00	"	25.0		74.3	70-125				
Bis(2-chloroisopropyl)ether	23.7	5.00	"	25.0		94.6	70-130				
Carbazole	19.5	5.00	"	25.0		78.0	70-126				
Dibenzofuran	19.4	5.00	"	25.0		77.8	70-113				
Diethyl phthalate	19.8	5.00	"	25.0		79.1	70-115				
Dimethyl phthalate	19.9	5.00	"	25.0		79.7	70-129				
Di-n-butyl phthalate	19.5	5.00	"	25.0		78.0	70-120				
Di-n-octyl phthalate	19.3	5.00	"	25.0		77.1	70-130				
Hexachlorocyclopentadiene	16.1	10.0	"	25.0		64.4	20-130				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20625 - EPA 3510C											
LCS (BI20625-BS1)								Prepared & Analyzed: 09/14/2022			
Isophorone	23.2	5.00	ug/L	25.0		92.6	70-127				
N-nitroso-di-n-propylamine	22.9	5.00	"	25.0		91.6	70-122				
N-Nitrosodiphenylamine	21.9	5.00	"	25.0		87.4	70-130				
Surrogate: SURR: Nitrobenzene-d5	*24.8*		*"*	*25.0*		*99.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.6*		*"*	*25.0*		*78.6*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.8*		*"*	*25.0*		*87.2*	*30.7-106*				
LCS (BI20625-BS2)								Prepared & Analyzed: 09/14/2022			
Acenaphthene	0.660	0.0500	ug/L	1.00		66.0	25-116				
Acenaphthylene	0.640	0.0500	"	1.00		64.0	26-116				
Anthracene	0.640	0.0500	"	1.00		64.0	25-123				
Benzo(a)anthracene	0.740	0.0500	"	1.00		74.0	33-125				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	32-132				
Benzo(b)fluoranthene	0.770	0.0500	"	1.00		77.0	22-137				
Benzo(g,h,i)perylene	0.630	0.0500	"	1.00		63.0	10-138				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	20-137				
Bis(2-ethylhexyl)phthalate	1.20	0.500	"	1.00		120	10-189				
Chrysene	0.730	0.0500	"	1.00		73.0	32-124				
Dibenzo(a,h)anthracene	0.730	0.0500	"	1.00		73.0	16-133				
Fluoranthene	0.840	0.0500	"	1.00		84.0	32-121				
Fluorene	0.710	0.0500	"	1.00		71.0	28-118				
Hexachlorobenzene	0.770	0.0200	"	1.00		77.0	23-124				
Hexachlorobutadiene	0.660	0.500	"	1.00		66.0	15-123				
Hexachloroethane	2.17	0.500	"	1.00		217	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.670	0.0500	"	1.00		67.0	15-135				
Naphthalene	0.700	0.0500	"	1.00		70.0	18-120				
Nitrobenzene	0.880	0.250	"	1.00		88.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Phenanthrene	0.740	0.0500	"	1.00		74.0	24-127				
Pyrene	0.680	0.0500	"	1.00		68.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20625 - EPA 3510C											
LCS Dup (BI20625-BSD1)								Prepared & Analyzed: 09/14/2022			
1,2,4-Trichlorobenzene	21.0	5.00	ug/L	25.0		84.2	20-118		4.62	20	
1,2-Dichlorobenzene	18.2	5.00	"	25.0		72.8	29-111		3.70	20	
1,3-Dichlorobenzene	18.1	5.00	"	25.0		72.4	23-117		4.98	20	
1,4-Dichlorobenzene	18.2	5.00	"	25.0		72.6	30-105		4.74	20	
2,4-Dinitrotoluene	25.1	5.00	"	25.0		100	70-128		1.35	20	
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.4	70-116		1.97	20	
2-Chloronaphthalene	18.8	5.00	"	25.0		75.2	70-112		0.424	20	
2-Methylnaphthalene	21.4	5.00	"	25.0		85.6	70-118		6.27	20	
2-Nitroaniline	21.5	5.00	"	25.0		85.9	70-129		0.982	20	
3,3-Dichlorobenzidine	7.69	5.00	"	25.0		30.8	70-160	Low Bias	2.82	20	
3-Nitroaniline	19.2	5.00	"	25.0		76.6	70-134		2.88	20	
4-Bromophenyl phenyl ether	21.4	5.00	"	25.0		85.5	70-120		2.03	20	
4-Chloroaniline	18.4	5.00	"	25.0		73.4	70-147		2.37	20	
4-Chlorophenyl phenyl ether	20.7	5.00	"	25.0		82.8	70-121		0.922	20	
4-Nitroaniline	18.8	5.00	"	25.0		75.0	70-134		5.09	20	
Aniline	17.1	5.00	"	25.0		68.6	10-117		0.351	20	
Benzyl butyl phthalate	18.3	5.00	"	25.0		73.2	70-130		0.383	20	
Bis(2-chloroethoxy)methane	21.9	5.00	"	25.0		87.5	70-130		7.69	20	
Bis(2-chloroethyl)ether	20.3	5.00	"	25.0		81.3	70-125		9.00	20	
Bis(2-chloroisopropyl)ether	25.0	5.00	"	25.0		100	70-130		5.67	20	
Carbazole	19.4	5.00	"	25.0		77.5	70-126		0.618	20	
Dibenzofuran	19.3	5.00	"	25.0		77.1	70-113		0.930	20	
Diethyl phthalate	19.9	5.00	"	25.0		79.6	70-115		0.655	20	
Dimethyl phthalate	20.3	5.00	"	25.0		81.1	70-129		1.74	20	
Di-n-butyl phthalate	19.4	5.00	"	25.0		77.6	70-120		0.617	20	
Di-n-octyl phthalate	19.1	5.00	"	25.0		76.4	70-130		0.886	20	
Hexachlorocyclopentadiene	15.5	10.0	"	25.0		62.0	20-130		3.80	20	
Isophorone	24.9	5.00	"	25.0		99.6	70-127		7.28	20	
N-nitroso-di-n-propylamine	25.1	5.00	"	25.0		100	70-122		9.25	20	
N-Nitrosodiphenylamine	21.9	5.00	"	25.0		87.7	70-130		0.274	20	
Surrogate: SURR: Nitrobenzene-d5	*26.5*		*"*	*25.0*		*106*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*25.0*		*80.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*22.8*		*"*	*25.0*		*91.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21059 - EPA 3546 SVOA											
LCS (BI21059-BS1)								Prepared: 09/21/2022 Analyzed: 09/26/2022			
1,2,4-Trichlorobenzene	0.578	0.0416	mg/kg wet	0.831		69.6	10-140				
1,2-Dichlorobenzene	0.530	0.0416	"	0.831		63.8	34-108				
1,3-Dichlorobenzene	0.543	0.0416	"	0.831		65.3	33-110				
1,4-Dichlorobenzene	0.550	0.0416	"	0.831		66.3	32-104				
2,4-Dinitrotoluene	0.712	0.0416	"	0.831		85.7	34-131				
2,6-Dinitrotoluene	0.695	0.0416	"	0.831		83.6	31-128				
2-Chloronaphthalene	0.601	0.0416	"	0.831		72.4	31-117				
2-Methylnaphthalene	0.582	0.0416	"	0.831		70.1	12-138				
2-Nitroaniline	0.678	0.0830	"	0.831		81.7	27-132				
3,3-Dichlorobenzidine	0.890	0.0416	"	0.831		107	22-149				
3-Nitroaniline	0.591	0.0830	"	0.831		71.2	20-133				
4-Bromophenyl phenyl ether	0.503	0.0416	"	0.831		60.5	29-120				
4-Chloroaniline	0.481	0.0416	"	0.831		58.0	10-132				
4-Chlorophenyl phenyl ether	0.612	0.0416	"	0.831		73.7	27-124				
4-Nitroaniline	0.649	0.0830	"	0.831		78.1	16-128				
Acenaphthene	0.622	0.0416	"	0.831		74.8	30-121				
Acenaphthylene	0.574	0.0416	"	0.831		69.1	30-115				
Aniline	0.604	0.166	"	0.831		72.7	10-119				
Anthracene	0.620	0.0416	"	0.831		74.6	34-118				
Benzo(a)anthracene	0.609	0.0416	"	0.831		73.3	32-122				
Benzo(a)pyrene	0.588	0.0416	"	0.831		70.8	29-133				
Benzo(b)fluoranthene	0.623	0.0416	"	0.831		75.0	25-133				
Benzo(g,h,i)perylene	0.503	0.0416	"	0.831		60.6	10-143				
Benzo(k)fluoranthene	0.610	0.0416	"	0.831		73.4	25-128				
Benzyl butyl phthalate	0.665	0.0416	"	0.831		80.1	26-126				
Bis(2-chloroethoxy)methane	0.573	0.0416	"	0.831		69.0	19-132				
Bis(2-chloroethyl)ether	0.577	0.0416	"	0.831		69.4	19-125				
Bis(2-chloroisopropyl)ether	0.671	0.0416	"	0.831		80.8	20-135				
Bis(2-ethylhexyl)phthalate	0.697	0.0416	"	0.831		83.9	10-155				
Carbazole	0.615	0.0416	"	0.831		74.0	35-123				
Chrysene	0.588	0.0416	"	0.831		70.8	32-123				
Dibenzo(a,h)anthracene	0.571	0.0416	"	0.831		68.7	10-136				
Dibenzofuran	0.616	0.0416	"	0.831		74.1	29-121				
Diethyl phthalate	0.647	0.0416	"	0.831		77.8	34-116				
Dimethyl phthalate	0.633	0.0416	"	0.831		76.2	35-124				
Di-n-butyl phthalate	0.598	0.0416	"	0.831		72.0	31-116				
Di-n-octyl phthalate	0.719	0.0416	"	0.831		86.6	26-136				
Fluoranthene	0.554	0.0416	"	0.831		66.8	33-122				
Fluorene	0.619	0.0416	"	0.831		74.6	29-123				
Hexachlorobenzene	0.511	0.0416	"	0.831		61.6	21-124				
Hexachlorobutadiene	0.541	0.0416	"	0.831		65.1	10-149				
Hexachlorocyclopentadiene	0.482	0.0416	"	0.831		58.1	10-129				
Hexachloroethane	0.557	0.0416	"	0.831		67.0	28-108				
Indeno(1,2,3-cd)pyrene	0.608	0.0416	"	0.831		73.2	10-135				
Isophorone	0.588	0.0416	"	0.831		70.8	20-132				
Naphthalene	0.565	0.0416	"	0.831		68.1	23-124				
Nitrobenzene	0.605	0.0416	"	0.831		72.8	13-132				
N-Nitrosodimethylamine	0.690	0.0416	"	0.831		83.1	11-129				
N-nitroso-di-n-propylamine	0.531	0.0416	"	0.831		63.9	24-119				
N-Nitrosodiphenylamine	0.582	0.0416	"	0.831		70.0	22-152				
Phenanthrene	0.571	0.0416	"	0.831		68.7	33-123				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21059 - EPA 3546 SVOA											
LCS (BI21059-BS1)								Prepared: 09/21/2022 Analyzed: 09/26/2022			
Pyrene	0.592	0.0416	mg/kg wet	0.831		71.2	24-130				
Surrogate: SURR: Nitrobenzene-d5	*0.637*		"	*0.831*		*76.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.632*		"	*0.831*		*76.1*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.681*		"	*0.831*		*82.0*	*24-116*				
Matrix Spike (BI21059-MS1)	*Source sample: 22I0470-01 (Matrix Spike)							Prepared: 09/21/2022 Analyzed: 09/22/2022			
1,2,4-Trichlorobenzene	0.453	0.0885	mg/kg dry	0.884	ND	51.2	10-127				
1,2-Dichlorobenzene	0.428	0.0885	"	0.884	ND	48.4	14-111				
1,3-Dichlorobenzene	0.414	0.0885	"	0.884	ND	46.8	11-111				
1,4-Dichlorobenzene	0.422	0.0885	"	0.884	ND	47.7	10-106				
2,4-Dinitrotoluene	0.525	0.0885	"	0.884	ND	59.4	16-135				
2,6-Dinitrotoluene	0.573	0.0885	"	0.884	ND	64.8	18-131				
2-Chloronaphthalene	0.446	0.0885	"	0.884	ND	50.4	10-129				
2-Methylnaphthalene	0.486	0.0885	"	0.884	ND	55.0	10-147				
2-Nitroaniline	0.564	0.177	"	0.884	ND	63.8	10-137				
3,3-Dichlorobenzidine	0.421	0.0885	"	0.884	ND	47.6	10-155				
3-Nitroaniline	0.502	0.177	"	0.884	ND	56.8	12-133				
4-Bromophenyl phenyl ether	0.484	0.0885	"	0.884	ND	54.7	14-128				
4-Chloroaniline	0.409	0.0885	"	0.884	ND	46.2	10-145				
4-Chlorophenyl phenyl ether	0.461	0.0885	"	0.884	ND	52.2	14-130				
4-Nitroaniline	0.499	0.177	"	0.884	ND	56.5	10-147				
Acenaphthene	0.487	0.0885	"	0.884	ND	55.0	10-146				
Acenaphthylene	0.463	0.0885	"	0.884	ND	52.4	10-134				
Aniline	0.385	0.354	"	0.884	ND	43.5	10-123				
Anthracene	0.528	0.0885	"	0.884	ND	59.7	10-142				
Benzo(a)anthracene	0.622	0.0885	"	0.884	0.0918	60.0	10-158				
Benzo(a)pyrene	0.534	0.0885	"	0.884	0.0904	50.2	10-180				
Benzo(b)fluoranthene	0.580	0.0885	"	0.884	0.0703	57.7	10-200				
Benzo(g,h,i)perylene	0.470	0.0885	"	0.884	0.0480	47.7	10-138				
Benzo(k)fluoranthene	0.559	0.0885	"	0.884	0.0758	54.7	10-197				
Benzyl butyl phthalate	0.509	0.0885	"	0.884	ND	57.5	10-154				
Bis(2-chloroethoxy)methane	0.424	0.0885	"	0.884	ND	47.9	10-132				
Bis(2-chloroethyl)ether	0.361	0.0885	"	0.884	ND	40.8	10-119				
Bis(2-chloroisopropyl)ether	0.439	0.0885	"	0.884	ND	49.6	10-139				
Bis(2-ethylhexyl)phthalate	1.25	0.0885	"	0.884	0.406	95.3	10-167				
Carbazole	0.500	0.0885	"	0.884	ND	56.6	10-167				
Chrysene	0.591	0.0885	"	0.884	0.0842	57.4	10-156				
Dibenzo(a,h)anthracene	0.443	0.0885	"	0.884	ND	50.1	10-137				
Dibenzofuran	0.475	0.0885	"	0.884	ND	53.8	10-147				
Diethyl phthalate	0.446	0.0885	"	0.884	ND	50.5	20-120				
Dimethyl phthalate	0.449	0.0885	"	0.884	ND	50.8	18-131				
Di-n-butyl phthalate	0.446	0.0885	"	0.884	ND	50.5	10-137				
Di-n-octyl phthalate	0.526	0.0885	"	0.884	ND	59.5	10-180				
Fluoranthene	0.673	0.0885	"	0.884	0.151	59.0	10-160				
Fluorene	0.494	0.0885	"	0.884	ND	55.8	10-157				
Hexachlorobenzene	0.443	0.0885	"	0.884	ND	50.2	10-137				
Hexachlorobutadiene	0.480	0.0885	"	0.884	ND	54.2	10-132				
Hexachlorocyclopentadiene	ND	0.0885	"	0.884	ND		10-106	Low Bias			
Hexachloroethane	0.316	0.0885	"	0.884	ND	35.8	10-110				
Indeno(1,2,3-cd)pyrene	0.463	0.0885	"	0.884	ND	52.3	10-144				
Isophorone	0.415	0.0885	"	0.884	ND	47.0	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21059 - EPA 3546 SVOA											
Matrix Spike (BI21059-MS1)	*Source sample: 22I0470-01 (Matrix Spike)								Prepared: 09/21/2022 Analyzed: 09/22/2022		
Naphthalene	0.452	0.0885	mg/kg dry	0.884	ND	51.1	10-141				
Nitrobenzene	0.466	0.0885	"	0.884	ND	52.7	10-131				
N-Nitrosodimethylamine	0.347	0.0885	"	0.884	ND	39.2	10-126				
N-nitroso-di-n-propylamine	0.402	0.0885	"	0.884	ND	45.5	10-125				
N-Nitrosodiphenylamine	0.565	0.0885	"	0.884	ND	63.9	10-177				
Phenanthrene	0.559	0.0885	"	0.884	0.0981	52.1	10-148				
Pyrene	0.637	0.0885	"	0.884	0.150	55.0	10-165				
Surrogate: SURR: Nitrobenzene-d5	*0.476*		*"*	*0.884*		*53.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.486*		*"*	*0.884*		*55.0*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.584*		*"*	*0.884*		*66.1*	*24-116*				
Matrix Spike Dup (BI21059-MSD1)	*Source sample: 22I0470-01 (Matrix Spike Dup)								Prepared: 09/21/2022 Analyzed: 09/22/2022		
1,2,4-Trichlorobenzene	0.484	0.0885	mg/kg dry	0.884	ND	54.7	10-127		6.65	30	
1,2-Dichlorobenzene	0.417	0.0885	"	0.884	ND	47.1	14-111		2.68	30	
1,3-Dichlorobenzene	0.405	0.0885	"	0.884	ND	45.8	11-111		2.07	30	
1,4-Dichlorobenzene	0.425	0.0885	"	0.884	ND	48.1	10-106		0.835	30	
2,4-Dinitrotoluene	0.571	0.0885	"	0.884	ND	64.6	16-135		8.39	30	
2,6-Dinitrotoluene	0.615	0.0885	"	0.884	ND	69.6	18-131		7.14	30	
2-Chloronaphthalene	0.479	0.0885	"	0.884	ND	54.2	10-129		7.19	30	
2-Methylnaphthalene	0.510	0.0885	"	0.884	ND	57.7	10-147		4.83	30	
2-Nitroaniline	0.603	0.177	"	0.884	ND	68.2	10-137		6.66	30	
3,3-Dichlorobenzidine	0.402	0.0885	"	0.884	ND	45.4	10-155		4.64	30	
3-Nitroaniline	0.535	0.177	"	0.884	ND	60.5	12-133		6.28	30	
4-Bromophenyl phenyl ether	0.497	0.0885	"	0.884	ND	56.2	14-128		2.74	30	
4-Chloroaniline	0.439	0.0885	"	0.884	ND	49.7	10-145		7.17	30	
4-Chlorophenyl phenyl ether	0.516	0.0885	"	0.884	ND	58.4	14-130		11.3	30	
4-Nitroaniline	0.562	0.177	"	0.884	ND	63.5	10-147		11.7	30	
Acenaphthene	0.520	0.0885	"	0.884	ND	58.8	10-146		6.61	30	
Acenaphthylene	0.472	0.0885	"	0.884	ND	53.4	10-134		1.82	30	
Aniline	0.397	0.354	"	0.884	ND	44.9	10-123		3.08	30	
Anthracene	0.562	0.0885	"	0.884	ND	63.5	10-142		6.23	30	
Benzo(a)anthracene	0.623	0.0885	"	0.884	0.0918	60.1	10-158		0.114	30	
Benzo(a)pyrene	0.528	0.0885	"	0.884	0.0904	49.5	10-180		1.07	30	
Benzo(b)fluoranthene	0.564	0.0885	"	0.884	0.0703	55.8	10-200		2.84	30	
Benzo(g,h,i)perylene	0.470	0.0885	"	0.884	0.0480	47.8	10-138		0.150	30	
Benzo(k)fluoranthene	0.528	0.0885	"	0.884	0.0758	51.1	10-197		5.86	30	
Benzyl butyl phthalate	0.536	0.0885	"	0.884	ND	60.6	10-154		5.28	30	
Bis(2-chloroethoxy)methane	0.430	0.0885	"	0.884	ND	48.6	10-132		1.49	30	
Bis(2-chloroethyl)ether	0.379	0.0885	"	0.884	ND	42.9	10-119		4.97	30	
Bis(2-chloroisopropyl)ether	0.445	0.0885	"	0.884	ND	50.3	10-139		1.44	30	
Bis(2-ethylhexyl)phthalate	1.34	0.0885	"	0.884	0.406	106	10-167		7.05	30	
Carbazole	0.540	0.0885	"	0.884	ND	61.1	10-167		7.75	30	
Chrysene	0.586	0.0885	"	0.884	0.0842	56.8	10-156		0.841	30	
Dibenzo(a,h)anthracene	0.444	0.0885	"	0.884	ND	50.2	10-137		0.319	30	
Dibenzofuran	0.514	0.0885	"	0.884	ND	58.2	10-147		7.86	30	
Diethyl phthalate	0.475	0.0885	"	0.884	ND	53.8	20-120		6.29	30	
Dimethyl phthalate	0.476	0.0885	"	0.884	ND	53.8	18-131		5.81	30	
Di-n-butyl phthalate	0.493	0.0885	"	0.884	ND	55.8	10-137		9.94	30	
Di-n-octyl phthalate	0.560	0.0885	"	0.884	ND	63.4	10-180		6.25	30	
Fluoranthene	0.675	0.0885	"	0.884	0.151	59.3	10-160		0.420	30	
Fluorene	0.517	0.0885	"	0.884	ND	58.5	10-157		4.62	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21059 - EPA 3546 SVOA											
Matrix Spike Dup (BI21059-MSD1)	*Source sample: 22I0470-01 (Matrix Spike Dup)								Prepared: 09/21/2022 Analyzed: 09/22/2022		
Hexachlorobenzene	0.468	0.0885	mg/kg dry	0.884	ND	52.9	10-137		5.28	30	
Hexachlorobutadiene	0.484	0.0885	"	0.884	ND	54.7	10-132		0.881	30	
Hexachlorocyclopentadiene	ND	0.0885	"	0.884	ND		10-106	Low Bias		30	
Hexachloroethane	0.311	0.0885	"	0.884	ND	35.2	10-110		1.58	30	
Indeno(1,2,3-cd)pyrene	0.478	0.0885	"	0.884	ND	54.1	10-144		3.31	30	
Isophorone	0.438	0.0885	"	0.884	ND	49.5	10-132		5.31	30	
Naphthalene	0.477	0.0885	"	0.884	ND	53.9	10-141		5.33	30	
Nitrobenzene	0.484	0.0885	"	0.884	ND	54.7	10-131		3.72	30	
N-Nitrosodimethylamine	0.336	0.0885	"	0.884	ND	38.0	10-126		3.11	30	
N-nitroso-di-n-propylamine	0.397	0.0885	"	0.884	ND	45.0	10-125		1.24	30	
N-Nitrosodiphenylamine	0.566	0.0885	"	0.884	ND	64.0	10-177		0.125	30	
Phenanthrene	0.574	0.0885	"	0.884	0.0981	53.8	10-148		2.62	30	
Pyrene	0.629	0.0885	"	0.884	0.150	54.1	10-165		1.23	30	
Surrogate: SURR: Nitrobenzene-d5	*0.515*		*"*	*0.884*		*58.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.519*		*"*	*0.884*		*58.7*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.639*		*"*	*0.884*		*72.2*	*24-116*				
Batch BI21145 - EPA 3550C											
Blank (BI21145-BLK1)									Prepared: 09/22/2022 Analyzed: 09/23/2022		
1,2,4-Trichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21145 - EPA 3550C											
Blank (BI21145-BLK1)											Prepared: 09/22/2022 Analyzed: 09/23/2022
Dibenzo(a,h)anthracene	ND	0.0417	mg/kg wet								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: Nitrobenzene-d5	*0.691*		*"*	*0.833*		*82.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		*"*	*0.833*		*83.7*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.749*		*"*	*0.833*		*89.9*	*24-116*				
LCS (BI21145-BS1)											Prepared: 09/22/2022 Analyzed: 09/23/2022
1,2,4-Trichlorobenzene	0.512	0.0417	mg/kg wet	0.833		61.5	10-140				
1,2-Dichlorobenzene	0.502	0.0417	"	0.833		60.2	34-108				
1,3-Dichlorobenzene	0.485	0.0417	"	0.833		58.2	33-110				
1,4-Dichlorobenzene	0.506	0.0417	"	0.833		60.8	32-104				
2,4-Dinitrotoluene	0.613	0.0417	"	0.833		73.5	34-131				
2,6-Dinitrotoluene	0.602	0.0417	"	0.833		72.3	31-128				
2-Chloronaphthalene	0.531	0.0417	"	0.833		63.7	31-117				
2-Methylnaphthalene	0.504	0.0417	"	0.833		60.5	12-138				
2-Nitroaniline	0.631	0.0833	"	0.833		75.7	27-132				
3,3-Dichlorobenzidine	0.858	0.0417	"	0.833		103	22-149				
3-Nitroaniline	0.655	0.0833	"	0.833		78.6	20-133				
4-Bromophenyl phenyl ether	0.494	0.0417	"	0.833		59.2	29-120				
4-Chloroaniline	0.399	0.0417	"	0.833		47.9	10-132				
4-Chlorophenyl phenyl ether	0.495	0.0417	"	0.833		59.4	27-124				
4-Nitroaniline	0.477	0.0833	"	0.833		57.3	16-128				
Acenaphthene	0.510	0.0417	"	0.833		61.2	30-121				
Acenaphthylene	0.498	0.0417	"	0.833		59.7	30-115				
Aniline	0.494	0.167	"	0.833		59.3	10-119				
Anthracene	0.547	0.0417	"	0.833		65.6	34-118				
Benzo(a)anthracene	0.528	0.0417	"	0.833		63.4	32-122				
Benzo(a)pyrene	0.506	0.0417	"	0.833		60.7	29-133				
Benzo(b)fluoranthene	0.539	0.0417	"	0.833		64.7	25-133				
Benzo(g,h,i)perylene	0.525	0.0417	"	0.833		63.0	10-143				
Benzo(k)fluoranthene	0.544	0.0417	"	0.833		65.3	25-128				
Benzyl butyl phthalate	0.587	0.0417	"	0.833		70.4	26-126				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21145 - EPA 3550C											
LCS (BI21145-BS1)											
Prepared: 09/22/2022 Analyzed: 09/23/2022											
Bis(2-chloroethoxy)methane	0.489	0.0417	mg/kg wet	0.833		58.7	19-132				
Bis(2-chloroethyl)ether	0.480	0.0417	"	0.833		57.6	19-125				
Bis(2-chloroisopropyl)ether	0.463	0.0417	"	0.833		55.6	20-135				
Bis(2-ethylhexyl)phthalate	0.606	0.0417	"	0.833		72.8	10-155				
Carbazole	0.528	0.0417	"	0.833		63.3	35-123				
Chrysene	0.538	0.0417	"	0.833		64.6	32-123				
Dibenzo(a,h)anthracene	0.548	0.0417	"	0.833		65.8	10-136				
Dibenzofuran	0.525	0.0417	"	0.833		63.0	29-121				
Diethyl phthalate	0.508	0.0417	"	0.833		60.9	34-116				
Dimethyl phthalate	0.510	0.0417	"	0.833		61.2	35-124				
Di-n-butyl phthalate	0.532	0.0417	"	0.833		63.8	31-116				
Di-n-octyl phthalate	0.642	0.0417	"	0.833		77.0	26-136				
Fluoranthene	0.483	0.0417	"	0.833		58.0	33-122				
Fluorene	0.510	0.0417	"	0.833		61.2	29-123				
Hexachlorobenzene	0.506	0.0417	"	0.833		60.7	21-124				
Hexachlorobutadiene	0.502	0.0417	"	0.833		60.2	10-149				
Hexachlorocyclopentadiene	0.533	0.0417	"	0.833		63.9	10-129				
Hexachloroethane	0.515	0.0417	"	0.833		61.8	28-108				
Indeno(1,2,3-cd)pyrene	0.576	0.0417	"	0.833		69.1	10-135				
Isophorone	0.490	0.0417	"	0.833		58.8	20-132				
Naphthalene	0.528	0.0417	"	0.833		63.4	23-124				
Nitrobenzene	0.542	0.0417	"	0.833		65.0	13-132				
N-Nitrosodimethylamine	0.470	0.0417	"	0.833		56.4	11-129				
N-nitroso-di-n-propylamine	0.452	0.0417	"	0.833		54.2	24-119				
N-Nitrosodiphenylamine	0.591	0.0417	"	0.833		70.9	22-152				
Phenanthrene	0.509	0.0417	"	0.833		61.1	33-123				
Pyrene	0.536	0.0417	"	0.833		64.4	24-130				
Surrogate: SURR: Nitrobenzene-d5	*0.552*		*"*	*0.833*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.525*		*"*	*0.833*		*63.0*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.596*		*"*	*0.833*		*71.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21145 - EPA 3550C											
Matrix Spike (BI21145-MS1)	*Source sample: 22I0470-07 (Matrix Spike)							Prepared: 09/22/2022 Analyzed: 09/23/2022			
1,2,4-Trichlorobenzene	0.574	0.0879	mg/kg dry	0.878	ND	65.4	10-127				
1,2-Dichlorobenzene	0.452	0.0879	"	0.878	ND	51.4	14-111				
1,3-Dichlorobenzene	0.462	0.0879	"	0.878	ND	52.6	11-111				
1,4-Dichlorobenzene	0.473	0.0879	"	0.878	ND	53.9	10-106				
2,4-Dinitrotoluene	0.652	0.0879	"	0.878	ND	74.3	16-135				
2,6-Dinitrotoluene	0.700	0.0879	"	0.878	ND	79.8	18-131				
2-Chloronaphthalene	0.583	0.0879	"	0.878	ND	66.4	10-129				
2-Methylnaphthalene	0.584	0.0879	"	0.878	ND	66.6	10-147				
2-Nitroaniline	0.688	0.176	"	0.878	ND	78.4	10-137				
3,3-Dichlorobenzidine	0.546	0.0879	"	0.878	ND	62.2	10-155				
3-Nitroaniline	0.611	0.176	"	0.878	ND	69.6	12-133				
4-Bromophenyl phenyl ether	0.552	0.0879	"	0.878	ND	62.9	14-128				
4-Chloroaniline	0.490	0.0879	"	0.878	ND	55.8	10-145				
4-Chlorophenyl phenyl ether	0.619	0.0879	"	0.878	ND	70.5	14-130				
4-Nitroaniline	0.676	0.176	"	0.878	ND	77.0	10-147				
Acenaphthene	0.585	0.0879	"	0.878	ND	66.6	10-146				
Acenaphthylene	0.559	0.0879	"	0.878	ND	63.7	10-134				
Aniline	0.413	0.352	"	0.878	ND	47.0	10-123				
Anthracene	0.643	0.0879	"	0.878	ND	73.3	10-142				
Benzo(a)anthracene	0.737	0.0879	"	0.878	0.0937	73.3	10-158				
Benzo(a)pyrene	0.724	0.0879	"	0.878	0.0958	71.6	10-180				
Benzo(b)fluoranthene	0.777	0.0879	"	0.878	0.0831	79.1	10-200				
Benzo(g,h,i)perylene	0.666	0.0879	"	0.878	0.0620	68.8	10-138				
Benzo(k)fluoranthene	0.683	0.0879	"	0.878	0.0754	69.3	10-197				
Benzyl butyl phthalate	0.561	0.0879	"	0.878	ND	63.9	10-154				
Bis(2-chloroethoxy)methane	0.510	0.0879	"	0.878	ND	58.1	10-132				
Bis(2-chloroethyl)ether	0.444	0.0879	"	0.878	ND	50.6	10-119				
Bis(2-chloroisopropyl)ether	0.370	0.0879	"	0.878	ND	42.2	10-139				
Bis(2-ethylhexyl)phthalate	0.560	0.0879	"	0.878	ND	63.8	10-167				
Carbazole	0.588	0.0879	"	0.878	ND	67.0	10-167				
Chrysene	0.691	0.0879	"	0.878	0.0902	68.4	10-156				
Dibenzo(a,h)anthracene	0.605	0.0879	"	0.878	ND	68.9	10-137				
Dibenzofuran	0.603	0.0879	"	0.878	ND	68.6	10-147				
Diethyl phthalate	0.554	0.0879	"	0.878	ND	63.1	20-120				
Dimethyl phthalate	0.567	0.0879	"	0.878	ND	64.6	18-131				
Di-n-butyl phthalate	0.530	0.0879	"	0.878	ND	60.4	10-137				
Di-n-octyl phthalate	0.573	0.0879	"	0.878	ND	65.3	10-180				
Fluoranthene	0.845	0.0879	"	0.878	0.158	78.3	10-160				
Fluorene	0.604	0.0879	"	0.878	ND	68.8	10-157				
Hexachlorobenzene	0.501	0.0879	"	0.878	ND	57.0	10-137				
Hexachlorobutadiene	0.562	0.0879	"	0.878	ND	64.0	10-132				
Hexachlorocyclopentadiene	0.150	0.0879	"	0.878	ND	17.0	10-106				
Hexachloroethane	0.419	0.0879	"	0.878	ND	47.8	10-110				
Indeno(1,2,3-cd)pyrene	0.674	0.0879	"	0.878	0.0528	70.7	10-144				
Isophorone	0.502	0.0879	"	0.878	ND	57.2	10-132				
Naphthalene	0.553	0.0879	"	0.878	ND	63.0	10-141				
Nitrobenzene	0.501	0.0879	"	0.878	ND	57.1	10-131				
N-Nitrosodimethylamine	0.422	0.0879	"	0.878	ND	48.1	10-126				
N-nitroso-di-n-propylamine	0.422	0.0879	"	0.878	ND	48.1	10-125				
N-Nitrosodiphenylamine	0.584	0.0879	"	0.878	ND	66.6	10-177				
Phenanthrene	0.782	0.0879	"	0.878	0.0909	78.7	10-148				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21145 - EPA 3550C											
Matrix Spike (BI21145-MS1)	*Source sample: 22I0470-07 (Matrix Spike)							Prepared: 09/22/2022 Analyzed: 09/23/2022			
Pyrene	0.805	0.0879	mg/kg dry	0.878	0.149	74.7	10-165				
Surrogate: SURR: Nitrobenzene-d5	*0.497*		"	*0.878*		*56.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.581*		"	*0.878*		*66.2*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.609*		"	*0.878*		*69.4*	*24-116*				
Matrix Spike Dup (BI21145-MSD1)	*Source sample: 22I0470-07 (Matrix Spike Dup)							Prepared: 09/22/2022 Analyzed: 09/23/2022			
1,2,4-Trichlorobenzene	0.461	0.0885	mg/kg dry	0.885	ND	52.1	10-127		22.0	30	
1,2-Dichlorobenzene	0.381	0.0885	"	0.885	ND	43.0	14-111		17.0	30	
1,3-Dichlorobenzene	0.388	0.0885	"	0.885	ND	43.8	11-111		17.5	30	
1,4-Dichlorobenzene	0.397	0.0885	"	0.885	ND	44.9	10-106		17.5	30	
2,4-Dinitrotoluene	0.488	0.0885	"	0.885	ND	55.2	16-135		28.8	30	
2,6-Dinitrotoluene	0.541	0.0885	"	0.885	ND	61.1	18-131		25.7	30	
2-Chloronaphthalene	0.459	0.0885	"	0.885	ND	51.8	10-129		23.9	30	
2-Methylnaphthalene	0.452	0.0885	"	0.885	ND	51.1	10-147		25.5	30	
2-Nitroaniline	0.522	0.177	"	0.885	ND	59.0	10-137		27.6	30	
3,3-Dichlorobenzidine	0.458	0.0885	"	0.885	ND	51.8	10-155		17.5	30	
3-Nitroaniline	0.489	0.177	"	0.885	ND	55.3	12-133		22.2	30	
4-Bromophenyl phenyl ether	0.468	0.0885	"	0.885	ND	52.9	14-128		16.5	30	
4-Chloroaniline	0.413	0.0885	"	0.885	ND	46.6	10-145		17.1	30	
4-Chlorophenyl phenyl ether	0.460	0.0885	"	0.885	ND	52.0	14-130		29.4	30	
4-Nitroaniline	0.502	0.177	"	0.885	ND	56.7	10-147		29.6	30	
Acenaphthene	0.464	0.0885	"	0.885	ND	52.5	10-146		23.0	30	
Acenaphthylene	0.430	0.0885	"	0.885	ND	48.6	10-134		26.0	30	
Aniline	0.338	0.355	"	0.885	ND	38.2	10-123		19.9	30	
Anthracene	0.520	0.0885	"	0.885	ND	58.8	10-142		21.2	30	
Benzo(a)anthracene	0.574	0.0885	"	0.885	0.0937	54.3	10-158		24.9	30	
Benzo(a)pyrene	0.538	0.0885	"	0.885	0.0958	50.0	10-180		29.5	30	
Benzo(b)fluoranthene	0.558	0.0885	"	0.885	0.0831	53.6	10-200		32.9	30	Non-dir.
Benzo(g,h,i)perylene	0.505	0.0885	"	0.885	0.0620	50.0	10-138		27.6	30	
Benzo(k)fluoranthene	0.560	0.0885	"	0.885	0.0754	54.8	10-197		19.8	30	
Benzyl butyl phthalate	0.444	0.0885	"	0.885	ND	50.2	10-154		23.4	30	
Bis(2-chloroethoxy)methane	0.405	0.0885	"	0.885	ND	45.8	10-132		23.0	30	
Bis(2-chloroethyl)ether	0.367	0.0885	"	0.885	ND	41.4	10-119		19.1	30	
Bis(2-chloroisopropyl)ether	0.302	0.0885	"	0.885	ND	34.2	10-139		20.2	30	
Bis(2-ethylhexyl)phthalate	0.488	0.0885	"	0.885	ND	55.2	10-167		13.6	30	
Carbazole	0.488	0.0885	"	0.885	ND	55.1	10-167		18.6	30	
Chrysene	0.576	0.0885	"	0.885	0.0902	54.9	10-156		18.2	30	
Dibenzo(a,h)anthracene	0.452	0.0885	"	0.885	ND	51.1	10-137		28.9	30	
Dibenzofuran	0.462	0.0885	"	0.885	ND	52.2	10-147		26.4	30	
Diethyl phthalate	0.421	0.0885	"	0.885	ND	47.6	20-120		27.3	30	
Dimethyl phthalate	0.447	0.0885	"	0.885	ND	50.5	18-131		23.7	30	
Di-n-butyl phthalate	0.433	0.0885	"	0.885	ND	49.0	10-137		20.2	30	
Di-n-octyl phthalate	0.485	0.0885	"	0.885	ND	54.8	10-180		16.7	30	
Fluoranthene	0.655	0.0885	"	0.885	0.158	56.2	10-160		25.3	30	
Fluorene	0.465	0.0885	"	0.885	ND	52.6	10-157		26.0	30	
Hexachlorobenzene	0.418	0.0885	"	0.885	ND	47.3	10-137		18.0	30	
Hexachlorobutadiene	0.467	0.0885	"	0.885	ND	52.8	10-132		18.4	30	
Hexachlorocyclopentadiene	0.0892	0.0885	"	0.885	ND	10.1	10-106		50.6	30	Non-dir.
Hexachloroethane	0.338	0.0885	"	0.885	ND	38.2	10-110		21.6	30	
Indeno(1,2,3-cd)pyrene	0.529	0.0885	"	0.885	0.0528	53.8	10-144		24.1	30	
Isophorone	0.404	0.0885	"	0.885	ND	45.7	10-132		21.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21145 - EPA 3550C											
Matrix Spike Dup (BI21145-MSD1)	*Source sample: 22I0470-07 (Matrix Spike Dup)								Prepared: 09/22/2022 Analyzed: 09/23/2022		
Naphthalene	0.441	0.0885	mg/kg dry	0.885	ND	49.8	10-141		22.6	30	
Nitrobenzene	0.415	0.0885	"	0.885	ND	47.0	10-131		18.8	30	
N-Nitrosodimethylamine	0.355	0.0885	"	0.885	ND	40.2	10-126		17.2	30	
N-nitroso-di-n-propylamine	0.347	0.0885	"	0.885	ND	39.2	10-125		19.6	30	
N-Nitrosodiphenylamine	0.501	0.0885	"	0.885	ND	56.6	10-177		15.3	30	
Phenanthrene	0.574	0.0885	"	0.885	0.0909	54.6	10-148		30.7	30	Non-dir.
Pyrene	0.632	0.0885	"	0.885	0.149	54.6	10-165		24.1	30	
Surrogate: SURR: Nitrobenzene-d5	*0.420*		*"*	*0.885*		*47.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.461*		*"*	*0.885*		*52.1*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.537*		*"*	*0.885*		*60.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20766 - EPA 3535A											
Blank (BI20766-BLK1)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.24*		*"*	*4.00*		*56.0*	*36.6-118*				
LCS (BI20766-BS1)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,4-Dioxane	4.93	0.300	ug/L	4.00		123	50-130				
Surrogate: 1,4-Dioxane-d8	*2.08*		*"*	*4.00*		*52.0*	*36.6-118*				
Matrix Spike (BI20766-MS1)	*Source sample: 22I0453-02 (MW-2)								Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,4-Dioxane	4.61	0.300	ug/L	4.00	ND	115	50-130				
Surrogate: 1,4-Dioxane-d8	*2.08*		*"*	*4.00*		*52.0*	*50-130*				
Matrix Spike Dup (BI20766-MSD1)	*Source sample: 22I0453-02 (MW-2)								Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,4-Dioxane	4.50	0.300	ug/L	4.00	ND	112	50-130		2.46	30	
Surrogate: 1,4-Dioxane-d8	*2.56*		*"*	*4.00*		*64.0*	*50-130*				
Batch BI21236 - EPA 3550C											
Blank (BI21236-BLK1)									Prepared: 09/23/2022 Analyzed: 09/24/2022		
1,4-Dioxane	ND	20.2	ug/kg								
Surrogate: 1,4-Dioxane-d8	*424*		*"*	*500*		*84.8*	*39-127.5*				
LCS (BI21236-BS1)									Prepared: 09/23/2022 Analyzed: 09/24/2022		
1,4-Dioxane	493	20.2	ug/kg	500		98.6	40-130				
Surrogate: 1,4-Dioxane-d8	*434*		*"*	*500*		*86.9*	*39-127.5*				
Matrix Spike (BI21236-MS1)	*Source sample: 22I0397-01 (Matrix Spike)								Prepared: 09/23/2022 Analyzed: 09/24/2022		
1,4-Dioxane	518	20.2	ug/kg	500	ND	104	40-130				
Surrogate: 1,4-Dioxane-d8	*394*		*"*	*500*		*78.8*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21236 - EPA 3550C											
Matrix Spike Dup (BI21236-MSD1)	*Source sample: 22I0397-01 (Matrix Spike Dup)								Prepared: 09/23/2022 Analyzed: 09/24/2022		
1,4-Dioxane	505	20.2	ug/kg	500	ND	101	40-130		2.57	30	
Surrogate: 1,4-Dioxane-d8	*475*		*"*	*500*		*94.9*	*40-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
Blank (BI20511-BLK1)											
Prepared: 09/12/2022 Analyzed: 09/15/2022											
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*70.3*		"	*74.3*		*94.5*	*25-150*				
Surrogate: M5PFHxA	*87.5*		"	*80.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*83.2*		"	*80.0*		*104*	*25-150*				
Surrogate: M3PFHxS	*74.6*		"	*75.7*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*97.1*		"	*80.0*		*121*	*25-150*				
Surrogate: M6PFDA	*89.0*		"	*80.0*		*111*	*25-150*				
Surrogate: M7PFUdA	*78.3*		"	*80.0*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.3*		"	*80.0*		*90.3*	*25-150*				
Surrogate: M2PFTeDA	*59.5*		"	*80.0*		*74.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*84.9*		"	*80.0*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.2*		"	*76.6*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*81.9*		"	*80.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.4*		"	*80.0*		*48.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*80.5*		"	*80.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*74.7*		"	*80.0*		*93.4*	*25-150*				
Surrogate: M2-6:2 FTS	*64.4*		"	*75.9*		*84.9*	*25-200*				
Surrogate: M2-8:2 FTS	*87.4*		"	*76.6*		*114*	*25-200*				
Surrogate: M9PFNA	*87.2*		"	*80.0*		*109*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
LCS (BI20511-BS1)								Prepared: 09/12/2022 Analyzed: 09/15/2022			
Perfluorobutanesulfonic acid (PFBS)	68.8	2.00	ng/L	70.8		97.1	50-130				
Perfluorohexanoic acid (PFHxA)	76.8	2.00	"	80.0		96.0	50-130				
Perfluoroheptanoic acid (PFHpA)	72.6	2.00	"	80.0		90.7	50-130				
Perfluorohexanesulfonic acid (PFHxS)	63.2	2.00	"	72.8		86.9	50-130				
Perfluorooctanoic acid (PFOA)	65.6	2.00	"	80.0		82.0	50-130				
Perfluorooctanesulfonic acid (PFOS)	66.5	2.00	"	74.0		89.8	50-130				
Perfluorononanoic acid (PFNA)	76.2	2.00	"	80.0		95.3	50-130				
Perfluorodecanoic acid (PFDA)	79.7	2.00	"	80.0		99.6	50-130				
Perfluoroundecanoic acid (PFUnA)	86.3	2.00	"	80.0		108	50-130				
Perfluorododecanoic acid (PFDoA)	78.8	2.00	"	80.0		98.5	50-130				
Perfluorotridecanoic acid (PFTrDA)	70.6	2.00	"	80.0		88.3	50-130				
Perfluorotetradecanoic acid (PFTA)	84.9	2.00	"	80.0		106	50-130				
N-MeFOSAA	84.3	2.00	"	80.0		105	50-130				
N-EtFOSAA	80.2	2.00	"	80.0		100	50-130				
Perfluoropentanoic acid (PFPeA)	70.5	2.00	"	80.0		88.1	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	70.6	2.00	"	80.0		88.3	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	69.4	2.00	"	76.4		90.9	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	63.1	2.00	"	77.2		81.7	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	81.4	5.00	"	76.0		107	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	72.9	2.00	"	76.8		94.9	50-175				
Perfluoro-n-butanoic acid (PFBA)	76.2	2.00	"	80.0		95.2	50-130				
Surrogate: M3PFBS	*66.8*		*"*	*74.3*		*89.9*	*25-150*				
Surrogate: M5PFHxA	*81.7*		*"*	*80.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*84.9*		*"*	*80.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*79.6*		*"*	*75.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.7*		*"*	*80.0*		*120*	*25-150*				
Surrogate: M6PFDA	*78.7*		*"*	*80.0*		*98.3*	*25-150*				
Surrogate: M7PFUdA	*76.9*		*"*	*80.0*		*96.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.0*		*"*	*80.0*		*100*	*25-150*				
Surrogate: M2PFTeDA	*66.7*		*"*	*80.0*		*83.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.8*		*"*	*80.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.1*		*"*	*76.6*		*99.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.2*		*"*	*80.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*54.1*		*"*	*80.0*		*67.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*79.2*		*"*	*80.0*		*98.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*79.5*		*"*	*80.0*		*99.4*	*25-150*				
Surrogate: M2-6:2 FTS	*65.5*		*"*	*75.9*		*86.3*	*25-200*				
Surrogate: M2-8:2 FTS	*91.3*		*"*	*76.6*		*119*	*25-200*				
Surrogate: M9PFNA	*76.9*		*"*	*80.0*		*96.1*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BI20511-BSD1)									Prepared: 09/12/2022 Analyzed: 09/15/2022		
Perfluorobutanesulfonic acid (PFBS)	63.5	2.00	ng/L	70.8		89.7	50-130		7.95	30	
Perfluorohexanoic acid (PFHxA)	71.0	2.00	"	80.0		88.7	50-130		7.92	30	
Perfluoroheptanoic acid (PFHpA)	73.9	2.00	"	80.0		92.4	50-130		1.80	30	
Perfluorohexanesulfonic acid (PFHxS)	59.9	2.00	"	72.8		82.3	50-130		5.40	30	
Perfluorooctanoic acid (PFOA)	60.9	2.00	"	80.0		76.2	50-130		7.41	30	
Perfluorooctanesulfonic acid (PFOS)	62.9	2.00	"	74.0		84.9	50-130		5.58	30	
Perfluorononanoic acid (PFNA)	64.1	2.00	"	80.0		80.1	50-130		17.4	30	
Perfluorodecanoic acid (PFDA)	68.3	2.00	"	80.0		85.4	50-130		15.4	30	
Perfluoroundecanoic acid (PFUnA)	70.8	2.00	"	80.0		88.5	50-130		19.8	30	
Perfluorododecanoic acid (PFDoA)	73.1	2.00	"	80.0		91.4	50-130		7.45	30	
Perfluorotridecanoic acid (PFTrDA)	59.4	2.00	"	80.0		74.3	50-130		17.3	30	
Perfluorotetradecanoic acid (PFTA)	77.6	2.00	"	80.0		97.0	50-130		8.99	30	
N-MeFOSAA	74.9	2.00	"	80.0		93.6	50-130		11.8	30	
N-EtFOSAA	63.2	2.00	"	80.0		79.0	50-130		23.8	30	
Perfluoropentanoic acid (PFPeA)	69.0	2.00	"	80.0		86.3	50-130		2.14	30	
Perfluoro-1-octanesulfonamide (FOSA)	63.5	2.00	"	80.0		79.4	50-130		10.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	64.2	2.00	"	76.4		84.1	50-130		7.78	30	
Perfluoro-1-decanesulfonic acid (PFDS)	59.6	2.00	"	77.2		77.2	50-130		5.71	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.1	5.00	"	76.0		97.5	50-175		9.31	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	57.8	2.00	"	76.8		75.3	50-175		23.0	30	
Perfluoro-n-butanoic acid (PFBA)	70.6	2.00	"	80.0		88.3	50-130		7.57	30	
Surrogate: M3PFBS	*67.5*		"	*74.3*		*90.8*	*25-150*				
Surrogate: M5PFHxA	*82.9*		"	*80.0*		*104*	*25-150*				
Surrogate: M4PFHpA	*80.7*		"	*80.0*		*101*	*25-150*				
Surrogate: M3PFHxS	*77.0*		"	*75.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*100*		"	*80.0*		*125*	*25-150*				
Surrogate: M6PFDA	*87.4*		"	*80.0*		*109*	*25-150*				
Surrogate: M7PFUdA	*84.7*		"	*80.0*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.9*		"	*80.0*		*98.6*	*25-150*				
Surrogate: M2PFTeDA	*62.5*		"	*80.0*		*78.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*95.4*		"	*80.0*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.4*		"	*76.6*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.4*		"	*80.0*		*97.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*47.4*		"	*80.0*		*59.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.4*		"	*80.0*		*93.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.5*		"	*80.0*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		"	*75.9*		*86.1*	*25-200*				
Surrogate: M2-8:2 FTS	*90.5*		"	*76.6*		*118*	*25-200*				
Surrogate: M9PFNA	*88.8*		"	*80.0*		*111*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20595 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BI20595-BLK1)									Prepared: 09/13/2022 Analyzed: 09/17/2022		
Perfluorobutanesulfonic acid (PFBS)	ND	0.230	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.230	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.230	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.230	"								
Perfluorooctanoic acid (PFOA)	ND	0.230	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.230	"								
Perfluorononanoic acid (PFNA)	ND	0.230	"								
Perfluorodecanoic acid (PFDA)	ND	0.230	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.230	"								
Perfluorododecanoic acid (PFDoA)	ND	0.230	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.230	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.230	"								
N-MeFOSAA	ND	0.230	"								
N-EtFOSAA	ND	0.230	"								
Perfluoropentanoic acid (PFPeA)	ND	0.230	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.230	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.230	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.230	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.230	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.230	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.230	"								
Surrogate: M3PFBS	*2.85*		"	*4.27*		*66.7*	*25-150*				
Surrogate: M5PFHxA	*3.30*		"	*4.59*		*71.8*	*25-150*				
Surrogate: M4PFHpA	*3.45*		"	*4.59*		*75.0*	*25-150*				
Surrogate: M3PFHxS	*3.14*		"	*4.35*		*72.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.83*		"	*4.59*		*105*	*25-150*				
Surrogate: M6PFDA	*3.88*		"	*4.59*		*84.5*	*25-150*				
Surrogate: M7PFUdA	*2.82*		"	*4.59*		*61.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.19*		"	*4.59*		*69.5*	*25-150*				
Surrogate: M2PFTeDA	*3.03*		"	*4.59*		*66.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.77*		"	*4.59*		*82.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.07*		"	*4.40*		*69.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.37*		"	*4.59*		*73.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.08*		"	*4.59*		*67.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.40*		"	*4.59*		*73.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.90*		"	*4.59*		*63.1*	*25-150*				
Surrogate: M2-6:2 FTS	*2.72*		"	*4.36*		*62.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.52*		"	*4.40*		*80.0*	*25-200*				
Surrogate: M9PFNA	*3.21*		"	*4.59*		*69.9*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20595 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BI20595-BS1)								Prepared: 09/13/2022 Analyzed: 09/17/2022			
Perfluorobutanesulfonic acid (PFBS)	4.40	0.239	ug/kg wet	4.24		104	50-130				
Perfluorohexanoic acid (PFHxA)	4.60	0.239	"	4.79		96.0	50-130				
Perfluoroheptanoic acid (PFHpA)	4.40	0.239	"	4.79		91.8	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.00	0.239	"	4.36		91.9	50-130				
Perfluorooctanoic acid (PFOA)	3.35	0.239	"	4.79		70.0	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.73	0.239	"	4.43		107	50-130				
Perfluorononanoic acid (PFNA)	4.72	0.239	"	4.79		98.7	50-130				
Perfluorodecanoic acid (PFDA)	4.23	0.239	"	4.79		88.3	50-130				
Perfluoroundecanoic acid (PFUnA)	4.67	0.239	"	4.79		97.5	50-130				
Perfluorododecanoic acid (PFDoA)	5.15	0.239	"	4.79		108	50-130				
Perfluorotridecanoic acid (PFTrDA)	2.85	0.239	"	4.79		59.5	50-130				
Perfluorotetradecanoic acid (PFTA)	4.41	0.239	"	4.79		92.1	50-130				
N-MeFOSAA	4.90	0.239	"	4.79		102	50-130				
N-EtFOSAA	4.84	0.239	"	4.79		101	50-130				
Perfluoropentanoic acid (PFPeA)	4.53	0.239	"	4.79		94.6	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.83	0.239	"	4.79		101	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.76	0.239	"	4.57		126	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.84	0.239	"	4.62		105	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.88	0.239	"	4.55		107	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.54	0.239	"	4.60		121	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.46	0.239	"	4.79		93.3	50-130				
Surrogate: M3PFBS	*3.19*		"	*4.45*		*71.8*	*25-150*				
Surrogate: M5PFHxA	*4.03*		"	*4.79*		*84.1*	*25-150*				
Surrogate: M4PFHpA	*4.21*		"	*4.79*		*88.0*	*25-150*				
Surrogate: M3PFHxS	*3.53*		"	*4.53*		*77.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.55*		"	*4.79*		*116*	*25-150*				
Surrogate: M6PFDA	*4.19*		"	*4.79*		*87.6*	*25-150*				
Surrogate: M7PFUdA	*3.93*		"	*4.79*		*82.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.48*		"	*4.79*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*3.30*		"	*4.79*		*68.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.54*		"	*4.79*		*94.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.66*		"	*4.58*		*58.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.83*		"	*4.79*		*79.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.27*		"	*4.79*		*68.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.60*		"	*4.79*		*75.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.61*		"	*4.79*		*75.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.60*		"	*4.54*		*79.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.12*		"	*4.59*		*68.0*	*25-200*				
Surrogate: M9PFNA	*3.88*		"	*4.79*		*81.0*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20595 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BI20595-MS1)	*Source sample: 22I0401-02 (Matrix Spike)							Prepared: 09/13/2022 Analyzed: 09/17/2022			
Perfluorobutanesulfonic acid (PFBS)	4.96	0.281	ug/kg dry	4.98	ND	99.6	25-150				
Perfluorohexanoic acid (PFHxA)	5.59	0.281	"	5.63	ND	99.3	25-150				
Perfluoroheptanoic acid (PFHpA)	5.27	0.281	"	5.63	ND	93.7	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.36	0.281	"	5.12	ND	85.0	25-150				
Perfluorooctanoic acid (PFOA)	4.02	0.281	"	5.63	ND	71.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.76	0.281	"	5.21	ND	91.4	25-150				
Perfluorononanoic acid (PFNA)	5.20	0.281	"	5.63	ND	92.3	25-150				
Perfluorodecanoic acid (PFDA)	5.37	0.281	"	5.63	ND	95.3	25-150				
Perfluoroundecanoic acid (PFUnA)	5.81	0.281	"	5.63	ND	103	25-150				
Perfluorododecanoic acid (PFDoA)	5.78	0.281	"	5.63	ND	103	25-150				
Perfluorotridecanoic acid (PFTrDA)	3.03	0.281	"	5.63	ND	53.8	25-150				
Perfluorotetradecanoic acid (PFTA)	5.09	0.281	"	5.63	ND	90.4	25-150				
N-MeFOSAA	6.71	0.281	"	5.63	ND	119	25-150				
N-EtFOSAA	5.94	0.281	"	5.63	ND	105	25-150				
Perfluoropentanoic acid (PFPeA)	5.38	0.281	"	5.63	ND	95.5	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.46	0.281	"	5.63	ND	97.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.51	0.281	"	5.38	ND	103	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.91	0.281	"	5.43	ND	72.1	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.28	0.281	"	5.35	ND	98.7	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.53	0.281	"	5.40	ND	83.9	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.38	0.281	"	5.63	ND	95.6	25-150				
Surrogate: M3PFBS	*3.39*		"	*5.23*		*64.8*	*25-150*				
Surrogate: M5PFHxA	*4.37*		"	*5.63*		*77.6*	*25-150*				
Surrogate: M4PFHpA	*4.43*		"	*5.63*		*78.7*	*25-150*				
Surrogate: M3PFHxS	*3.95*		"	*5.32*		*74.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*6.61*		"	*5.63*		*117*	*25-150*				
Surrogate: M6PFDA	*3.96*		"	*5.63*		*70.4*	*25-150*				
Surrogate: M7PFUdA	*3.04*		"	*5.63*		*54.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.56*		"	*5.63*		*63.2*	*25-150*				
Surrogate: M2PFTeDA	*3.90*		"	*5.63*		*69.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.99*		"	*5.63*		*88.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.60*		"	*5.39*		*66.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.19*		"	*5.63*		*74.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.43*		"	*5.63*		*60.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.38*		"	*5.63*		*60.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.80*		"	*5.63*		*67.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.98*		"	*5.34*		*93.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.42*		"	*5.39*		*82.0*	*25-200*				
Surrogate: M9PFNA	*4.34*		"	*5.63*		*77.0*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20595 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BI20595-MSD1)	*Source sample: 22I0401-02 (Matrix Spike Dup)								Prepared: 09/13/2022 Analyzed: 09/17/2022		
Perfluorobutanesulfonic acid (PFBS)	4.50	0.263	ug/kg dry	4.65	ND	96.7	25-150		9.76	35	
Perfluorohexanoic acid (PFHxA)	5.44	0.263	"	5.26	ND	104	25-150		2.61	35	
Perfluoroheptanoic acid (PFHpA)	4.76	0.263	"	5.26	ND	90.6	25-150		10.2	35	
Perfluorohexanesulfonic acid (PFHxS)	4.02	0.263	"	4.79	ND	84.1	25-150		7.90	35	
Perfluorooctanoic acid (PFOA)	3.46	0.263	"	5.26	ND	65.7	25-150		15.0	35	
Perfluorooctanesulfonic acid (PFOS)	4.56	0.263	"	4.86	ND	93.7	25-150		4.22	35	
Perfluorononanoic acid (PFNA)	4.48	0.263	"	5.26	ND	85.2	25-150		14.8	35	
Perfluorodecanoic acid (PFDA)	4.62	0.263	"	5.26	ND	87.9	25-150		14.9	35	
Perfluoroundecanoic acid (PFUnA)	5.17	0.263	"	5.26	ND	98.3	25-150		11.6	35	
Perfluorododecanoic acid (PFDoA)	4.84	0.263	"	5.26	ND	92.0	25-150		17.8	35	
Perfluorotridecanoic acid (PFTrDA)	3.10	0.263	"	5.26	ND	59.0	25-150		2.44	35	
Perfluorotetradecanoic acid (PFTA)	4.72	0.263	"	5.26	ND	89.8	25-150		7.53	35	
N-MeFOSAA	5.16	0.263	"	5.26	ND	98.1	25-150		26.1	35	
N-EtFOSAA	6.09	0.263	"	5.26	ND	116	25-150		2.54	35	
Perfluoropentanoic acid (PFPeA)	5.05	0.263	"	5.26	ND	96.0	25-150		6.30	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.32	0.263	"	5.26	ND	101	25-150		2.65	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.25	0.263	"	5.02	ND	124	25-150		12.5	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.00	0.263	"	5.07	ND	59.0	25-150		26.6	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.54	0.263	"	5.00	ND	91.0	25-200		14.9	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.94	0.263	"	5.05	ND	97.9	25-200		8.69	35	
Perfluoro-n-butanoic acid (PFBA)	4.89	0.263	"	5.26	ND	93.0	25-150		9.54	35	
Surrogate: M3PFBS	*3.06*		"	*4.89*		*62.6*	*25-150*				
Surrogate: M5PFHxA	*3.82*		"	*5.26*		*72.6*	*25-150*				
Surrogate: M4PFHpA	*4.19*		"	*5.26*		*79.6*	*25-150*				
Surrogate: M3PFHxS	*3.85*		"	*4.97*		*77.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.86*		"	*5.26*		*111*	*25-150*				
Surrogate: M6PFDA	*3.13*		"	*5.26*		*59.5*	*25-150*				
Surrogate: M7PFUdA	*2.78*		"	*5.26*		*52.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.07*		"	*5.26*		*58.4*	*25-150*				
Surrogate: M2PFTeDA	*3.01*		"	*5.26*		*57.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.39*		"	*5.26*		*83.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.68*		"	*5.03*		*53.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.89*		"	*5.26*		*74.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		"	*5.26*		*50.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.93*		"	*5.26*		*55.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.12*		"	*5.26*		*59.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.18*		"	*4.99*		*83.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.77*		"	*5.04*		*54.9*	*25-200*				
Surrogate: M9PFNA	*3.79*		"	*5.26*		*72.1*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
Blank (BI20471-BLK1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.200*		*83.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.200*		*71.9*	*30-150*				
LCS (BI20471-BS1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	0.0755	0.00400	ug/L	0.100		75.5	40-140				
4,4'-DDE	0.0851	0.00400	"	0.100		85.1	40-140				
4,4'-DDT	0.0704	0.00400	"	0.100		70.4	40-140				
Aldrin	0.0609	0.00400	"	0.100		60.9	40-140				
alpha-BHC	0.0578	0.00400	"	0.100		57.8	40-140				
alpha-Chlordane	0.0607	0.00400	"	0.100		60.7	40-140				
beta-BHC	0.0743	0.00400	"	0.100		74.3	40-140				
delta-BHC	0.0493	0.00400	"	0.100		49.3	40-140				
Dieldrin	0.0629	0.00200	"	0.100		62.9	40-140				
Endosulfan I	0.0528	0.00400	"	0.100		52.8	40-140				
Endosulfan II	0.0573	0.00400	"	0.100		57.3	40-140				
Endosulfan sulfate	0.0588	0.00400	"	0.100		58.8	40-140				
Endrin	0.0691	0.00400	"	0.100		69.1	40-140				
Endrin aldehyde	0.0641	0.0100	"	0.100		64.1	40-140				
Endrin ketone	0.0658	0.0100	"	0.100		65.8	40-140				
gamma-BHC (Lindane)	0.0615	0.00400	"	0.100		61.5	40-140				
gamma-Chlordane	0.0657	0.0100	"	0.100		65.7	40-140				
Heptachlor	0.0645	0.00400	"	0.100		64.5	40-140				
Heptachlor epoxide	0.0645	0.00400	"	0.100		64.5	40-140				
Methoxychlor	0.105	0.00400	"	0.100		105	40-140				
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.200*		*65.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
LCS Dup (BI20471-BSD1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	0.0881	0.00400	ug/L	0.100		88.1	40-140		15.4	20	
4,4'-DDE	0.0979	0.00400	"	0.100		97.9	40-140		14.0	20	
4,4'-DDT	0.0819	0.00400	"	0.100		81.9	40-140		15.2	20	
Aldrin	0.0687	0.00400	"	0.100		68.7	40-140		12.1	20	
alpha-BHC	0.0659	0.00400	"	0.100		65.9	40-140		13.1	20	
alpha-Chlordane	0.0690	0.00400	"	0.100		69.0	40-140		12.9	20	
beta-BHC	0.0850	0.00400	"	0.100		85.0	40-140		13.4	20	
delta-BHC	0.0594	0.00400	"	0.100		59.4	40-140		18.6	20	
Dieldrin	0.0723	0.00200	"	0.100		72.3	40-140		13.9	20	
Endosulfan I	0.0586	0.00400	"	0.100		58.6	40-140		10.5	20	
Endosulfan II	0.0667	0.00400	"	0.100		66.7	40-140		15.1	20	
Endosulfan sulfate	0.0679	0.00400	"	0.100		67.9	40-140		14.5	20	
Endrin	0.0804	0.00400	"	0.100		80.4	40-140		15.1	20	
Endrin aldehyde	0.0726	0.0100	"	0.100		72.6	40-140		12.3	20	
Endrin ketone	0.0749	0.0100	"	0.100		74.9	40-140		13.0	20	
gamma-BHC (Lindane)	0.0706	0.00400	"	0.100		70.6	40-140		13.8	20	
gamma-Chlordane	0.0741	0.0100	"	0.100		74.1	40-140		12.0	20	
Heptachlor	0.0733	0.00400	"	0.100		73.3	40-140		12.9	20	
Heptachlor epoxide	0.0735	0.00400	"	0.100		73.5	40-140		13.0	20	
Methoxychlor	0.118	0.00400	"	0.100		118	40-140		11.6	20	
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*71.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.6*	*30-150*				
Batch BI21067 - EPA 3550C											
Blank (BI21067-BLK1)									Prepared: 09/21/2022 Analyzed: 09/23/2022		
4,4'-DDD	ND	1.65	ug/kg wet								
4,4'-DDE	ND	1.65	"								
4,4'-DDT	ND	1.65	"								
Aldrin	ND	1.65	"								
alpha-BHC	ND	1.65	"								
alpha-Chlordane	ND	1.65	"								
beta-BHC	ND	1.65	"								
Chlordane, total	ND	33.0	"								
delta-BHC	ND	1.65	"								
Dieldrin	ND	1.65	"								
Endosulfan I	ND	1.65	"								
Endosulfan II	ND	1.65	"								
Endosulfan sulfate	ND	1.65	"								
Endrin	ND	1.65	"								
Endrin aldehyde	ND	1.65	"								
Endrin ketone	ND	1.65	"								
gamma-BHC (Lindane)	ND	1.65	"								
gamma-Chlordane	ND	1.65	"								
Heptachlor	ND	1.65	"								
Heptachlor epoxide	ND	1.65	"								
Methoxychlor	ND	8.25	"								
Toxaphene	ND	83.5	"								
Surrogate: Decachlorobiphenyl	*49.7*		*"*	*66.7*		*74.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*61.2*		*"*	*66.7*		*91.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21067 - EPA 3550C											
LCS (BI21067-BS1)									Prepared: 09/21/2022 Analyzed: 09/22/2022		
4,4'-DDD	32.5	1.65	ug/kg wet	33.3		97.4	40-140				
4,4'-DDE	32.7	1.65	"	33.3		98.1	40-140				
4,4'-DDT	21.7	1.65	"	33.3		65.0	40-140				
Aldrin	35.8	1.65	"	33.3		107	40-140				
alpha-BHC	38.0	1.65	"	33.3		114	40-140				
alpha-Chlordane	34.9	1.65	"	33.3		105	40-140				
beta-BHC	41.7	1.65	"	33.3		125	40-140				
delta-BHC	34.4	1.65	"	33.3		103	40-140				
Dieldrin	33.1	1.65	"	33.3		99.4	40-140				
Endosulfan I	34.3	1.65	"	33.3		103	40-140				
Endosulfan II	32.5	1.65	"	33.3		97.4	40-140				
Endosulfan sulfate	32.2	1.65	"	33.3		96.5	40-140				
Endrin	30.0	1.65	"	33.3		89.9	40-140				
Endrin aldehyde	31.1	1.65	"	33.3		93.4	40-140				
Endrin ketone	31.7	1.65	"	33.3		95.2	40-140				
gamma-BHC (Lindane)	37.1	1.65	"	33.3		111	40-140				
gamma-Chlordane	35.3	1.65	"	33.3		106	40-140				
Heptachlor	33.8	1.65	"	33.3		101	40-140				
Heptachlor epoxide	36.3	1.65	"	33.3		109	40-140				
Methoxychlor	26.3	8.25	"	33.3		78.8	40-140				
Surrogate: Decachlorobiphenyl	*51.0*		*"*	*66.7*		*76.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*72.7*		*"*	*66.7*		*109*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
Blank (BI20471-BLK2)								Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.195*		*"*	*0.200*		*97.5*	*30-120*				
LCS (BI20471-BS2)								Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.738	0.0500	ug/L	1.00		73.8	40-120				
Aroclor 1260	0.883	0.0500	"	1.00		88.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.195*		*"*	*0.200*		*97.5*	*30-120*				
Matrix Spike (BI20471-MS2)	*Source sample: 22I0366-05 (Matrix Spike)							Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.331	0.0500	ug/L	1.00	ND	33.1	40-140	Low Bias			
Aroclor 1260	0.380	0.0500	"	1.00	ND	38.0	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.104*		*"*	*0.200*		*52.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0830*		*"*	*0.200*		*41.5*	*30-120*				
Matrix Spike Dup (BI20471-MSD2)	*Source sample: 22I0366-05 (Matrix Spike Dup)							Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.520	0.0500	ug/L	1.00	ND	52.0	40-140		44.4	50	
Aroclor 1260	0.581	0.0500	"	1.00	ND	58.1	40-140		41.8	50	
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.200*		*69.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.200*		*58.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21067 - EPA 3550C											
Blank (BI21067-BLK2)											Prepared: 09/21/2022 Analyzed: 09/22/2022
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0547*		*"*	*0.0667*		*82.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0653*		*"*	*0.0667*		*98.0*	*30-140*				
LCS (BI21067-BS2)											Prepared: 09/21/2022 Analyzed: 09/22/2022
Aroclor 1016	0.344	0.0167	mg/kg wet	0.333		103	40-130				
Aroclor 1260	0.379	0.0167	"	0.333		114	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0637*		*"*	*0.0667*		*95.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0780*		*"*	*0.0667*		*117*	*30-140*				
Matrix Spike (BI21067-MS2)	*Source sample: 22I0453-05 (SP-14 (6-8))										Prepared: 09/21/2022 Analyzed: 09/23/2022
Aroclor 1016	0.443	0.0196	mg/kg dry	0.392	ND	113	40-140				
Aroclor 1260	0.455	0.0196	"	0.392	ND	116	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0777*		*"*	*0.0785*		*99.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0863*		*"*	*0.0785*		*110*	*30-140*				
Matrix Spike Dup (BI21067-MSD2)	*Source sample: 22I0453-05 (SP-14 (6-8))										Prepared: 09/21/2022 Analyzed: 09/23/2022
Aroclor 1016	0.422	0.0196	mg/kg dry	0.392	ND	107	40-140		4.87	50	
Aroclor 1260	0.440	0.0196	"	0.392	ND	112	40-140		3.28	50	
Surrogate: Tetrachloro-m-xylene	*0.0797*		*"*	*0.0785*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0883*		*"*	*0.0785*		*112*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Blank (BI20586-BLK1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.125	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BI20586-BS1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	1.78		ug/mL	2.00		88.8	80-120				
Barium	2.10		"	2.00		105	80-120				
Calcium	0.898		"	1.00		89.8	80-120				
Chromium	0.202		"	0.200		101	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.257		"	0.250		103	80-120				
Iron	1.01		"	1.00		101	80-120				
Lead	0.489		"	0.500		97.8	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.526		"	0.500		105	80-120				
Nickel	0.493		"	0.500		98.5	80-120				
Potassium	0.998		"	1.00		99.8	80-120				
Silver	0.0494		"	0.0500		98.9	80-120				
Sodium	1.59		"	1.00		159	80-120	High Bias			
Vanadium	0.515		"	0.500		103	80-120				
Zinc	0.518		"	0.500		104	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Duplicate (BI20586-DUP1)	*Source sample: 22I0574-12 (Duplicate)								Prepared: 09/13/2022 Analyzed: 09/14/2022		
Aluminum	0.141	0.0556	mg/L		0.0986				35.4	20	Non-dir.
Barium	ND	0.0278	"		ND					20	
Calcium	ND	0.0556	"		ND					20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	0.0226	0.00556	"		0.0202				11.3	20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0506	0.0278	"		0.0415				19.9	20	
Matrix Spike (BI20586-MS1)	*Source sample: 22I0574-12 (Matrix Spike)								Prepared: 09/13/2022 Analyzed: 09/14/2022		
Aluminum	2.01	0.0556	mg/L	2.22	0.0986	86.1	75-125				
Barium	2.39	0.0278	"	2.22	ND	108	75-125				
Calcium	1.00	0.0556	"	1.11	ND	90.3	75-125				
Chromium	0.226	0.00556	"	0.222	ND	102	75-125				
Cobalt	0.564	0.00444	"	0.556	ND	101	75-125				
Copper	0.286	0.0222	"	0.278	ND	103	75-125				
Iron	1.15	0.278	"	1.11	ND	103	75-125				
Lead	0.548	0.00556	"	0.556	0.0202	94.9	75-125				
Magnesium	1.16	0.0556	"	1.11	ND	104	75-125				
Manganese	0.597	0.00556	"	0.556	ND	107	75-125				
Nickel	0.538	0.0111	"	0.556	ND	96.8	75-125				
Potassium	1.23	0.0556	"	1.11	ND	111	75-125				
Silver	0.0557	0.00556	"	0.0556	ND	100	75-125				
Sodium	1.79	0.556	"	1.11	ND	162	75-125	High Bias			
Vanadium	0.582	0.0111	"	0.556	ND	105	75-125				
Zinc	0.569	0.0278	"	0.556	0.0415	95.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Post Spike (BI20586-PS1)	*Source sample: 22I0574-12 (Post Spike)							Prepared: 09/13/2022 Analyzed: 09/14/2022			
Aluminum	2.07		ug/mL	2.00	0.0888	99.1	75-125				
Barium	2.40		"	2.00	0.000946	120	75-125				
Calcium	0.964		"	1.00	-0.0528	96.4	75-125				
Chromium	0.226		"	0.200	-0.00126	113	75-125				
Cobalt	0.651		"	0.500	-0.000841	130	75-125	High Bias			
Copper	0.290		"	0.250	-0.00501	116	75-125				
Iron	1.14		"	1.00	0.0100	113	75-125				
Lead	0.633		"	0.500	0.0182	123	75-125				
Magnesium	1.14		"	1.00	0.0105	113	75-125				
Manganese	0.598		"	0.500	0.000680	119	75-125				
Nickel	0.613		"	0.500	-0.0145	123	75-125				
Potassium	0.848		"	1.00	0.00620	84.2	75-125				
Silver	0.0377		"	0.0500	0.00333	68.7	75-125	Low Bias			
Sodium	2.09		"	1.00	-0.0354	209	75-125	High Bias			
Vanadium	0.582		"	0.500	-0.000375	116	75-125				
Zinc	0.657		"	0.500	0.0373	124	75-125				
Batch BI20783 - EPA 3015A											
Blank (BI20783-BLK1)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	0.159	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.0671	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20783 - EPA 3015A											
LCS (BI20783-BS1)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
Aluminum - Dissolved	1.85		ug/mL	2.00		92.3	80-120				
Barium - Dissolved	2.13		"	2.00		106	80-120				
Calcium - Dissolved	0.865		"	1.00		86.5	80-120				
Chromium - Dissolved	0.209		"	0.200		105	80-120				
Cobalt - Dissolved	0.534		"	0.500		107	80-120				
Copper - Dissolved	0.257		"	0.250		103	80-120				
Iron - Dissolved	1.24		"	1.00		124	80-120	High Bias			
Lead - Dissolved	0.507		"	0.500		101	80-120				
Magnesium - Dissolved	1.05		"	1.00		105	80-120				
Manganese - Dissolved	0.528		"	0.500		106	80-120				
Nickel - Dissolved	0.498		"	0.500		99.7	80-120				
Potassium - Dissolved	0.862		"	1.00		86.2	80-120				
Silver - Dissolved	0.0496		"	0.0500		99.1	80-120				
Sodium - Dissolved	0.255		"	1.00		25.5	80-120	Low Bias			
Vanadium - Dissolved	0.510		"	0.500		102	80-120				
Zinc - Dissolved	0.520		"	0.500		104	80-120				
Duplicate (BI20783-DUP1)	*Source sample: 22H1796-01 (Duplicate)							Prepared: 09/15/2022 Analyzed: 09/16/2022			
Aluminum - Dissolved	0.0621	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0572	0.0278	"		0.0564				1.32	20	
Calcium - Dissolved	264	0.0556	"		265				0.384	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	46.1	0.0556	"		45.3				1.71	20	
Manganese - Dissolved	3.87	0.00556	"		3.81				1.60	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	23.1	0.0556	"		22.1				4.49	20	
Silver - Dissolved	ND	0.00556	"		0.00582					20	
Sodium - Dissolved	62.5	0.556	"		62.7				0.223	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20783 - EPA 3015A											
Matrix Spike (BI20783-MS1)	*Source sample: 22H1796-01 (Matrix Spike)								Prepared: 09/15/2022 Analyzed: 09/16/2022		
Barium - Dissolved	2.38	0.0278	mg/L	2.22	0.0564	104	75-125				
Chromium - Dissolved	0.227	0.00556	"	0.222	ND	102	75-125				
Cobalt - Dissolved	0.597	0.00444	"	0.556	ND	107	75-125				
Copper - Dissolved	0.297	0.0222	"	0.278	ND	107	75-125				
Iron - Dissolved	1.14	0.278	"	1.11	ND	103	75-125				
Lead - Dissolved	0.559	0.00556	"	0.556	ND	101	75-125				
Manganese - Dissolved	4.31	0.00556	"	0.556	3.81	91.0	75-125				
Nickel - Dissolved	0.581	0.0111	"	0.556	ND	105	75-125				
Silver - Dissolved	0.0559	0.00556	"	0.0556	0.00582	90.2	75-125				
Vanadium - Dissolved	0.574	0.0111	"	0.556	ND	103	75-125				
Zinc - Dissolved	0.605	0.0278	"	0.556	ND	109	75-125				
Post Spike (BI20783-PS1)	*Source sample: 22H1796-01 (Post Spike)								Prepared: 09/15/2022 Analyzed: 09/16/2022		
Aluminum - Dissolved	2.07		ug/mL	2.00	-0.0349	104	75-125				
Barium - Dissolved	2.27		"	2.00	0.0508	111	75-125				
Calcium - Dissolved	234		"	1.00	239	NR	75-125	Low Bias			
Chromium - Dissolved	0.217		"	0.200	0.00437	106	75-125				
Cobalt - Dissolved	0.551		"	0.500	0.00264	110	75-125				
Copper - Dissolved	0.282		"	0.250	0.00364	111	75-125				
Iron - Dissolved	1.10		"	1.00	0.0209	108	75-125				
Lead - Dissolved	0.517		"	0.500	-0.00405	103	75-125				
Magnesium - Dissolved	41.6		"	1.00	40.8	80.6	75-125				
Manganese - Dissolved	3.94		"	0.500	3.43	103	75-125				
Nickel - Dissolved	0.531		"	0.500	0.00589	105	75-125				
Potassium - Dissolved	21.1		"	1.00	19.9	124	75-125				
Silver - Dissolved	0.0342		"	0.0500	0.00523	57.8	75-125	Low Bias			
Sodium - Dissolved	56.2		"	1.00	56.4	NR	75-125	Low Bias			
Vanadium - Dissolved	0.549		"	0.500	0.00127	110	75-125				
Zinc - Dissolved	0.545		"	0.500	0.0139	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20845 - EPA 3050B											
Blank (BI20845-BLK1)											
Prepared: 09/16/2022 Analyzed: 09/19/2022											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	28.2	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BI20845-DUP1)	*Source sample: 22I0453-05 (SP-14 (6-8))										
Prepared: 09/16/2022 Analyzed: 09/19/2022											
Aluminum	6390	5.89	mg/kg dry		6230				2.58	35	
Antimony	3.42	2.94	"		4.16				19.4	35	
Arsenic	10.7	1.77	"		6.99				42.4	35	Non-dir.
Barium	83.0	2.94	"		64.9				24.6	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.353	"		ND					35	
Calcium	24300	5.89	"		4330				139	35	Non-dir.
Chromium	14.0	0.589	"		14.5				3.08	35	
Cobalt	6.66	0.471	"		6.40				4.10	35	
Copper	44.8	2.35	"		31.5				34.9	35	
Iron	18600	29.4	"		18700				0.0765	35	
Lead	734	0.589	"		763				3.79	35	
Magnesium	3240	5.89	"		2080				43.8	35	Non-dir.
Manganese	452	0.589	"		228				65.9	35	Non-dir.
Nickel	21.6	1.18	"		20.0				7.81	35	
Potassium	1180	5.89	"		1100				7.11	35	
Selenium	ND	2.94	"		ND					35	
Silver	ND	0.589	"		ND					35	
Sodium	288	58.9	"		264				8.71	35	
Thallium	ND	1.22	"		ND					35	
Vanadium	21.3	1.18	"		19.2				10.2	35	
Zinc	70.8	2.94	"		58.9				18.5	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20845 - EPA 3050B											
Matrix Spike (BI20845-MS1)	*Source sample: 22I0453-05 (SP-14 (6-8))								Prepared: 09/16/2022 Analyzed: 09/19/2022		
Aluminum	7460	5.89	mg/kg dry	196	6230	626	75-125	High Bias			
Antimony	10.9	2.94	"	24.5	4.16	27.7	75-125	Low Bias			
Arsenic	220	1.77	"	196	6.99	109	75-125				
Barium	310	2.94	"	196	64.9	125	75-125				
Beryllium	5.10	0.059	"	4.91	ND	104	75-125				
Cadmium	4.98	0.353	"	4.91	ND	102	75-125				
Calcium	22300	5.89	"	98.1	4330	NR	75-125	High Bias			
Chromium	36.6	0.589	"	19.6	14.5	113	75-125				
Cobalt	60.6	0.471	"	49.1	6.40	110	75-125				
Copper	77.7	2.35	"	24.5	31.5	188	75-125	High Bias			
Iron	14200	29.4	"	98.1	18700	NR	75-125	Low Bias			
Lead	896	0.589	"	49.1	763	271	75-125	High Bias			
Magnesium	3670	5.89	"	98.1	2080	NR	75-125	High Bias			
Manganese	408	0.589	"	49.1	228	368	75-125	High Bias			
Nickel	71.1	1.18	"	49.1	20.0	104	75-125				
Potassium	1450	5.89	"	98.1	1100	364	75-125	High Bias			
Selenium	150	2.94	"	196	ND	76.4	75-125				
Silver	5.51	0.589	"	4.91	ND	112	75-125				
Sodium	300	58.9	"	98.1	264	36.7	75-125	Low Bias			
Thallium	380	1.22	"	196	ND	194	75-125	High Bias			
Vanadium	71.2	1.18	"	49.1	19.2	106	75-125				
Zinc	163	2.94	"	49.1	58.9	212	75-125	High Bias			
Post Spike (BI20845-PS1)	*Source sample: 22I0453-05 (SP-14 (6-8))								Prepared: 09/16/2022 Analyzed: 09/19/2022		
Aluminum	68.4		ug/mL	2.00	63.5	243	75-125	High Bias			
Antimony	0.313		"	0.250	0.042	108	75-125				
Arsenic	2.43		"	2.00	0.071	118	75-125				
Barium	3.15		"	2.00	0.661	124	75-125				
Beryllium	0.055		"	0.0500	-0.004	110	75-125				
Cadmium	0.055		"	0.0500	0.00005	111	75-125				
Calcium	46.6		"	1.00	44.1	245	75-125	High Bias			
Chromium	0.396		"	0.200	0.148	124	75-125				
Cobalt	0.684		"	0.500	0.065	124	75-125				
Copper	0.654		"	0.250	0.321	133	75-125	High Bias			
Iron	203		"	1.00	190	NR	75-125	High Bias			
Lead	8.94		"	0.500	7.78	232	75-125	High Bias			
Magnesium	23.9		"	1.00	21.2	268	75-125	High Bias			
Manganese	3.05		"	0.500	2.32	145	75-125	High Bias			
Nickel	0.810		"	0.500	0.204	121	75-125				
Potassium	13.5		"	1.00	11.2	231	75-125	High Bias			
Selenium	1.51		"	2.00	-0.420	75.5	75-125				
Silver	0.034		"	0.0500	0.001	65.1	75-125	Low Bias			
Sodium	2.93		"	1.00	2.69	24.1	75-125	Low Bias			
Thallium	4.01		"	2.00	0.010	200	75-125	High Bias			
Vanadium	0.805		"	0.500	0.196	122	75-125				
Zinc	1.25		"	0.500	0.600	130	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20845 - EPA 3050B											
Reference (BI20845-SRM1)								Prepared: 09/16/2022 Analyzed: 09/19/2022			
Aluminum	6920	5.00	mg/kg wet	6640		104	49.7-150.6				
Antimony	62.0	2.50	"	113		54.7	20.4-249.3				
Arsenic	77.7	1.50	"	72.8		107	70-130.4				
Barium	316	2.50	"	289		109	75.2-130.3				
Beryllium	87.8	0.050	"	85.8		102	74.8-132				
Cadmium	133	0.300	"	133		99.5	75-145.6				
Calcium	3500	5.00	"	3420		103	71.7-139.3				
Chromium	203	0.500	"	192		105	70.1-134.2				
Cobalt	218	0.400	"	201		109	75.1-141.5				
Copper	134	2.00	"	120		112	75-126.4				
Iron	11500	25.0	"	11800		97.1	35.3-164.8				
Lead	240	0.500	"	222		108	74.1-125.9				
Magnesium	2040	5.00	"	1850		110	61.3-138.7				
Manganese	491	0.500	"	462		106	77.3-132.8				
Nickel	306	1.00	"	292		105	70-144				
Potassium	1790	5.00	"	1620		111	58.2-141.8				
Selenium	73.9	2.50	"	108		68.2	66.9-133.8				
Silver	47.9	0.500	"	47.6		101	70.2-129.8				
Sodium	ND	50.0	"	97.5			30.5-170.1	Low Bias			
Thallium	101	1.04	"	62.8		161	64.3-135.3	High Bias			
Vanadium	76.5	1.00	"	73.8		104	65.6-134.3				
Zinc	131	2.50	"	133		98.1	70-130				
Batch BI20853 - EPA 3050B											
Blank (BI20853-BLK1)								Prepared: 09/16/2022 Analyzed: 09/20/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	14.8	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	5.78	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20853 - EPA 3050B											
Duplicate (BI20853-DUP1)	*Source sample: 22I0470-15 (Duplicate)								Prepared: 09/16/2022 Analyzed: 09/20/2022		
Aluminum	5280	5.42	mg/kg dry		4420				17.7	35	
Antimony	ND	2.71	"		ND					35	
Arsenic	3.27	1.63	"		ND					35	
Barium	33.0	2.71	"		29.8				10.4	35	
Beryllium	ND	0.054	"		ND					35	
Cadmium	ND	0.325	"		0.554					35	
Calcium	2720	5.42	"		2480				9.04	35	
Chromium	14.9	0.542	"		8.70				52.5	35	Non-dir.
Cobalt	4.35	0.433	"		3.55				20.3	35	
Copper	15.3	2.17	"		12.5				20.6	35	
Iron	8980	27.1	"		7030				24.3	35	
Lead	42.8	0.542	"		29.8				35.7	35	Non-dir.
Magnesium	1810	5.42	"		1690				6.84	35	
Manganese	175	0.542	"		141				21.8	35	
Nickel	11.5	1.08	"		10.3				10.4	35	
Potassium	502	5.42	"		254				65.7	35	Non-dir.
Selenium	ND	2.71	"		ND					35	
Silver	ND	0.542	"		ND					35	
Sodium	189	54.2	"		143				27.5	35	
Thallium	ND	1.13	"		ND					35	
Vanadium	14.9	1.08	"		13.0				13.7	35	
Zinc	46.7	2.71	"		35.0				28.7	35	
Matrix Spike (BI20853-MS1)	*Source sample: 22I0470-15 (Matrix Spike)								Prepared: 09/16/2022 Analyzed: 09/20/2022		
Aluminum	6350	5.42	mg/kg dry	181	4420	NR	75-125	High Bias			
Antimony	9.27	2.71	"	22.6	ND	41.1	75-125	Low Bias			
Arsenic	185	1.63	"	181	ND	103	75-125				
Barium	240	2.71	"	181	29.8	116	75-125				
Beryllium	4.34	0.054	"	4.51	ND	96.1	75-125				
Cadmium	4.37	0.325	"	4.51	0.554	84.5	75-125				
Calcium	3580	5.42	"	90.3	2480	NR	75-125	High Bias			
Chromium	31.3	0.542	"	18.1	8.70	125	75-125				
Cobalt	54.9	0.433	"	45.1	3.55	114	75-125				
Copper	40.7	2.17	"	22.6	12.5	125	75-125				
Iron	10200	27.1	"	90.3	7030	NR	75-125	High Bias			
Lead	99.9	0.542	"	45.1	29.8	155	75-125	High Bias			
Magnesium	2770	5.42	"	90.3	1690	NR	75-125	High Bias			
Manganese	254	0.542	"	45.1	141	251	75-125	High Bias			
Nickel	65.1	1.08	"	45.1	10.3	121	75-125				
Potassium	833	5.42	"	90.3	254	641	75-125	High Bias			
Selenium	148	2.71	"	181	ND	82.2	75-125				
Silver	4.56	0.542	"	4.51	ND	101	75-125				
Sodium	248	54.2	"	90.3	143	116	75-125				
Thallium	166	1.13	"	181	ND	91.8	75-125				
Vanadium	61.9	1.08	"	45.1	13.0	108	75-125				
Zinc	102	2.71	"	45.1	35.0	150	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20853 - EPA 3050B											
Post Spike (BI20853-PS1)	*Source sample: 22I0470-15 (Post Spike)								Prepared: 09/16/2022 Analyzed: 09/20/2022		
Aluminum	53.1		ug/mL	2.00	49.0	205	75-125	High Bias			
Antimony	0.247		"	0.250	0.004	97.2	75-125				
Arsenic	2.24		"	2.00	0.016	111	75-125				
Barium	2.74		"	2.00	0.330	120	75-125				
Beryllium	0.053		"	0.0500	-0.005	106	75-125				
Cadmium	0.052		"	0.0500	0.006	92.0	75-125				
Calcium	28.4		"	1.00	27.5	91.2	75-125				
Chromium	0.324		"	0.200	0.096	114	75-125				
Cobalt	0.647		"	0.500	0.039	121	75-125				
Copper	0.434		"	0.250	0.138	118	75-125				
Iron	81.6		"	1.00	77.9	379	75-125	High Bias			
Lead	0.896		"	0.500	0.330	113	75-125				
Magnesium	20.6		"	1.00	18.7	187	75-125	High Bias			
Manganese	2.21		"	0.500	1.56	129	75-125	High Bias			
Nickel	0.702		"	0.500	0.114	118	75-125				
Potassium	7.51		"	1.00	2.81	470	75-125	High Bias			
Selenium	1.82		"	2.00	-0.058	91.1	75-125				
Silver	0.029		"	0.0500	-0.00007	57.6	75-125	Low Bias			
Sodium	1.88		"	1.00	1.59	29.2	75-125	Low Bias			
Thallium	2.07		"	2.00	-0.015	103	75-125				
Vanadium	0.704		"	0.500	0.144	112	75-125				
Zinc	1.01		"	0.500	0.387	125	75-125				
Reference (BI20853-SRM1)									Prepared: 09/16/2022 Analyzed: 09/20/2022		
Aluminum	6420	5.00	mg/kg wet	6640		96.7	49.7-150.6				
Antimony	63.1	2.50	"	113		55.7	20.4-249.3				
Arsenic	78.9	1.50	"	72.8		108	70-130.4				
Barium	320	2.50	"	289		111	75.2-130.3				
Beryllium	90.9	0.050	"	85.8		106	74.8-132				
Cadmium	129	0.300	"	133		96.9	75-145.6				
Calcium	3270	5.00	"	3420		95.8	71.7-139.3				
Chromium	212	0.500	"	192		110	70.1-134.2				
Cobalt	221	0.400	"	201		110	75.1-141.5				
Copper	132	2.00	"	120		110	75-126.4				
Iron	11700	25.0	"	11800		99.1	35.3-164.8				
Lead	209	0.500	"	222		94.4	74.1-125.9				
Magnesium	2130	5.00	"	1850		115	61.3-138.7				
Manganese	480	0.500	"	462		104	77.3-132.8				
Nickel	324	1.00	"	292		111	70-144				
Potassium	1590	5.00	"	1620		98.6	58.2-141.8				
Selenium	90.2	2.50	"	108		83.3	66.9-133.8				
Silver	47.6	0.500	"	47.6		100	70.2-129.8				
Sodium	ND	50.0	"	97.5			30.5-170.1	Low Bias			
Thallium	60.4	1.04	"	62.8		96.1	64.3-135.3				
Vanadium	77.9	1.00	"	73.8		105	65.6-134.3				
Zinc	145	2.50	"	133		108	70-130				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20784 - EPA 3015A											
Blank (BI20784-BLK1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BI20784-BS1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	43.9		ug/L	50.0		87.7	80-120				
Arsenic - Dissolved	48.2		"	50.0		96.4	80-120				
Beryllium - Dissolved	50.8		"	50.0		102	80-120				
Cadmium - Dissolved	48.5		"	50.0		97.1	80-120				
Selenium - Dissolved	51.6		"	50.0		103	80-120				
Thallium - Dissolved	47.0		"	50.0		94.0	80-120				
Duplicate (BI20784-DUP1)	*Source sample: 22H1796-01 (Duplicate)										Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	1.99	1.11	ug/L		2.00				0.677	20	
Arsenic - Dissolved	1.18	1.11	"		1.26				6.29	20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	15.9	1.11	"		14.8				6.98	20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BI20784-MS1)	*Source sample: 22H1796-01 (Matrix Spike)										Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	56.2		ug/L	50.0	1.80	109	75-125				
Arsenic - Dissolved	54.9		"	50.0	1.13	108	75-125				
Beryllium - Dissolved	43.5		"	50.0	-0.0005	86.9	75-125				
Cadmium - Dissolved	57.1		"	50.0	0.153	114	75-125				
Selenium - Dissolved	71.1		"	50.0	13.3	115	75-125				
Thallium - Dissolved	43.6		"	50.0	0.038	87.1	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20903 - EPA 3015A											
Blank (BI20903-BLK1)										Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BI20903-BS1)										Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	46.7		ug/L	50.0		93.4	80-120				
Arsenic	51.4		"	50.0		103	80-120				
Beryllium	47.2		"	50.0		94.4	80-120				
Cadmium	48.3		"	50.0		96.6	80-120				
Selenium	52.6		"	50.0		105	80-120				
Thallium	53.3		"	50.0		107	80-120				
Duplicate (BI20903-DUP1)	*Source sample: 22I0891-13 (Duplicate)									Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	1.32	1.11	"		1.64				21.1	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BI20903-MS1)	*Source sample: 22I0891-13 (Matrix Spike)									Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	47.4		ug/L	50.0	-0.197	94.8	75-125				
Arsenic	53.2		"	50.0	0.010	106	75-125				
Beryllium	46.7		"	50.0	-0.017	93.3	75-125				
Cadmium	43.1		"	50.0	-0.027	86.2	75-125				
Selenium	50.1		"	50.0	1.47	97.3	75-125				
Thallium	53.5		"	50.0	-0.096	107	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20716 - EPA SW846-7470A											
Blank (BI20716-BLK1)								Prepared & Analyzed: 09/14/2022			
Mercury	ND	0.0002	mg/L								
LCS (BI20716-BS1)								Prepared & Analyzed: 09/14/2022			
Mercury	0.0019934	0.0002	mg/L	0.00200		99.7	80-120				
LCS (BI20716-BS2)								Prepared & Analyzed: 09/14/2022			
Mercury	0.0020345	0.0002	mg/L	0.00200		102	80-120				
Batch BI20805 - EPA SW846-7470A											
Blank (BI20805-BLK1)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BI20805-BS1)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				
LCS (BI20805-BS2)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200		103	80-120				
Batch BI21306 - EPA 7473 soil											
Blank (BI21306-BLK1)								Prepared & Analyzed: 09/24/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI21306-DUP1)	*Source sample: 22I0574-09 (Duplicate)							Prepared & Analyzed: 09/24/2022			
Mercury	ND	0.0330	mg/kg dry		0.0339					35	

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21306 - EPA 7473 soil											
Matrix Spike (BI21306-MS1)	*Source sample: 22I0574-09 (Matrix Spike)								Prepared & Analyzed: 09/24/2022		
Mercury	0.587		mg/kg	0.500	0.0308	111	75-125				
Reference (BI21306-SRM1)									Prepared & Analyzed: 09/24/2022		
Mercury	27.419		mg/kg	27.2		101	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20439 - Analysis Preparation											
Blank (BI20439-BLK1)								Prepared & Analyzed: 09/09/2022			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BI20439-BS1)								Prepared & Analyzed: 09/09/2022			
Chromium, Hexavalent	0.504	0.0100	mg/L	0.500		101	80-120				
Duplicate (BI20439-DUP1)	*Source sample: 22I0529-01 (Duplicate)							Prepared & Analyzed: 09/09/2022			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BI20439-MS1)	*Source sample: 22I0529-01 (Matrix Spike)							Prepared & Analyzed: 09/09/2022			
Chromium, Hexavalent	0.403	0.0100	mg/L	0.500	ND	80.6	75-125				
Batch BI21267 - EPA SW846-3060											
Blank (BI21267-BLK1)								Prepared & Analyzed: 09/23/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI21267-DUP1)	*Source sample: 22I0467-03 (Duplicate)							Prepared & Analyzed: 09/23/2022			
Chromium, Hexavalent	ND	0.582	mg/kg dry		ND					35	
Matrix Spike (BI21267-MS1)	*Source sample: 22I0467-03 (Matrix Spike)							Prepared & Analyzed: 09/23/2022			
Chromium, Hexavalent	13.6	0.582	mg/kg dry	23.3	ND	58.4	75-125	Low Bias			
Reference (BI21267-SRM1)								Prepared & Analyzed: 09/23/2022			
Chromium, Hexavalent	124		mg/L	131		94.4	33.8-169.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20856 - % Solids Prep											
Duplicate (BI20856-DUP1)	*Source sample: 22I0450-04 (Duplicate)							Prepared & Analyzed: 09/16/2022			
% Solids	94.0	0.100	%		92.8				1.29	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22I0453-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0453-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0453-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0453-04	SP-13 (10-12)	40mL Vial with Stir Bar-Cool 4° C
22I0453-05	SP-14 (6-8)	40mL Vial with Stir Bar-Cool 4° C
22I0453-06	SP-12 (10-12)	40mL Vial with Stir Bar-Cool 4° C
22I0453-07	SP-17 (4-6)	40mL Vial with Stir Bar-Cool 4° C
22I0453-08	SP-15 (6-8)	40mL Vial with Stir Bar-Cool 4° C
22I0453-09	SP-16 (8-10)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	The recoveries of matrix spike compounds meet Laboratory Control Limits, however are outside of NJDEP DKQP limits. The data are qualified as such and the data user should take note.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Due to laboratory error, hexavalent chromium analysis for GW samples MW-1, MW-2 and MW-3 were inadvertently missed upon receipt. The client was contacted on 9/9/22 and the laboratory was instructed to proceed with out of hold analysis.

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

Field Chain-of-Custody Record

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

YORK Project No. 22I0453

Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Hydrotech Environmental	Company: same	Company: same	220058	RUSH - Next Day
Address: 29 west 29th St, New York, NY 10001	Address:	Address:	YOUR Project Name: 601-607 Union St, Brooklyn, NY	RUSH - Two Day
Phone.: (631) 462-5886	Phone.:	Phone.:		RUSH - Three Day
Contact: Ruijie Xu	Contact:	Contact:		RUSH - Four Day ~
E-mail: rxu@hydrotechenvironmental.com	E-mail:	E-mail:	YOUR PO#: 52931	Standard (5-7 Day)

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

Ammarah Zaidi

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ⋮ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) GQS, UUSCO, RRSCO

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	9/8/22 8:30AM	VOCs, SVOCs(BN), Pesticides, PCBs, ~~herbicides~~, TAL Metals (Cr3+&6+ required), + emerging contaminants (total dissolved for TAL Metals)	(4) Ambers filters + (1) 500mL amber + 3 vials + 2 empty ~~ESDOM~~ + 1 HNO3 250mL + 2 PFAS
MW-2	↓	9:15AM		
MW-3	↓	9:45AM		
SP-13 (10'-12')	S	10:15AM	VOCs, SVOCs(BN), pesticides, PCBs, ~~herbicides~~, TAL Metals (Cr3+&6+ required), + Emerging contaminants	(1) 8oz jar + (1) 4oz jar + 4 terracore + 2 250mL PFAS
SP-14 (6'-8')	↓	10:45AM	↓	↓
SP-12 (10'-12')	↓	11:15AM	↓	↓
SP-17 (4'-6')	↓	11:45AM	VOCs, SVOCs(BN), pesticides, PCBs, ~~herbicides~~, TAL Metals (Cr3+&6+ required)	↓
SP-15 (6'-8')	↓	12:15PM	↓	↓
SP-16 (8'-10')	↓	12:45PM	↓	↓

Comments:

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

Special Instruction: Field Filtered ___ Lab to Filter ✓

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ammarah Zaidi / HTE	9/8/22 / 2:30pm	Tom A / York	9/8/22 1430	Tom A / York	9/8/22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Anders S York	9/8/22 6:00pm	Anders S York	9/8/22 2130		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TJack	9/8/22 2130 / 2.1 Degrees C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Report Date: 09/15/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0526

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/15/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0526

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 09, 2022 and listed below. The project was identified as your project: **220058 601-607 Union St., Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

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

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

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22I0526-01	SV-1	Soil Vapor	09/09/2022	09/09/2022
22I0526-02	SV-2	Soil Vapor	09/09/2022	09/09/2022
22I0526-03	SSB-1	Soil Vapor	09/09/2022	09/09/2022
22I0526-04	SSB-2	Soil Vapor	09/09/2022	09/09/2022
22I0526-05	SSB-3	Soil Vapor	09/09/2022	09/09/2022
22I0526-06	SSB-4	Soil Vapor	09/09/2022	09/09/2022
22I0526-07	SSB-5	Soil Vapor	09/09/2022	09/09/2022
22I0526-08	SSB-6	Soil Vapor	09/09/2022	09/09/2022

General Notes for York Project (SDG) No.: 22I0526

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

Approved By: **Date:** 09/15/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 22I0526-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.913	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 04:57	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.77	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.94	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.77	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.88	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.94	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.88	1.913	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 04:57	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
78-93-3	**2-Butanone**	**23**		ug/m³	0.56	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
591-78-6	*** 2-Hexanone**	**5.7**		ug/m³	1.6	1.913	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 04:57	LLJ

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 22I0526-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.0	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.78	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
67-64-1	**Acetone**	**99**		ug/m³	0.91	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
107-13-1	**Acrylonitrile**	**0.54**		ug/m³	0.42	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
71-43-2	**Benzene**	**1.7**		ug/m³	0.61	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	0.99	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-25-2	Bromoform	ND		ug/m³	2.0	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
74-83-9	Bromomethane	ND		ug/m³	0.74	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-15-0	**Carbon disulfide**	**23**		ug/m³	0.60	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	0.30	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	0.88	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-00-3	Chloroethane	ND		ug/m³	0.50	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
67-66-3	Chloroform	ND		ug/m³	0.93	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
74-87-3	**Chloromethane**	**0.87**		ug/m³	0.40	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.87	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
110-82-7	**Cyclohexane**	**8.5**		ug/m³	0.66	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
75-71-8	**Dichlorodifluoromethane**	**1.3**		ug/m³	0.95	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.913	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 04:57	LLJ
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.83	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 04:57	LLJ

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 22I0526-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**3.7**		ug/m³	0.94	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.78	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.69	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**6.6**		ug/m³	0.78	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**19**		ug/m³	0.67	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.9**		ug/m³	0.83	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.2**		ug/m³	1.7	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.94	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications:			
115-07-1	*** Propylene**	**67**		ug/m³	0.33	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.81	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1.3**		ug/m³	1.3	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications:			
108-88-3	**Toluene**	**3.1**		ug/m³	0.72	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.76	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.87	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.51**		ug/m³	0.26	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.1	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.67	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.84	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.913	EPA TO-15	09/11/2022 16:00	09/12/2022 04:57	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22I0526-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:50 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.731	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 07:03	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.94	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.94	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.70	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**2.5**		ug/m³	0.85	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.70	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.80	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.85	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.80	1.731	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 07:03	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
78-93-3	**2-Butanone**	**7.0**		ug/m³	0.51	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ
591-78-6	*** 2-Hexanone**	**2.6**		ug/m³	1.4	1.731	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 07:03	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.7	1.731	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 07:03	LLJ

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22I0526-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:50 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**1.1**		ug/m³	0.71	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**53**		ug/m³	0.82	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**0.83**		ug/m³	0.38	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**3.0**		ug/m³	0.55	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.90	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.8	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.67	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.75**		ug/m³	0.54	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.27	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.80	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.46	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.85	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.36	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.79	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**2.1**		ug/m³	0.60	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.86	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.6**		ug/m³	1.2	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.75	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**3.1**		ug/m³	0.85	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22I0526-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:50 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.71	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.62	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.3**		ug/m³	1.2	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**28**		ug/m³	0.71	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**35**		ug/m³	0.61	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.75	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.5**		ug/m³	1.5	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.4**		ug/m³	0.85	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:			
115-07-1	*** Propylene**	**57**		ug/m³	0.30	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:			
100-42-5	**Styrene**	**0.74**		ug/m³	0.74	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**4.8**		ug/m³	1.2	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.0	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:			
108-88-3	**Toluene**	**5.9**		ug/m³	0.65	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.69	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.79	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.47**		ug/m³	0.23	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.97	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.61	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.76	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	1.731	EPA TO-15	09/11/2022 16:00	09/12/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSB-1** **York Sample ID:** **22I0526-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.672	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 10:39	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.91	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**24**		ug/m³	0.82	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**7.9**		ug/m³	0.82	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.77	1.672	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 10:39	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
78-93-3	**2-Butanone**	**3.9**		ug/m³	0.49	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ
591-78-6	* **2-Hexanone**	**4.5**		ug/m³	1.4	1.672	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 10:39	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.672	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 10:39	LLJ

Sample Information

Client Sample ID: **SSB-1** **York Sample ID:** **22I0526-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**1.4**		ug/m³	0.68	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**51**		ug/m³	0.79	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.2**		ug/m³	0.53	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.87	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.65	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.68**		ug/m³	0.52	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.77	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.44	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**1.8**		ug/m³	0.82	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.35	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**7.2**		ug/m³	0.17	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**5.4**		ug/m³	0.58	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.83	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**8.6**		ug/m³	0.73	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**18**		ug/m³	0.82	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSB-1 **York Sample ID:** 22I0526-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:49 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	**Methyl Methacrylate**	**0.82**		ug/m³	0.68	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.8**		ug/m³	1.2	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**8.6**		ug/m³	0.69	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**6.0**		ug/m³	0.59	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**14**		ug/m³	0.73	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**30**		ug/m³	1.5	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**26**		ug/m³	0.82	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:			
115-07-1	*** Propylene**	**9.4**		ug/m³	0.29	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.71	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**92**		ug/m³	1.1	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**2.1**		ug/m³	0.99	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications:			
108-88-3	**Toluene**	**13**		ug/m³	0.63	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**2.2**		ug/m³	0.66	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**21**		ug/m³	0.22	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.94	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.59	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.73	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	**Vinyl Chloride**	**0.60**		ug/m³	0.21	1.672	EPA TO-15	09/11/2022 16:00	09/12/2022 10:39	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **SSB-2** **York Sample ID:** **22I0526-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:22 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	2.017	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 11:42	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.82	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**5.8**		ug/m³	0.99	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.82	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.93	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**1.4**		ug/m³	0.99	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.93	2.017	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 11:42	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.5	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
78-93-3	**2-Butanone**	**0.89**		ug/m³	0.59	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	1.7	2.017	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 11:42	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	3.2	2.017	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 11:42	LLJ

Sample Information

Client Sample ID: **SSB-2** **York Sample ID:** **22I0526-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:22 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.83	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**6.2**		ug/m³	0.96	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.44	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.7**		ug/m³	0.64	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.0	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.4	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.1	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.78	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.63	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.93	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.53	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**4.2**		ug/m³	0.98	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.46**		ug/m³	0.42	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.40**		ug/m³	0.20	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.92	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.7**		ug/m³	0.69	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	1.0	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.5	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.8**		ug/m³	0.88	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.2	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.8**		ug/m³	0.99	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSB-2 **York Sample ID:** 22I0526-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:22 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.83	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.73	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.4**		ug/m³	1.4	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.2**		ug/m³	0.83	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.71	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**2.5**		ug/m³	0.88	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**7.3**		ug/m³	1.8	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**5.1**		ug/m³	0.99	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:			
115-07-1	*** Propylene**	**2.4**		ug/m³	0.35	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.86	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**550**		ug/m³	1.4	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.2	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:			
108-88-3	**Toluene**	**4.6**		ug/m³	0.76	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.80	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.92	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**240**		ug/m³	0.27	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	1.1	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.71	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.88	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	2.017	EPA TO-15	09/11/2022 16:00	09/12/2022 11:42	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSB-3** **York Sample ID:** **22I0526-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:23 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.764	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 12:45	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.96	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.71	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**33**		ug/m³	0.87	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**11**		ug/m³	0.87	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.764	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 12:45	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
78-93-3	**2-Butanone**	**7.8**		ug/m³	0.52	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ
591-78-6	*** 2-Hexanone**	**5.7**		ug/m³	1.4	1.764	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 12:45	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.764	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 12:45	LLJ

Sample Information

Client Sample ID: **SSB-3** **York Sample ID:** **22I0526-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:23 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**5.7**		ug/m³	0.72	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**77**		ug/m³	0.84	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.38	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**9.1**		ug/m³	0.56	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.91	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.8	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	**Bromomethane**	**0.68**		ug/m³	0.68	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**3.8**		ug/m³	0.55	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.81	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.47	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.86	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.36	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**28**		ug/m³	0.61	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.87	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**2.4**		ug/m³	1.3	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**20**		ug/m³	0.77	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**10**		ug/m³	0.87	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSB-3 **York Sample ID:** 22I0526-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:23 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	**Methyl Methacrylate**	**4.3**		ug/m³	0.72	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.76**		ug/m³	0.64	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.3**		ug/m³	1.2	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**38**		ug/m³	0.72	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**27**		ug/m³	0.62	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**26**		ug/m³	0.77	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**60**		ug/m³	1.5	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**40**		ug/m³	0.87	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:			
115-07-1	*** Propylene**	**53**		ug/m³	0.30	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.75	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**150**		ug/m³	1.2	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**9.2**		ug/m³	1.0	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:			
108-88-3	**Toluene**	**37**		ug/m³	0.66	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2.6**		ug/m³	0.24	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.99	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.62	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.77	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.764	EPA TO-15	09/11/2022 16:00	09/12/2022 12:45	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSB-4** **York Sample ID:** **22I0526-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:20 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.659	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 13:47	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.91	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**9.6**		ug/m³	0.82	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**2.9**		ug/m³	0.82	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.77	1.659	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 13:47	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.49	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.659	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 13:47	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ

Sample Information

Client Sample ID: **SSB-4** **York Sample ID:** **22I0526-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:20 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.68	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
67-64-1	**Acetone**	**14**		ug/m³	0.79	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
71-43-2	**Benzene**	**1.4**		ug/m³	0.53	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	0.86	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-25-2	Bromoform	ND		ug/m³	1.7	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
74-83-9	Bromomethane	ND		ug/m³	0.64	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-15-0	**Carbon disulfide**	**1.6**		ug/m³	0.52	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
56-23-5	**Carbon tetrachloride**	**0.31**	TO-LCS-L	ug/m³	0.26	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-00-3	Chloroethane	ND		ug/m³	0.44	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
67-66-3	Chloroform	ND		ug/m³	0.81	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.34	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
110-82-7	**Cyclohexane**	**0.91**		ug/m³	0.57	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.82	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.659	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 13:47	LLJ
100-41-4	**Ethyl Benzene**	**3.5**		ug/m³	0.72	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ
67-63-0	**Isopropanol**	**1.8**		ug/m³	0.82	1.659	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 13:47	LLJ

Sample Information

Client Sample ID: **SSB-4** **York Sample ID:** **22I0526-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:20 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.68	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.68	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.58	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**5.5**		ug/m³	0.72	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	1.4	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**9.6**		ug/m³	0.82	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:			
115-07-1	*** Propylene**	**4.1**		ug/m³	0.29	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.71	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**17**		ug/m³	1.1	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.98	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:			
108-88-3	**Toluene**	**5.3**		ug/m³	0.63	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.71**		ug/m³	0.22	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.93	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.73	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	**Vinyl Chloride**	**0.21**		ug/m³	0.21	1.659	EPA TO-15	09/11/2022 16:00	09/12/2022 13:47	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSB-5** **York Sample ID:** **22I0526-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:54 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.6	2.359	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 14:50	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.3	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.6	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.8	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.3	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
75-34-3	**1,1-Dichloroethane**	**3.9**		ug/m³	0.95	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.23	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.8	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	1.2	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.8	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.4	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.95	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.1	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.6	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**5.3**		ug/m³	1.2	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.6	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.4	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.1	2.359	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 14:50	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.4	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.7	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
78-93-3	**2-Butanone**	**19**		ug/m³	0.70	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	1.9	2.359	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 14:50	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	3.7	2.359	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 14:50	LLJ

Sample Information

Client Sample ID: **SSB-5** **York Sample ID:** **22I0526-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:54 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**2.2**		ug/m³	0.97	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**110**		ug/m³	1.1	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	**Acrylonitrile**	**2.9**		ug/m³	0.51	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**2.8**		ug/m³	0.75	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.2	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.6	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	2.4	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.92	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**28**		ug/m³	0.73	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.37	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	1.1	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.62	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	1.2	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.88**		ug/m³	0.49	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.23	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.1	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**49**		ug/m³	0.81	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	2.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	1.2	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**3.8**		ug/m³	1.7	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**7.3**		ug/m³	1.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.5	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**5.1**		ug/m³	1.2	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **SSB-5** **York Sample ID:** **22I0526-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:54 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.97	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**40**		ug/m³	0.85	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.6	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**35**		ug/m³	0.97	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**74**		ug/m³	0.83	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**9.4**		ug/m³	1.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**22**		ug/m³	2.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**13**		ug/m³	1.2	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:			
115-07-1	*** Propylene**	**93**		ug/m³	0.41	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:			
100-42-5	**Styrene**	**1.2**		ug/m³	1.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**5.3**		ug/m³	1.6	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**13**		ug/m³	1.4	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:			
108-88-3	**Toluene**	**7.5**		ug/m³	0.89	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.94	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.1	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2.5**		ug/m³	0.32	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.3	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.83	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	1.0	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.30	2.359	EPA TO-15	09/11/2022 16:00	09/12/2022 14:50	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSB-6** **York Sample ID:** **22I0526-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:59 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.1	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.1	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.1	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.7	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.1	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.74	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.5	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	3.6	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.7	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.5	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.4	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**9.1**		ug/m³	3.6	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	4.9	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.5	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.4	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.5	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	5.4	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
78-93-3	**2-Butanone**	**150**		ug/m³	2.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
591-78-6	*** 2-Hexanone**	**12**		ug/m³	6.1	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	12	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ

Sample Information

Client Sample ID: **SSB-6** **York Sample ID:** **22I0526-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:59 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**11**		ug/m³	3.0	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**1700**		ug/m³	8.8	18.56	EPA TO-15	09/11/2022 16:00	09/12/2022 03:54	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	1.6	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**12**		ug/m³	2.4	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	3.8	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	5.0	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	7.7	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	2.9	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**11**		ug/m³	2.3	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	1.2	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	3.4	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	2.0	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	3.6	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**2.3**		ug/m³	1.5	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.74	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.4	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**8.7**		ug/m³	2.6	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	6.3	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.7	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	5.4	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**13**		ug/m³	3.2	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	7.9	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**17**		ug/m³	3.6	7.424	EPA TO-15	09/11/2022 16:00	09/12/2022 15:48	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **SSB-6** **York Sample ID:** **22I0526-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0526	220058 601-607 Union St., Brooklyn, NY	Soil Vapor	September 9, 2022 12:59 pm	09/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	3.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.7	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
75-09-2	Methylene chloride	ND		ug/m³	5.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
142-82-5	**n-Heptane**	**13**		ug/m³	3.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
110-54-3	**n-Hexane**	**7.3**		ug/m³	2.6	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
95-47-6	**o-Xylene**	**21**		ug/m³	3.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
179601-23-1	**p- & m- Xylenes**	**38**		ug/m³	6.4	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
622-96-8	*** p-Ethyltoluene**	**18**		ug/m³	3.6	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
115-07-1	*** Propylene**	**11**		ug/m³	1.3	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
100-42-5	**Styrene**	**3.8**		ug/m³	3.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m³	5.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.4	7.424	EPA TO-15 Certifications:	09/11/2022 16:00	09/12/2022 15:48	LLJ
108-88-3	**Toluene**	**48**		ug/m³	2.8	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.9	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.4	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
79-01-6	**Trichloroethylene**	**2.0**		ug/m³	1.0	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	2.6	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	3.2	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.95	7.424	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/11/2022 16:00	09/12/2022 15:48	LLJ

Analytical Batch Summary

Batch ID: BI20468 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22I0526-01	SV-1	09/11/22
22I0526-02	SV-2	09/11/22
22I0526-03	SSB-1	09/11/22
22I0526-04	SSB-2	09/11/22
22I0526-05	SSB-3	09/11/22
22I0526-06	SSB-4	09/11/22
22I0526-07	SSB-5	09/11/22
22I0526-08	SSB-6	09/11/22
22I0526-08RE1	SSB-6	09/11/22
BI20468-BLK1	Blank	09/11/22
BI20468-BS1	LCS	09/11/22
BI20468-DUP1	Duplicate	09/11/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20468 - EPA TO15 PREP											
Blank (BI20468-BLK1)											Prepared & Analyzed: 09/11/2022
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20468 - EPA TO15 PREP											
Blank (BI20468-BLK1)											Prepared & Analyzed: 09/11/2022
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BI20468-BS1)											Prepared & Analyzed: 09/11/2022
1,1,1,2-Tetrachloroethane	9.94		ppbv	10.0		99.4	70-130				
1,1,1-Trichloroethane	8.10		"	10.0		81.0	70-130				
1,1,2,2-Tetrachloroethane	9.75		"	10.0		97.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.06		"	10.0		90.6	70-130				
1,1,2-Trichloroethane	10.5		"	10.0		105	70-130				
1,1-Dichloroethane	9.03		"	10.0		90.3	70-130				
1,1-Dichloroethylene	8.23		"	10.0		82.3	70-130				
1,2,4-Trichlorobenzene	8.48		"	10.0		84.8	70-130				
1,2,4-Trimethylbenzene	8.05		"	10.0		80.5	70-130				
1,2-Dibromoethane	10.1		"	10.0		101	70-130				
1,2-Dichlorobenzene	8.38		"	10.0		83.8	70-130				
1,2-Dichloroethane	7.78		"	10.0		77.8	70-130				
1,2-Dichloropropane	11.2		"	10.0		112	70-130				
1,2-Dichlorotetrafluoroethane	9.11		"	10.0		91.1	70-130				
1,3,5-Trimethylbenzene	8.08		"	10.0		80.8	70-130				
1,3-Butadiene	9.46		"	10.0		94.6	70-130				
1,3-Dichlorobenzene	8.71		"	10.0		87.1	70-130				
1,3-Dichloropropane	10.2		"	10.0		102	70-130				
1,4-Dichlorobenzene	8.50		"	10.0		85.0	70-130				
1,4-Dioxane	9.65		"	10.0		96.5	70-130				
2-Butanone	8.86		"	10.0		88.6	70-130				
2-Hexanone	10.8		"	10.0		108	70-130				
3-Chloropropene	10.3		"	10.0		103	70-130				
4-Methyl-2-pentanone	9.58		"	10.0		95.8	70-130				
Acetone	9.40		"	10.0		94.0	70-130				
Acrylonitrile	9.77		"	10.0		97.7	70-130				
Benzene	8.99		"	10.0		89.9	70-130				
Benzyl chloride	8.24		"	10.0		82.4	70-130				
Bromodichloromethane	9.39		"	10.0		93.9	70-130				
Bromoform	8.97		"	10.0		89.7	70-130				
Bromomethane	9.56		"	10.0		95.6	70-130				
Carbon disulfide	9.19		"	10.0		91.9	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20468 - EPA TO15 PREP											
LCS (BI20468-BS1)								Prepared & Analyzed: 09/11/2022			
Carbon tetrachloride	6.95		ppbv	10.0		69.5	70-130	Low Bias			
Chlorobenzene	9.11		"	10.0		91.1	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	8.64		"	10.0		86.4	70-130				
Chloromethane	9.83		"	10.0		98.3	70-130				
cis-1,2-Dichloroethylene	7.88		"	10.0		78.8	70-130				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	70-130				
Cyclohexane	10.8		"	10.0		108	70-130				
Dibromochloromethane	9.96		"	10.0		99.6	70-130				
Dichlorodifluoromethane	8.31		"	10.0		83.1	70-130				
Ethyl acetate	9.62		"	10.0		96.2	70-130				
Ethyl Benzene	9.35		"	10.0		93.5	70-130				
Hexachlorobutadiene	9.73		"	10.0		97.3	70-130				
Isopropanol	8.13		"	10.0		81.3	70-130				
Methyl Methacrylate	10.2		"	10.0		102	70-130				
Methyl tert-butyl ether (MTBE)	8.54		"	10.0		85.4	70-130				
Methylene chloride	8.73		"	10.0		87.3	70-130				
n-Heptane	10.8		"	10.0		108	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	9.38		"	10.0		93.8	70-130				
p- & m- Xylenes	18.3		"	20.0		91.4	70-130				
p-Ethyltoluene	9.09		"	10.0		90.9	70-130				
Propylene	11.1		"	10.0		111	70-130				
Styrene	9.96		"	10.0		99.6	70-130				
Tetrachloroethylene	10.2		"	10.0		102	70-130				
Tetrahydrofuran	10.1		"	10.0		101	70-130				
Toluene	9.41		"	10.0		94.1	70-130				
trans-1,2-Dichloroethylene	9.05		"	10.0		90.5	70-130				
trans-1,3-Dichloropropylene	9.95		"	10.0		99.5	70-130				
Trichloroethylene	8.63		"	10.0		86.3	70-130				
Trichlorofluoromethane (Freon 11)	8.28		"	10.0		82.8	70-130				
Vinyl acetate	9.38		"	10.0		93.8	70-130				
Vinyl bromide	9.71		"	10.0		97.1	70-130				
Vinyl Chloride	10.1		"	10.0		101	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20468 - EPA TO15 PREP											
Duplicate (BI20468-DUP1)	*Source sample: 22I0526-01 (SV-1)								Prepared: 09/11/2022 Analyzed: 09/12/2022		
1,1,1,2-Tetrachloroethane	ND	1.3	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.0	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.5	"		ND					25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1-Dichloroethane	ND	0.77	"		ND					25	
1,1-Dichloroethylene	ND	0.19	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,2,4-Trimethylbenzene	1.4	0.94	"		1.4				0.00	25	
1,2-Dibromoethane	ND	1.5	"		ND					25	
1,2-Dichlorobenzene	ND	1.2	"		ND					25	
1,2-Dichloroethane	ND	0.77	"		ND					25	
1,2-Dichloropropane	ND	0.88	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.94	"		ND					25	
1,3-Butadiene	0.85	1.3	"		0.93				9.52	25	
1,3-Dichlorobenzene	ND	1.2	"		ND					25	
1,3-Dichloropropane	ND	0.88	"		ND					25	
1,4-Dichlorobenzene	ND	1.2	"		ND					25	
1,4-Dioxane	ND	1.4	"		ND					25	
2-Butanone	23	0.56	"		23				0.742	25	
2-Hexanone	5.6	1.6	"		5.7				1.38	25	
3-Chloropropene	ND	3.0	"		ND					25	
4-Methyl-2-pentanone	ND	0.78	"		ND					25	
Acetone	100	0.91	"		99				1.23	25	
Acrylonitrile	0.58	0.42	"		0.54				7.41	25	
Benzene	1.7	0.61	"		1.7				0.00	25	
Benzyl chloride	ND	0.99	"		ND					25	
Bromodichloromethane	ND	1.3	"		ND					25	
Bromoform	ND	2.0	"		ND					25	
Bromomethane	ND	0.74	"		ND					25	
Carbon disulfide	24	0.60	"		23				3.81	25	
Carbon tetrachloride	ND	0.30	"		ND					25	
Chlorobenzene	ND	0.88	"		ND					25	
Chloroethane	ND	0.50	"		ND					25	
Chloroform	ND	0.93	"		ND					25	
Chloromethane	0.99	0.40	"		0.87				12.8	25	
cis-1,2-Dichloroethylene	ND	0.19	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.87	"		ND					25	
Cyclohexane	8.8	0.66	"		8.5				3.05	25	
Dibromochloromethane	ND	1.6	"		ND					25	
Dichlorodifluoromethane	1.3	0.95	"		1.3				0.00	25	
Ethyl acetate	1.2	1.4	"		1.2				0.00	25	
Ethyl Benzene	2.0	0.83	"		2.1				4.08	25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Isopropanol	3.7	0.94	"		3.7				0.00	25	
Methyl Methacrylate	ND	0.78	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.69	"		ND					25	
Methylene chloride	0.93	1.3	"		0.93				0.00	25	
n-Heptane	6.9	0.78	"		6.6				4.65	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20468 - EPA TO15 PREP											
Duplicate (BI20468-DUP1)	*Source sample: 22I0526-01 (SV-1)								Prepared: 09/11/2022 Analyzed: 09/12/2022		
n-Hexane	19	0.67	ug/m³		19				1.80	25	
o-Xylene	1.8	0.83	"		1.9				4.44	25	
p- & m- Xylenes	4.4	1.7	"		4.2				3.85	25	
p-Ethyltoluene	0.85	0.94	"		0.85				0.00	25	
Propylene	68	0.33	"		67				1.66	25	
Styrene	ND	0.81	"		ND					25	
Tetrachloroethylene	1.3	1.3	"		1.3				0.00	25	
Tetrahydrofuran	ND	1.1	"		ND					25	
Toluene	3.1	0.72	"		3.1				0.00	25	
trans-1,2-Dichloroethylene	ND	0.76	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.87	"		ND					25	
Trichloroethylene	0.62	0.26	"		0.51				18.2	25	
Trichlorofluoromethane (Freon 11)	ND	1.1	"		ND					25	
Vinyl acetate	ND	0.67	"		ND					25	
Vinyl bromide	ND	0.84	"		ND					25	
Vinyl Chloride	ND	0.24	"		ND					25	

YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.

Definitions and Other Explanations

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

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record - AIR

YORK Project No. 22I0526

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Hydrotech Environmental	Company: Same	Company: Same	220058	RUSH - Next Day
Address: 231 West 29th St, New York, NY 10001	Address:	Address:	YOUR Project Name: 601-607 Union St, Brooklyn, NY	RUSH - Two Day
Phone.: (631) 462-5886	Phone.:	Phone.:		RUSH - Three Day
Contact: Ruijie Xu	Contact:	Contact:		RUSH - Four Day ✓
E-mail: rxu@hydrotechenvironmental.com	E-mail:	E-mail:	YOUR PO#: 52931	Standard (5-7 Day)

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

Ammarah Zaidi

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

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1	9/9/22 12:49PM	AS	-30	-6	37803	7362	TO-15
SV-2	12:52PM		-30	-8	16691	13560	
SSB-1	12:49PM		-30	-8	18302	5118	
SSB-2	12:22PM		-30	-8	23156	5605	
SSB-3	12:23PM		-30	-8	10748	13556	
SSB-4	12:20PM		-30	-6	28844	7085	
SSB-5	12:54PM		-30	-10	18294	13570	
SSB-6	12:59PM		-30	-10	24254	6891	

Comments:

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ammarah Zaidi / HTE	9/9/22	Sabal York	09/09 2:08	Sabal York	
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Adrian Carter	9/9/22 18:00

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Report Date: 09/23/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0530

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/23/2022
Client Project ID: 220058 601-607 Union St., Brooklyn, NY
York Project (SDG) No.: 22I0530

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue, Suite 2B
Brooklyn NY, 11225
Attention: Ruijie Xu

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 09, 2022 and listed below. The project was identified as your project: **220058 601-607 Union St., Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

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

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

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22I0530-01	MW-4	Water	09/09/2022	09/09/2022
22I0530-02	MW-5	Water	09/09/2022	09/09/2022
22I0530-03	MW-6	Water	09/09/2022	09/09/2022
22I0530-04	MW-7	Water	09/09/2022	09/09/2022
22I0530-05	MW-8	Water	09/09/2022	09/09/2022

General Notes for York Project (SDG) No.: 22I0530

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

Approved By: **Date:** 09/23/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22I0530-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
78-93-3	**2-Butanone**	**0.680**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 18:25	JTG

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22I0530-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**4.57**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.310**	CCVE, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**1.55**	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	**tert-Butyl alcohol (TBA)**	**3.23**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 18:25	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*125 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*			*79-122*						

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH NELAC-NY10854,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH NELAC-NY10854,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH NELAC-NY10854,PADEP
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	09/16/2022 08:16	09/16/2022 19:48	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.43	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
86-74-8	Carbazole	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
132-64-9	Dibenzofuran	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	7.14	14.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
78-59-1	Isophorone	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 19:48	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*132 %*	S-04	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*107 %*	S-04	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.3 %*		*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.600**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH
208-96-8	**Acenaphthylene**	**0.0714**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH
120-12-7	**Anthracene**	**0.486**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH
56-55-3	**Benzo(a)anthracene**	**0.357**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH
50-32-8	**Benzo(a)pyrene**	**0.186**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH
205-99-2	**Benzo(b)fluoranthene**	**0.157**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/16/2022 08:16	09/16/2022 18:56	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes: **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**0.114**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.171**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.886**	B	ug/L	0.714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	**Chrysene**	**0.371**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**2.79**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.500**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0286	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.100**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.657**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.357	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**2.76**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.89**		ug/L	0.0714	1	EPA 8270D SIM	09/16/2022 08:16	09/16/2022 18:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/15/2022 10:56	09/16/2022 14:43	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22I0530-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**3.90**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**8.76**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**10.8**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**51.4**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**7.15**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**9.94**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:43	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.0 %*	*25-150*
Surrogate: M5PFHxA	*76.7 %*	*25-150*

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22I0530-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*88.7 %*			*25-150*					
	Surrogate: M3PFHxS	*104 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*115 %*			*25-150*					
	Surrogate: M6PFDA	*104 %*			*25-150*					
	Surrogate: M7PFUdA	*94.7 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.9 %*			*25-150*					
	Surrogate: M2PFTeDA	*73.4 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*75.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*108 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.2 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*92.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*94.3 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*164 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*164 %*			*25-200*					
	Surrogate: M9PFNA	*98.1 %*			*25-150*					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:31	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/16/2022 05:21	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/16/2022 05:21	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/16/2022 05:21	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/16/2022 05:21	BJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:21	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:21	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:21	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03	09/16/2022 05:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**80.6**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-39-3	**Barium**	**4.37**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-70-2	**Calcium**	**541**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-47-3	**Chromium**	**0.210**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-48-4	**Cobalt**	**0.0926**		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-50-8	**Copper**	**0.329**		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7439-89-6	**Iron**	**189**		mg/L	2.78	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 20:34	AJL
7439-92-1	**Lead**	**8.13**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7439-95-4	**Magnesium**	**45.8**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7439-96-5	**Manganese**	**4.50**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-02-0	**Nickel**	**0.240**		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-09-7	**Potassium**	**24.3**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:22	AJL

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**53.4**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.642**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**3.64**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.166**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**214**	B	mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**29.1**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.539**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**15.1**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**47.5**		mg/L	0.556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:16	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**17.4**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**608**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**2.10**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**11.1**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**179**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**1.43**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:24	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**2.68**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**18.5**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.49**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:57	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22I0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 9:30 am	09/09/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 10:08	09/15/2022 10:08	AD

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.210**		mg/L	0.0100	1	Calculation Certifications:	09/23/2022 17:07	09/23/2022 17:19	PAM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 06:30	09/15/2022 20:07	JTG

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**2.05**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	**4-Methyl-2-pentanone**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**12.8**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.220**	CCVE, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**2.03**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:07	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	**tert-Butyl alcohol (TBA)**	**5.90**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:07	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*	*79-122*

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2022 08:22	09/16/2022 12:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 12:06	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:06	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.9 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.6 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 11:53	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 11:53	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	09/15/2022 10:56	09/16/2022 15:01	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**4.70**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**22.5**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**14.1**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**50.6**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**13.5**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**13.2**		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
27619-97-2	*** 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**29.8**		ng/L	10.0	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	4.00	2	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 19:56	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*108 %*		*25-150*
Surrogate: M5PFHxA	*41.5 %*		*25-150*
Surrogate: M4PFHpA	*65.5 %*		*25-150*
Surrogate: M3PFHxS	*139 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*135 %*		*25-150*
Surrogate: M6PFDA	*138 %*		*25-150*
Surrogate: M7PFUdA	*131 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*140 %*		*25-150*
Surrogate: M2PFTeDA	*99.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*37.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*135 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.8 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*153 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d5-N-EtFOSAA	*181 %*	PFSu-H	*25-150*						
	Surrogate: M2-6:2 FTS	*305 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*350 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*119 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/15/2022 08:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 01:48	CM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22I0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:03	09/19/2022 01:48	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:03	09/19/2022 01:48	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:03	09/19/2022 01:48	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:03	09/19/2022 01:48	CM

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*24.4 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.3 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/15/2022 08:03	09/16/2022 05:34	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/15/2022 08:03	09/16/2022 05:34	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**175**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 13:25	AJL

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**7.49**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**764**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.488**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.220**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.637**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**303**		mg/L	2.78	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.23**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**47.1**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**5.59**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1.64**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**58.3**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**149**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**7.82**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**5.98**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**146**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**3.17**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**734**	B	mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.339**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	**Cobalt**	**0.238**		mg/L	0.00444	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**253**		mg/L	2.78	10	EPA 6010D	09/20/2022 08:56	09/23/2022 16:04	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.23**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**47.8**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**5.07**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1.99**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**53.3**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**166**		mg/L	0.556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**9.88**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**11.7**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**9.54**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**786**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**4.09**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**10.7**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**327**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:27	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22I0530-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:15 am	09/09/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**6.91**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**13.2**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.10**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 18:01	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	09/15/2022 10:08	09/15/2022 10:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.488**		mg/L	0.0100	1	Calculation	09/23/2022 17:07	09/23/2022 17:19	PAM
							Certifications:			

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22I0530-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22I0530-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**2.89**		ug/L	1.00	2.00	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.310**	ICVE, J, QL-02	ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**1.21**		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:33	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.22**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
108-87-2	**Methylcyclohexane**	**1.12**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
75-09-2	**Methylene chloride**	**1.04**	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
103-65-1	**n-Propylbenzene**	**0.420**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/15/2022 20:33	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/15/2022 20:33	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
135-98-8	**sec-Butylbenzene**	**0.830**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**6.88**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
98-06-6	**tert-Butylbenzene**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/15/2022 20:33	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/15/2022 06:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/15/2022 20:33	JTG

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.7 %*			*79-122*						

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:37	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*109 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.9 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.0 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22I0530-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
91-20-3	**Naphthalene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:26	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:26	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.54**		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	09/15/2022 10:56	09/16/2022 15:19	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**6.16**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**8.16**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**8.32**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**20.9**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**14.7**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
27619-97-2	*** 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**7.73**		ng/L	4.46	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**12.2**		ng/L	1.79	1	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 16:56	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*89.8 %*	*25-150*
Surrogate: M5PFHxA	*73.4 %*	*25-150*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22I0530-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*93.6 %*			*25-150*					
	Surrogate: M3PFHxS	*130 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*115 %*			*25-150*					
	Surrogate: M6PFDA	*115 %*			*25-150*					
	Surrogate: M7PFUdA	*105 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*103 %*			*25-150*					
	Surrogate: M2PFTeDA	*102 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*50.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*128 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*74.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.9 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*114 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*112 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*147 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*192 %*			*25-200*					
	Surrogate: M9PFNA	*101 %*			*25-150*					

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:09	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:53	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:53	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:53	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 05:53	BJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:53	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:53	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/12/2022 07:28	09/13/2022 05:53	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	09/12/2022 07:28	09/13/2022 05:53	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**66.9**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-39-3	**Barium**	**3.03**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-70-2	**Calcium**	**320**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-47-3	**Chromium**	**0.121**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-48-4	**Cobalt**	**0.0724**		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-50-8	**Copper**	**0.397**		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7439-89-6	**Iron**	**79.5**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7439-92-1	**Lead**	**3.54**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7439-95-4	**Magnesium**	**83.4**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7439-96-5	**Manganese**	**1.38**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-02-0	**Nickel**	**0.134**		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-09-7	**Potassium**	**19.3**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL
7440-22-4	**Silver**	**0.0120**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/13/2022 12:07	09/14/2022 14:13	AJL

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**189**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:13	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.333**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:13	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**2.29**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:13	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4.71**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.700**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**303**	B	mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0114**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.0130**		mg/L	0.00444	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12.2**		mg/L	0.278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.653**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**89.6**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.910**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0287**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**30.7**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**258**		mg/L	0.556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0496**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.487**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:36	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22I0530-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**6.40**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**145**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.49**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**3.48**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**65.5**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:30	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**136**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.78**		ug/L	0.333	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**2.64**		ug/L	0.556	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**62.3**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:37	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22I0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 10:45 am	09/09/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	09/15/2022 10:08	09/15/2022 10:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.121**		mg/L	0.0100	1	Calculation	09/23/2022 17:07	09/23/2022 17:19	PAM
							Certifications:			

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **22I0530-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**0.330**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**3.48**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	**Benzene**	**6.21**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.610**	CCVE	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	**Ethyl Benzene**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	**Isopropylbenzene**	**0.370**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.560**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	**Methylene chloride**	**2.38**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	**o-Xylene**	**0.470**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	**p- & m- Xylenes**	**1.14**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 20:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	**tert-Butyl alcohol (TBA)**	**5.29**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**1.61**		ug/L	0.600	1.50	1	EPA 8260C	09/15/2022 06:30	09/15/2022 20:58	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*79-122*

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/15/2022 08:22	09/16/2022 13:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:07	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.9 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.1 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.380**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
208-96-8	Acenaphthylene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
120-12-7	Anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
50-32-8	**Benzo(a)pyrene**	**0.100**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.100**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
218-01-9	Chrysene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
206-44-0	**Fluoranthene**	**0.120**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
86-73-7	Fluorene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0400	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
67-72-1	Hexachloroethane	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
98-95-3	Nitrobenzene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 12:58	KH
85-01-8	**Phenanthrene**	**0.100**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH
129-00-0	**Pyrene**	**0.140**		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 12:58	KH

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**16.8**		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**55.1**		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**42.3**		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**22.4**		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **22I0530-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**435**		ng/L	48.1	10	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:09	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**10.1**		ng/L	9.62	5	EPA 537m Certifications:	09/12/2022 12:41	09/14/2022 17:09	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.0 %*	*25-150*
Surrogate: M5PFHxA	*96.2 %*	*25-150*
Surrogate: M4PFHpA	*116 %*	*25-150*
Surrogate: M3PFHxS	*127 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*119 %*	*25-150*
Surrogate: M6PFDA	*96.0 %*	*25-150*
Surrogate: M7PFUdA	*94.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*91.4 %*	*25-150*
Surrogate: M2PFTeDA	*94.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*91.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*40.5 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*88.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*121 %*	*25-150*
Surrogate: M2-6:2 FTS	*115 %*	*25-200*
Surrogate: M2-8:2 FTS	*148 %*	*25-200*
Surrogate: M9PFNA	*96.6 %*	*25-150*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:26	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.6 %*	*30-150*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.2 %*		*30-150*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/12/2022 07:28	09/13/2022 06:07	BJ
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**338**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**5.62**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**975**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.683**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.235**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**1.34**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **22I0530-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**629**		mg/L	2.78	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.53**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**138**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**13.2**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.439**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**49.7**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.00941**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**735**		mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.936**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**4.29**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:15	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.96**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**2.23**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1170**	B	mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.123**		mg/L	0.00444	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**214**		mg/L	2.78	10	EPA 6010D	09/20/2022 08:56	09/23/2022 16:06	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.172**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**83.4**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **22I0530-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**12.1**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.148**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**42.2**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**938**		mg/L	0.556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**2.56**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:38	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**10.8**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**448**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.60**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**7.34**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**224**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	**Thallium**	**1.45**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.38**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**13.6**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22I0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 11:15 am	09/09/2022

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	**Selenium**	**11.4**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:56	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	09/15/2022 10:08	09/15/2022 10:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.683**		mg/L	0.0100	1	Calculation	09/23/2022 17:07	09/23/2022 17:19	PAM
							Certifications:			

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 22I0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.440**	J	ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**4.15**		ug/L	1.00	2.00	1	EPA 8260C	09/15/2022 06:30	09/15/2022 21:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**3.99**	CCVE	ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	**Methylene chloride**	**1.01**	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**2.79**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	09/15/2022 06:30	09/15/2022 21:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 22I0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*			*79-122*						

Semi-volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH NELAC-NY10854,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH NELAC-NY10854,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH NELAC-NY10854,PADEP
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	09/15/2022 08:22	09/16/2022 13:38	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Semi-volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:38	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.2 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.9 %*	*30.7-106*

Semi-volatiles, 8270 Base/Neutral (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.29**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
208-96-8	**Acenaphthylene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
120-12-7	**Anthracene**	**0.340**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
56-55-3	**Benzo(a)anthracene**	**0.0900**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Semi-volatiles, 8270 Base/Neutral (SIM)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
218-01-9	**Chrysene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
206-44-0	**Fluoranthene**	**0.600**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
86-73-7	**Fluorene**	**0.560**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
91-20-3	**Naphthalene**	**0.130**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/15/2022 08:22	09/16/2022 13:30	KH
85-01-8	**Phenanthrene**	**0.390**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH
129-00-0	**Pyrene**	**0.860**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2022 08:22	09/16/2022 13:30	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	09/15/2022 10:56	09/16/2022 15:54	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**6.96**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**5.16**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**5.12**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**6.11**		ng/L	2.00	1	EPA 537m Certifications:	09/12/2022 12:41	09/15/2022 20:22	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*84.7 %*	*25-150*
Surrogate: M5PFHxA	*50.5 %*	*25-150*
Surrogate: M4PFHpA	*68.8 %*	*25-150*

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*113 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*105 %*		*25-150*						
	Surrogate: M6PFDA	*124 %*		*25-150*						
	Surrogate: M7PFUdA	*112 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*112 %*		*25-150*						
	Surrogate: M2PFTeDA	*72.0 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*70.0 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*106 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*96.5 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*118 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*132 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*282 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*227 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*100 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
12789-03-6	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 22I0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	09/12/2022 07:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/19/2022 05:42	CM

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*14.4 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.8 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 22I0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	09/13/2022 06:21	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/12/2022 07:28	09/13/2022 06:21	BJ

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.5 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*20.0 %*	S-GC	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**84.8**		mg/L	0.0556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-39-3	**Barium**	**3.82**		mg/L	0.0278	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-70-2	**Calcium**	**551**	B	mg/L	0.0556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-47-3	**Chromium**	**0.208**		mg/L	0.00556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-48-4	**Cobalt**	**0.0830**		mg/L	0.00444	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-50-8	**Copper**	**0.698**		mg/L	0.0222	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7439-89-6	**Iron**	**178**		mg/L	2.78	10	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 20:42	AJL
7439-92-1	**Lead**	**6.14**		mg/L	0.00556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7439-95-4	**Magnesium**	**156**		mg/L	0.0556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7439-96-5	**Manganese**	**3.08**		mg/L	0.00556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-02-0	**Nickel**	**0.221**		mg/L	0.0111	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-09-7	**Potassium**	**51.1**		mg/L	0.0556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-22-4	**Silver**	**0.00684**		mg/L	0.00556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL
7440-23-5	**Sodium**	**205**		mg/L	0.556	1	EPA 6010D Certifications:	09/13/2022 12:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2022 14:18	AJL

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**0.469**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**3.31**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 14:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**47.4**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**2.93**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**600**	B	mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0979**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.0484**		mg/L	0.00444	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.213**		mg/L	0.0222	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**103**		mg/L	0.278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.41**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**146**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.64**		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.119**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**42.2**		mg/L	0.0556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**246**		mg/L	0.556	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.390**		mg/L	0.0111	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**3.44**		mg/L	0.0278	1	EPA 6010D	09/20/2022 08:56	09/22/2022 14:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

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

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**14.3**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**275**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.58**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**8.81**		ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**141**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.46**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**4.63**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**47.0**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.486**		ug/L	0.333	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.28**		ug/L	0.556	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**22.0**		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/20/2022 09:02	09/22/2022 20:59	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **22I0530-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0530	220058 601-607 Union St., Brooklyn, NY	Water	September 9, 2022 12:10 pm	09/09/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	09/15/2022 10:08	09/15/2022 10:08	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.208**		mg/L	0.0100	1	Calculation	09/23/2022 17:07	09/23/2022 17:19	PAM
							Certifications:			

Analytical Batch Summary

Batch ID: BI20471 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-03	MW-6	09/12/22
22I0530-03	MW-6	09/12/22
22I0530-04	MW-7	09/12/22
22I0530-04	MW-7	09/12/22
22I0530-05	MW-8	09/12/22
22I0530-05	MW-8	09/12/22
BI20471-BLK1	Blank	09/12/22
BI20471-BLK2	Blank	09/12/22
BI20471-BS1	LCS	09/12/22
BI20471-BS2	LCS	09/12/22
BI20471-BSD1	LCS Dup	09/12/22
BI20471-MS2	Matrix Spike	09/12/22
BI20471-MSD2	Matrix Spike Dup	09/12/22

Batch ID: BI20511 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/12/22
22I0530-02	MW-5	09/12/22
22I0530-02RE1	MW-5	09/12/22
22I0530-03	MW-6	09/12/22
22I0530-04	MW-7	09/12/22
22I0530-04RE1	MW-7	09/12/22
22I0530-05	MW-8	09/12/22
BI20511-BLK1	Blank	09/12/22
BI20511-BS1	LCS	09/12/22
BI20511-BSD1	LCS Dup	09/12/22

Batch ID: BI20586 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/13/22
22I0530-01RE1	MW-4	09/13/22
22I0530-02	MW-5	09/13/22
22I0530-02RE1	MW-5	09/13/22
22I0530-03	MW-6	09/13/22
22I0530-04	MW-7	09/13/22
22I0530-04RE1	MW-7	09/13/22
22I0530-05	MW-8	09/13/22
22I0530-05RE1	MW-8	09/13/22
BI20586-BLK1	Blank	09/13/22
BI20586-BS1	LCS	09/13/22
BI20586-DUP1	Duplicate	09/13/22
BI20586-MS1	Matrix Spike	09/13/22
BI20586-PS1	Post Spike	09/13/22

Batch ID: BI20716 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/14/22
22I0530-02	MW-5	09/14/22
22I0530-03	MW-6	09/14/22
22I0530-04	MW-7	09/14/22
22I0530-05	MW-8	09/14/22
BI20716-BLK1	Blank	09/14/22
BI20716-BS1	LCS	09/14/22
BI20716-BS2	LCS	09/14/22

Batch ID: BI20722 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
22I0530-02	MW-5	09/15/22
BI20722-BLK1	Blank	09/15/22
BI20722-BLK2	Blank	09/15/22
BI20722-BS1	LCS	09/15/22
BI20722-BS2	LCS	09/15/22
BI20722-BSD1	LCS Dup	09/15/22
BI20722-BSD2	LCS Dup	09/15/22

Batch ID: BI20724 **Preparation Method:** EPA 3510C **Prepared By:** VS

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-02	MW-5	09/15/22
22I0530-03	MW-6	09/15/22
22I0530-04	MW-7	09/15/22
22I0530-05	MW-8	09/15/22
BI20724-BLK1	Blank	09/15/22
BI20724-BLK2	Blank	09/15/22
BI20724-BS1	LCS	09/15/22
BI20724-BS2	LCS	09/15/22
BI20724-BSD1	LCS Dup	09/15/22

Batch ID: BI20754 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
22I0530-03	MW-6	09/15/22
22I0530-04	MW-7	09/15/22
22I0530-05	MW-8	09/15/22
BI20754-BLK1	Blank	09/15/22

BI20754-BS1	LCS	09/15/22
BI20754-DUP1	Duplicate	09/15/22
BI20754-MS1	Matrix Spike	09/15/22

Batch ID: BI20766 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
22I0530-03	MW-6	09/15/22
22I0530-05	MW-8	09/15/22
BI20766-BLK1	Blank	09/15/22
BI20766-BS1	LCS	09/15/22
BI20766-MS1	Matrix Spike	09/15/22
BI20766-MSD1	Matrix Spike Dup	09/15/22

Batch ID: BI20784 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
BI20784-BLK1	Blank	09/15/22
BI20784-BS1	LCS	09/15/22
BI20784-DUP1	Duplicate	09/15/22
BI20784-MS1	Matrix Spike	09/15/22

Batch ID: BI20805 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
22I0530-03	MW-6	09/15/22
22I0530-04	MW-7	09/15/22
22I0530-05	MW-8	09/15/22
BI20805-BLK1	Blank	09/15/22
BI20805-BS1	LCS	09/15/22
BI20805-BS2	LCS	09/15/22

Batch ID: BI20807 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/15/22
22I0530-02	MW-5	09/15/22
22I0530-03	MW-6	09/15/22
22I0530-04	MW-7	09/15/22
22I0530-05	MW-8	09/15/22
BI20807-BLK1	Blank	09/15/22
BI20807-BS1	LCS	09/15/22
BI20807-BSD1	LCS Dup	09/15/22

Batch ID: BI20827 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/16/22
BI20827-BLK1	Blank	09/16/22
BI20827-BLK2	Blank	09/16/22
BI20827-BS1	LCS	09/16/22
BI20827-BS2	LCS	09/16/22
BI20827-BSD1	LCS Dup	09/16/22

Batch ID: BI20903 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/19/22
22I0530-02	MW-5	09/19/22
22I0530-03	MW-6	09/19/22
22I0530-04	MW-7	09/19/22
22I0530-05	MW-8	09/19/22
BI20903-BLK1	Blank	09/19/22
BI20903-BS1	LCS	09/19/22
BI20903-DUP1	Duplicate	09/19/22
BI20903-MS1	Matrix Spike	09/19/22

Batch ID: BI20971 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/20/22
22I0530-02	MW-5	09/20/22
22I0530-02RE1	MW-5	09/20/22
22I0530-03	MW-6	09/20/22
22I0530-04	MW-7	09/20/22
22I0530-04RE1	MW-7	09/20/22
22I0530-05	MW-8	09/20/22
BI20971-BLK1	Blank	09/20/22
BI20971-BS1	LCS	09/20/22
BI20971-DUP1	Duplicate	09/20/22
BI20971-MS1	Matrix Spike	09/20/22
BI20971-PS1	Post Spike	09/20/22

Batch ID: BI21007 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-03	MW-6	09/20/22
22I0530-04	MW-7	09/20/22
22I0530-05	MW-8	09/20/22
BI21007-BLK1	Blank	09/20/22
BI21007-BS1	LCS	09/20/22
BI21007-DUP1	Duplicate	09/20/22

BI21007-MS1 Matrix Spike 09/20/22

Batch ID: BI21288 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22I0530-01	MW-4	09/23/22
22I0530-02	MW-5	09/23/22
22I0530-03	MW-6	09/23/22
22I0530-04	MW-7	09/23/22
22I0530-05	MW-8	09/23/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
Blank (BI20807-BLK1)											Prepared & Analyzed: 09/15/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
Blank (BI20807-BLK1)								Prepared & Analyzed: 09/15/2022			
Methylene chloride	1.05	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.0*		*"*	*10.0*		*120*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS (BI20807-BS1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	8.30		"	10.0		83.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	8.46		"	10.0		84.6	82-123				
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	7.46		"	10.0		74.6	76-136	Low Bias			
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	8.01		"	10.0		80.1	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	45-147				
1,2-Dibromoethane	8.70		"	10.0		87.0	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	251		"	210		120	10-349				
2-Butanone	8.45		"	10.0		84.5	49-152				
2-Hexanone	7.52		"	10.0		75.2	51-146				
4-Methyl-2-pentanone	8.06		"	10.0		80.6	57-145				
Acetone	9.06		"	10.0		90.6	14-150				
Acrolein	7.68		"	10.0		76.8	10-153				
Acrylonitrile	7.18		"	10.0		71.8	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS (BI20807-BS1)								Prepared & Analyzed: 09/15/2022			
Benzene	8.78		ug/L	10.0		87.8	85-126				
Bromochloromethane	9.27		"	10.0		92.7	77-128				
Bromodichloromethane	9.62		"	10.0		96.2	79-128				
Bromoform	8.20		"	10.0		82.0	78-133				
Bromomethane	0.900		"	10.0		9.00	43-168	Low Bias			
Carbon disulfide	9.47		"	10.0		94.7	68-146				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	9.50		"	10.0		95.0	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	9.31		"	10.0		93.1	82-128				
Chloromethane	8.27		"	10.0		82.7	43-155				
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	83-129				
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131				
Cyclohexane	4.31		"	10.0		43.1	63-149	Low Bias			
Dibromochloromethane	9.05		"	10.0		90.5	80-130				
Dibromomethane	9.31		"	10.0		93.1	72-134				
Dichlorodifluoromethane	13.9		"	10.0		139	44-144				
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	8.84		"	10.0		88.4	67-146				
Isopropylbenzene	11.1		"	10.0		111	76-140				
Methyl acetate	8.65		"	10.0		86.5	51-139				
Methyl tert-butyl ether (MTBE)	8.23		"	10.0		82.3	76-135				
Methylcyclohexane	12.1		"	10.0		121	72-143				
Methylene chloride	9.55		"	10.0		95.5	55-137				
n-Butylbenzene	11.4		"	10.0		114	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Isopropyltoluene	11.1		"	10.0		111	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	9.35		"	10.0		93.5	67-132				
tert-Butyl alcohol (TBA)	49.4		"	50.0		98.8	25-162				
tert-Butylbenzene	8.80		"	10.0		88.0	77-138				
Tetrachloroethylene	11.7		"	10.0		117	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	9.78		"	10.0		97.8	80-132				
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	78-131				
trans-1,4-dichloro-2-butene	8.94		"	10.0		89.4	63-141				
Trichloroethylene	9.80		"	10.0		98.0	82-128				
Trichlorofluoromethane	16.4		"	10.0		164	67-139	High Bias			
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS Dup (BI20807-BSD1)								Prepared & Analyzed: 09/15/2022			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.64	30	
1,1,1-Trichloroethane	9.94		"	10.0		99.4	78-136		4.81	30	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	76-129		7.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		7.20	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		4.51	30	
1,1-Dichloroethane	9.01		"	10.0		90.1	82-129		3.70	30	
1,1-Dichloroethylene	10.1		"	10.0		101	68-138		6.52	30	
1,2,3-Trichlorobenzene	7.79		"	10.0		77.9	76-136		4.33	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.09	30	
1,2,4-Trichlorobenzene	8.08		"	10.0		80.8	76-137		0.870	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		3.89	30	
1,2-Dibromo-3-chloropropane	9.08		"	10.0		90.8	45-147		5.66	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		7.20	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.771	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		3.07	30	
1,2-Dichloropropane	9.95		"	10.0		99.5	78-126		0.501	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		4.74	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		0.879	30	
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124		2.56	30	
1,4-Dioxane	234		"	210		112	10-349		6.87	30	
2-Butanone	8.92		"	10.0		89.2	49-152		5.41	30	
2-Hexanone	8.56		"	10.0		85.6	51-146		12.9	30	
4-Methyl-2-pentanone	9.12		"	10.0		91.2	57-145		12.3	30	
Acetone	8.93		"	10.0		89.3	14-150		1.45	30	
Acrolein	8.00		"	10.0		80.0	10-153		4.08	30	
Acrylonitrile	7.50		"	10.0		75.0	51-150		4.36	30	
Benzene	8.67		"	10.0		86.7	85-126		1.26	30	
Bromochloromethane	9.14		"	10.0		91.4	77-128		1.41	30	
Bromodichloromethane	9.60		"	10.0		96.0	79-128		0.208	30	
Bromoform	9.01		"	10.0		90.1	78-133		9.41	30	
Bromomethane	0.840		"	10.0		8.40	43-168	Low Bias	6.90	30	
Carbon disulfide	8.90		"	10.0		89.0	68-146		6.21	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		5.62	30	
Chlorobenzene	9.40		"	10.0		94.0	88-120		1.06	30	
Chloroethane	9.89		"	10.0		98.9	65-136		6.74	30	
Chloroform	9.06		"	10.0		90.6	82-128		2.72	30	
Chloromethane	7.56		"	10.0		75.6	43-155		8.97	30	
cis-1,2-Dichloroethylene	9.15		"	10.0		91.5	83-129		4.80	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		0.544	30	
Cyclohexane	4.05		"	10.0		40.5	63-149	Low Bias	6.22	30	
Dibromochloromethane	9.59		"	10.0		95.9	80-130		5.79	30	
Dibromomethane	9.72		"	10.0		97.2	72-134		4.31	30	
Dichlorodifluoromethane	12.5		"	10.0		125	44-144		10.5	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.63	30	
Hexachlorobutadiene	7.80		"	10.0		78.0	67-146		12.5	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		6.23	30	
Methyl acetate	9.38		"	10.0		93.8	51-139		8.10	30	
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	76-135		5.55	30	
Methylcyclohexane	11.5		"	10.0		115	72-143		4.57	30	
Methylene chloride	9.42		"	10.0		94.2	55-137		1.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20807 - EPA 5030B											
LCS Dup (BI20807-BSD1)								Prepared & Analyzed: 09/15/2022			
n-Butylbenzene	10.7		ug/L	10.0		107	79-132		6.35	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		6.08	30	
o-Xylene	11.0		"	10.0		110	78-130		2.69	30	
p- & m- Xylenes	21.3		"	20.0		106	77-133		4.51	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		4.32	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		4.98	30	
Styrene	9.14		"	10.0		91.4	67-132		2.27	30	
tert-Butyl alcohol (TBA)	54.7		"	50.0		109	25-162		10.2	30	
tert-Butylbenzene	8.26		"	10.0		82.6	77-138		6.33	30	
Tetrachloroethylene	10.9		"	10.0		109	82-131		6.65	30	
Toluene	10.1		"	10.0		101	80-127		2.63	30	
trans-1,2-Dichloroethylene	9.19		"	10.0		91.9	80-132		6.22	30	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131		1.87	30	
trans-1,4-dichloro-2-butene	9.34		"	10.0		93.4	63-141		4.38	30	
Trichloroethylene	9.37		"	10.0		93.7	82-128		4.49	30	
Trichlorofluoromethane	14.7		"	10.0		147	67-139	High Bias	10.9	30	
Vinyl Chloride	9.86		"	10.0		98.6	58-145		12.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.7*		*"*	*10.0*		*117*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20724 - EPA 3510C											
Blank (BI20724-BLK1)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
Aniline	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*25.0*		*74.5*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.7*		*"*	*25.0*		*94.7*	*30.7-106*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20724 - EPA 3510C											
Blank (BI20724-BLK2)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BI20724-BS1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
1,2,4-Trichlorobenzene	22.1	5.00	ug/L	25.0		88.5	20-118				
1,2-Dichlorobenzene	18.4	5.00	"	25.0		73.6	29-111				
1,3-Dichlorobenzene	17.8	5.00	"	25.0		71.0	23-117				
1,4-Dichlorobenzene	18.0	5.00	"	25.0		72.0	30-105				
2,4-Dinitrotoluene	29.4	5.00	"	25.0		118	41-128				
2,6-Dinitrotoluene	27.9	5.00	"	25.0		112	45-116				
2-Chloronaphthalene	21.4	5.00	"	25.0		85.7	33-112				
2-Methylnaphthalene	22.3	5.00	"	25.0		89.2	24-118				
2-Nitroaniline	24.7	5.00	"	25.0		98.7	34-129				
3,3-Dichlorobenzidine	11.0	5.00	"	25.0		43.8	15-187				
3-Nitroaniline	21.5	5.00	"	25.0		85.9	24-134				
4-Bromophenyl phenyl ether	23.9	5.00	"	25.0		95.6	34-120				
4-Chloroaniline	18.0	5.00	"	25.0		71.8	10-147				
4-Chlorophenyl phenyl ether	23.8	5.00	"	25.0		95.0	27-121				
4-Nitroaniline	23.7	5.00	"	25.0		94.9	13-134				
Aniline	12.2	5.00	"	25.0		48.9	10-117				
Benzyl butyl phthalate	21.5	5.00	"	25.0		86.2	29-133				
Bis(2-chloroethoxy)methane	22.3	5.00	"	25.0		89.3	10-154				
Bis(2-chloroethyl)ether	21.4	5.00	"	25.0		85.6	17-125				
Bis(2-chloroisopropyl)ether	27.2	5.00	"	25.0		109	10-139				
Carbazole	22.8	5.00	"	25.0		91.0	42-126				
Dibenzofuran	22.4	5.00	"	25.0		89.5	36-113				
Diethyl phthalate	22.9	5.00	"	25.0		91.6	38-115				
Dimethyl phthalate	23.1	5.00	"	25.0		92.5	38-129				
Di-n-butyl phthalate	22.4	5.00	"	25.0		89.4	31-120				
Di-n-octyl phthalate	22.1	5.00	"	25.0		88.4	21-149				
Hexachlorocyclopentadiene	18.3	10.0	"	25.0		73.2	10-130				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20724 - EPA 3510C											
LCS (BI20724-BS1)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
Isophorone	25.9	5.00	ug/L	25.0		104	25-127				
N-nitroso-di-n-propylamine	27.5	5.00	"	25.0		110	26-122				
N-Nitrosodiphenylamine	25.0	5.00	"	25.0		100	23-149				
Surrogate: SURR: Nitrobenzene-d5	*27.2*		*"*	*25.0*		*109*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.9*		*"*	*25.0*		*83.5*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*24.3*		*"*	*25.0*		*97.0*	*30.7-106*				
LCS (BI20724-BS2)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	25-116				
Acenaphthylene	1.00	0.0500	"	1.00		100	26-116				
Anthracene	0.560	0.0500	"	1.00		56.0	25-123				
Benzo(a)anthracene	0.690	0.0500	"	1.00		69.0	33-125				
Benzo(a)pyrene	0.500	0.0500	"	1.00		50.0	32-132				
Benzo(b)fluoranthene	0.670	0.0500	"	1.00		67.0	22-137				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-138				
Benzo(k)fluoranthene	0.630	0.0500	"	1.00		63.0	20-137				
Bis(2-ethylhexyl)phthalate	1.09	0.500	"	1.00		109	10-189				
Chrysene	0.660	0.0500	"	1.00		66.0	32-124				
Dibenzo(a,h)anthracene	0.850	0.0500	"	1.00		85.0	16-133				
Fluoranthene	0.790	0.0500	"	1.00		79.0	32-121				
Fluorene	0.720	0.0500	"	1.00		72.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	0.710	0.500	"	1.00		71.0	15-123				
Hexachloroethane	3.48	0.500	"	1.00		348	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.800	0.0500	"	1.00		80.0	15-135				
Naphthalene	0.710	0.0500	"	1.00		71.0	18-120				
Nitrobenzene	1.01	0.250	"	1.00		101	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Phenanthrene	0.680	0.0500	"	1.00		68.0	24-127				
Pyrene	0.710	0.0500	"	1.00		71.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20724 - EPA 3510C											
LCS Dup (BI20724-BSD1)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
1,2,4-Trichlorobenzene	18.4	5.00	ug/L	25.0		73.8	20-118		18.1	20	
1,2-Dichlorobenzene	16.2	5.00	"	25.0		64.9	29-111		12.6	20	
1,3-Dichlorobenzene	14.9	5.00	"	25.0		59.6	23-117		17.4	20	
1,4-Dichlorobenzene	15.3	5.00	"	25.0		61.1	30-105		16.3	20	
2,4-Dinitrotoluene	24.3	5.00	"	25.0		97.2	41-128		19.1	20	
2,6-Dinitrotoluene	23.8	5.00	"	25.0		95.0	45-116		16.0	20	
2-Chloronaphthalene	18.2	5.00	"	25.0		72.7	33-112		16.4	20	
2-Methylnaphthalene	18.2	5.00	"	25.0		72.6	24-118		20.5	20	Non-dir.
2-Nitroaniline	21.0	5.00	"	25.0		83.8	34-129		16.3	20	
3,3-Dichlorobenzidine	9.83	5.00	"	25.0		39.3	15-187		10.9	20	
3-Nitroaniline	18.8	5.00	"	25.0		75.3	24-134		13.2	20	
4-Bromophenyl phenyl ether	20.4	5.00	"	25.0		81.4	34-120		16.0	20	
4-Chloroaniline	17.1	5.00	"	25.0		68.3	10-147		5.08	20	
4-Chlorophenyl phenyl ether	20.3	5.00	"	25.0		81.1	27-121		15.8	20	
4-Nitroaniline	18.8	5.00	"	25.0		75.3	13-134		23.0	20	Non-dir.
Aniline	11.0	5.00	"	25.0		44.0	10-117		10.6	20	
Benzyl butyl phthalate	18.0	5.00	"	25.0		71.8	29-133		18.1	20	
Bis(2-chloroethoxy)methane	19.6	5.00	"	25.0		78.3	10-154		13.1	20	
Bis(2-chloroethyl)ether	17.7	5.00	"	25.0		70.6	17-125		19.2	20	
Bis(2-chloroisopropyl)ether	24.2	5.00	"	25.0		96.7	10-139		11.6	20	
Carbazole	18.9	5.00	"	25.0		75.6	42-126		18.5	20	
Dibenzofuran	18.8	5.00	"	25.0		75.3	36-113		17.2	20	
Diethyl phthalate	19.0	5.00	"	25.0		76.0	38-115		18.6	20	
Dimethyl phthalate	19.3	5.00	"	25.0		77.3	38-129		17.9	20	
Di-n-butyl phthalate	19.7	5.00	"	25.0		78.9	31-120		12.5	20	
Di-n-octyl phthalate	18.5	5.00	"	25.0		73.9	21-149		17.9	20	
Hexachlorocyclopentadiene	14.7	10.0	"	25.0		58.7	10-130		21.9	20	Non-dir.
Isophorone	22.3	5.00	"	25.0		89.1	25-127		15.1	20	
N-nitroso-di-n-propylamine	23.7	5.00	"	25.0		94.9	26-122		14.8	20	
N-Nitrosodiphenylamine	20.9	5.00	"	25.0		83.7	23-149		17.8	20	
Surrogate: SURR: Nitrobenzene-d5	*22.9*		*"*	*25.0*		*91.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*20.8*		*"*	*25.0*		*83.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20827 - EPA 3510C											
Blank (BI20827-BLK1)									Prepared & Analyzed: 09/16/2022		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
Aniline	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*21.0*		*"*	*25.0*		*84.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.7*		*"*	*25.0*		*71.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.2*		*"*	*25.0*		*92.9*	*30.7-106*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20827 - EPA 3510C											
Blank (BI20827-BLK2)									Prepared & Analyzed: 09/16/2022		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.700	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BI20827-BS1)									Prepared: 09/16/2022 Analyzed: 09/19/2022		
1,2,4-Trichlorobenzene	23.5	5.00	ug/L	25.0		94.1	20-118				
1,2-Dichlorobenzene	20.2	5.00	"	25.0		80.8	29-111				
1,3-Dichlorobenzene	19.2	5.00	"	25.0		76.9	23-117				
1,4-Dichlorobenzene	19.6	5.00	"	25.0		78.6	30-105				
2,4-Dinitrotoluene	33.1	5.00	"	25.0		132	41-128	High Bias			
2,6-Dinitrotoluene	31.2	5.00	"	25.0		125	45-116	High Bias			
2-Chloronaphthalene	24.5	5.00	"	25.0		98.0	33-112				
2-Methylnaphthalene	24.1	5.00	"	25.0		96.5	24-118				
2-Nitroaniline	27.4	5.00	"	25.0		110	34-129				
3,3-Dichlorobenzidine	13.6	5.00	"	25.0		54.4	15-187				
3-Nitroaniline	26.2	5.00	"	25.0		105	24-134				
4-Bromophenyl phenyl ether	25.2	5.00	"	25.0		101	34-120				
4-Chloroaniline	20.6	5.00	"	25.0		82.5	10-147				
4-Chlorophenyl phenyl ether	25.7	5.00	"	25.0		103	27-121				
4-Nitroaniline	27.5	5.00	"	25.0		110	13-134				
Aniline	18.3	5.00	"	25.0		73.2	10-117				
Benzyl butyl phthalate	22.5	5.00	"	25.0		89.9	29-133				
Bis(2-chloroethoxy)methane	24.0	5.00	"	25.0		96.2	10-154				
Bis(2-chloroethyl)ether	22.2	5.00	"	25.0		88.9	17-125				
Bis(2-chloroisopropyl)ether	30.2	5.00	"	25.0		121	10-139				
Carbazole	25.2	5.00	"	25.0		101	42-126				
Dibenzofuran	24.4	5.00	"	25.0		97.7	36-113				
Diethyl phthalate	25.4	5.00	"	25.0		101	38-115				
Dimethyl phthalate	25.5	5.00	"	25.0		102	38-129				
Di-n-butyl phthalate	24.2	5.00	"	25.0		96.8	31-120				
Di-n-octyl phthalate	23.9	5.00	"	25.0		95.4	21-149				
Hexachlorocyclopentadiene	18.6	10.0	"	25.0		74.6	10-130				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20827 - EPA 3510C											
LCS (BI20827-BS1)								Prepared: 09/16/2022 Analyzed: 09/19/2022			
Isophorone	28.3	5.00	ug/L	25.0		113	25-127				
N-nitroso-di-n-propylamine	29.8	5.00	"	25.0		119	26-122				
N-Nitrosodiphenylamine	26.3	5.00	"	25.0		105	23-149				
Surrogate: SURR: Nitrobenzene-d5	*29.6*		*"*	*25.0*		*118*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*24.2*		*"*	*25.0*		*96.6*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*26.1*		*"*	*25.0*		*105*	*30.7-106*				
LCS (BI20827-BS2)								Prepared & Analyzed: 09/16/2022			
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	25-116				
Acenaphthylene	0.630	0.0500	"	1.00		63.0	26-116				
Anthracene	0.570	0.0500	"	1.00		57.0	25-123				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.610	0.0500	"	1.00		61.0	32-132				
Benzo(b)fluoranthene	0.770	0.0500	"	1.00		77.0	22-137				
Benzo(g,h,i)perylene	0.980	0.0500	"	1.00		98.0	10-138				
Benzo(k)fluoranthene	0.780	0.0500	"	1.00		78.0	20-137				
Bis(2-ethylhexyl)phthalate	1.41	0.500	"	1.00		141	10-189				
Chrysene	0.700	0.0500	"	1.00		70.0	32-124				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	16-133				
Fluoranthene	0.800	0.0500	"	1.00		80.0	32-121				
Fluorene	0.700	0.0500	"	1.00		70.0	28-118				
Hexachlorobenzene	0.680	0.0200	"	1.00		68.0	23-124				
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	2.90	0.500	"	1.00		290	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.930	0.0500	"	1.00		93.0	15-135				
Naphthalene	0.660	0.0500	"	1.00		66.0	18-120				
Nitrobenzene	0.850	0.250	"	1.00		85.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Phenanthrene	0.700	0.0500	"	1.00		70.0	24-127				
Pyrene	0.660	0.0500	"	1.00		66.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20827 - EPA 3510C											
LCS Dup (BI20827-BSD1)							Prepared & Analyzed: 09/16/2022				
1,2,4-Trichlorobenzene	18.5	5.00	ug/L	25.0		73.8	20-118		24.1	20	Non-dir.
1,2-Dichlorobenzene	15.2	5.00	"	25.0		60.8	29-111		28.3	20	Non-dir.
1,3-Dichlorobenzene	14.8	5.00	"	25.0		59.0	23-117		26.3	20	Non-dir.
1,4-Dichlorobenzene	14.8	5.00	"	25.0		59.1	30-105		28.3	20	Non-dir.
2,4-Dinitrotoluene	25.2	5.00	"	25.0		101	41-128		27.2	20	Non-dir.
2,6-Dinitrotoluene	24.1	5.00	"	25.0		96.4	45-116		25.6	20	Non-dir.
2-Chloronaphthalene	18.2	5.00	"	25.0		72.8	33-112		29.5	20	Non-dir.
2-Methylnaphthalene	18.7	5.00	"	25.0		74.7	24-118		25.4	20	Non-dir.
2-Nitroaniline	21.0	5.00	"	25.0		84.0	34-129		26.5	20	Non-dir.
3,3-Dichlorobenzidine	11.3	5.00	"	25.0		45.1	15-187		18.7	20	
3-Nitroaniline	19.9	5.00	"	25.0		79.7	24-134		27.3	20	Non-dir.
4-Bromophenyl phenyl ether	20.5	5.00	"	25.0		82.1	34-120		20.4	20	Non-dir.
4-Chloroaniline	18.0	5.00	"	25.0		72.2	10-147		13.3	20	
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0		81.5	27-121		23.1	20	Non-dir.
4-Nitroaniline	21.5	5.00	"	25.0		85.9	13-134		24.7	20	Non-dir.
Aniline	14.7	5.00	"	25.0		58.8	10-117		21.8	20	Non-dir.
Benzyl butyl phthalate	18.2	5.00	"	25.0		73.0	29-133		20.7	20	Non-dir.
Bis(2-chloroethoxy)methane	19.2	5.00	"	25.0		76.7	10-154		22.6	20	Non-dir.
Bis(2-chloroethyl)ether	16.6	5.00	"	25.0		66.4	17-125		28.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	21.2	5.00	"	25.0		84.7	10-139		35.2	20	Non-dir.
Carbazole	20.3	5.00	"	25.0		81.0	42-126		21.7	20	Non-dir.
Dibenzofuran	18.8	5.00	"	25.0		75.2	36-113		26.1	20	Non-dir.
Diethyl phthalate	19.6	5.00	"	25.0		78.3	38-115		25.8	20	Non-dir.
Dimethyl phthalate	19.8	5.00	"	25.0		79.3	38-129		25.0	20	Non-dir.
Di-n-butyl phthalate	20.1	5.00	"	25.0		80.5	31-120		18.5	20	
Di-n-octyl phthalate	19.3	5.00	"	25.0		77.2	21-149		21.1	20	Non-dir.
Hexachlorocyclopentadiene	14.8	10.0	"	25.0		59.1	10-130		23.2	20	Non-dir.
Isophorone	22.1	5.00	"	25.0		88.5	25-127		24.4	20	Non-dir.
N-nitroso-di-n-propylamine	22.8	5.00	"	25.0		91.0	26-122		26.7	20	Non-dir.
N-Nitrosodiphenylamine	20.7	5.00	"	25.0		82.6	23-149		24.0	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*23.0*		*"*	*25.0*		*92.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.9*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.8*		*"*	*25.0*		*87.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20766 - EPA 3535A											
Blank (BI20766-BLK1)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.24*		*"*	*4.00*		*56.0*	*36.6-118*				
LCS (BI20766-BS1)								Prepared: 09/15/2022 Analyzed: 09/16/2022			
1,4-Dioxane	4.93	0.300	ug/L	4.00		123	50-130				
Surrogate: 1,4-Dioxane-d8	*2.08*		*"*	*4.00*		*52.0*	*36.6-118*				
Matrix Spike (BI20766-MS1)	*Source sample: 22I0453-02 (Matrix Spike)							Prepared: 09/15/2022 Analyzed: 09/16/2022			
1,4-Dioxane	4.61	0.300	ug/L	4.00	ND	115	50-130				
Surrogate: 1,4-Dioxane-d8	*2.08*		*"*	*4.00*		*52.0*	*50-130*				
Matrix Spike Dup (BI20766-MSD1)	*Source sample: 22I0453-02 (Matrix Spike Dup)							Prepared: 09/15/2022 Analyzed: 09/16/2022			
1,4-Dioxane	4.50	0.300	ug/L	4.00	ND	112	50-130		2.46	30	
Surrogate: 1,4-Dioxane-d8	*2.56*		*"*	*4.00*		*64.0*	*50-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
Blank (BI20511-BLK1)											
Prepared: 09/12/2022 Analyzed: 09/15/2022											
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*70.3*		"	*74.3*		*94.5*	*25-150*				
Surrogate: M5PFHxA	*87.5*		"	*80.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*83.2*		"	*80.0*		*104*	*25-150*				
Surrogate: M3PFHxS	*74.6*		"	*75.7*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*97.1*		"	*80.0*		*121*	*25-150*				
Surrogate: M6PFDA	*89.0*		"	*80.0*		*111*	*25-150*				
Surrogate: M7PFUdA	*78.3*		"	*80.0*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.3*		"	*80.0*		*90.3*	*25-150*				
Surrogate: M2PFTeDA	*59.5*		"	*80.0*		*74.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*84.9*		"	*80.0*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.2*		"	*76.6*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*81.9*		"	*80.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.4*		"	*80.0*		*48.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*80.5*		"	*80.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*74.7*		"	*80.0*		*93.4*	*25-150*				
Surrogate: M2-6:2 FTS	*64.4*		"	*75.9*		*84.9*	*25-200*				
Surrogate: M2-8:2 FTS	*87.4*		"	*76.6*		*114*	*25-200*				
Surrogate: M9PFNA	*87.2*		"	*80.0*		*109*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
LCS (BI20511-BS1)								Prepared: 09/12/2022 Analyzed: 09/15/2022			
Perfluorobutanesulfonic acid (PFBS)	68.8	2.00	ng/L	70.8		97.1	50-130				
Perfluorohexanoic acid (PFHxA)	76.8	2.00	"	80.0		96.0	50-130				
Perfluoroheptanoic acid (PFHpA)	72.6	2.00	"	80.0		90.7	50-130				
Perfluorohexanesulfonic acid (PFHxS)	63.2	2.00	"	72.8		86.9	50-130				
Perfluorooctanoic acid (PFOA)	65.6	2.00	"	80.0		82.0	50-130				
Perfluorooctanesulfonic acid (PFOS)	66.5	2.00	"	74.0		89.8	50-130				
Perfluorononanoic acid (PFNA)	76.2	2.00	"	80.0		95.3	50-130				
Perfluorodecanoic acid (PFDA)	79.7	2.00	"	80.0		99.6	50-130				
Perfluoroundecanoic acid (PFUnA)	86.3	2.00	"	80.0		108	50-130				
Perfluorododecanoic acid (PFDoA)	78.8	2.00	"	80.0		98.5	50-130				
Perfluorotridecanoic acid (PFTrDA)	70.6	2.00	"	80.0		88.3	50-130				
Perfluorotetradecanoic acid (PFTA)	84.9	2.00	"	80.0		106	50-130				
N-MeFOSAA	84.3	2.00	"	80.0		105	50-130				
N-EtFOSAA	80.2	2.00	"	80.0		100	50-130				
Perfluoropentanoic acid (PFPeA)	70.5	2.00	"	80.0		88.1	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	70.6	2.00	"	80.0		88.3	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	69.4	2.00	"	76.4		90.9	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	63.1	2.00	"	77.2		81.7	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	81.4	5.00	"	76.0		107	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	72.9	2.00	"	76.8		94.9	50-175				
Perfluoro-n-butanoic acid (PFBA)	76.2	2.00	"	80.0		95.2	50-130				
Surrogate: M3PFBS	*66.8*		"	*74.3*		*89.9*	*25-150*				
Surrogate: M5PFHxA	*81.7*		"	*80.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*84.9*		"	*80.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*79.6*		"	*75.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.7*		"	*80.0*		*120*	*25-150*				
Surrogate: M6PFDA	*78.7*		"	*80.0*		*98.3*	*25-150*				
Surrogate: M7PFUdA	*76.9*		"	*80.0*		*96.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.0*		"	*80.0*		*100*	*25-150*				
Surrogate: M2PFTeDA	*66.7*		"	*80.0*		*83.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.8*		"	*80.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.1*		"	*76.6*		*99.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.2*		"	*80.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*54.1*		"	*80.0*		*67.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*79.2*		"	*80.0*		*98.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*79.5*		"	*80.0*		*99.4*	*25-150*				
Surrogate: M2-6:2 FTS	*65.5*		"	*75.9*		*86.3*	*25-200*				
Surrogate: M2-8:2 FTS	*91.3*		"	*76.6*		*119*	*25-200*				
Surrogate: M9PFNA	*76.9*		"	*80.0*		*96.1*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20511 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BI20511-BSD1)									Prepared: 09/12/2022 Analyzed: 09/15/2022		
Perfluorobutanesulfonic acid (PFBS)	63.5	2.00	ng/L	70.8		89.7	50-130		7.95	30	
Perfluorohexanoic acid (PFHxA)	71.0	2.00	"	80.0		88.7	50-130		7.92	30	
Perfluoroheptanoic acid (PFHpA)	73.9	2.00	"	80.0		92.4	50-130		1.80	30	
Perfluorohexanesulfonic acid (PFHxS)	59.9	2.00	"	72.8		82.3	50-130		5.40	30	
Perfluorooctanoic acid (PFOA)	60.9	2.00	"	80.0		76.2	50-130		7.41	30	
Perfluorooctanesulfonic acid (PFOS)	62.9	2.00	"	74.0		84.9	50-130		5.58	30	
Perfluorononanoic acid (PFNA)	64.1	2.00	"	80.0		80.1	50-130		17.4	30	
Perfluorodecanoic acid (PFDA)	68.3	2.00	"	80.0		85.4	50-130		15.4	30	
Perfluoroundecanoic acid (PFUnA)	70.8	2.00	"	80.0		88.5	50-130		19.8	30	
Perfluorododecanoic acid (PFDoA)	73.1	2.00	"	80.0		91.4	50-130		7.45	30	
Perfluorotridecanoic acid (PFTrDA)	59.4	2.00	"	80.0		74.3	50-130		17.3	30	
Perfluorotetradecanoic acid (PFTA)	77.6	2.00	"	80.0		97.0	50-130		8.99	30	
N-MeFOSAA	74.9	2.00	"	80.0		93.6	50-130		11.8	30	
N-EtFOSAA	63.2	2.00	"	80.0		79.0	50-130		23.8	30	
Perfluoropentanoic acid (PFPeA)	69.0	2.00	"	80.0		86.3	50-130		2.14	30	
Perfluoro-1-octanesulfonamide (FOSA)	63.5	2.00	"	80.0		79.4	50-130		10.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	64.2	2.00	"	76.4		84.1	50-130		7.78	30	
Perfluoro-1-decanesulfonic acid (PFDS)	59.6	2.00	"	77.2		77.2	50-130		5.71	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.1	5.00	"	76.0		97.5	50-175		9.31	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	57.8	2.00	"	76.8		75.3	50-175		23.0	30	
Perfluoro-n-butanoic acid (PFBA)	70.6	2.00	"	80.0		88.3	50-130		7.57	30	
Surrogate: M3PFBS	*67.5*		"	*74.3*		*90.8*	*25-150*				
Surrogate: M5PFHxA	*82.9*		"	*80.0*		*104*	*25-150*				
Surrogate: M4PFHpA	*80.7*		"	*80.0*		*101*	*25-150*				
Surrogate: M3PFHxS	*77.0*		"	*75.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*100*		"	*80.0*		*125*	*25-150*				
Surrogate: M6PFDA	*87.4*		"	*80.0*		*109*	*25-150*				
Surrogate: M7PFUdA	*84.7*		"	*80.0*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.9*		"	*80.0*		*98.6*	*25-150*				
Surrogate: M2PFTeDA	*62.5*		"	*80.0*		*78.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*95.4*		"	*80.0*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.4*		"	*76.6*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.4*		"	*80.0*		*97.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*47.4*		"	*80.0*		*59.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.4*		"	*80.0*		*93.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.5*		"	*80.0*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		"	*75.9*		*86.1*	*25-200*				
Surrogate: M2-8:2 FTS	*90.5*		"	*76.6*		*118*	*25-200*				
Surrogate: M9PFNA	*88.8*		"	*80.0*		*111*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
Blank (BI20471-BLK1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.200*		*83.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.200*		*71.9*	*30-150*				
LCS (BI20471-BS1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	0.0755	0.00400	ug/L	0.100		75.5	40-140				
4,4'-DDE	0.0851	0.00400	"	0.100		85.1	40-140				
4,4'-DDT	0.0704	0.00400	"	0.100		70.4	40-140				
Aldrin	0.0609	0.00400	"	0.100		60.9	40-140				
alpha-BHC	0.0578	0.00400	"	0.100		57.8	40-140				
alpha-Chlordane	0.0607	0.00400	"	0.100		60.7	40-140				
beta-BHC	0.0743	0.00400	"	0.100		74.3	40-140				
delta-BHC	0.0493	0.00400	"	0.100		49.3	40-140				
Dieldrin	0.0629	0.00200	"	0.100		62.9	40-140				
Endosulfan I	0.0528	0.00400	"	0.100		52.8	40-140				
Endosulfan II	0.0573	0.00400	"	0.100		57.3	40-140				
Endosulfan sulfate	0.0588	0.00400	"	0.100		58.8	40-140				
Endrin	0.0691	0.00400	"	0.100		69.1	40-140				
Endrin aldehyde	0.0641	0.0100	"	0.100		64.1	40-140				
Endrin ketone	0.0658	0.0100	"	0.100		65.8	40-140				
gamma-BHC (Lindane)	0.0615	0.00400	"	0.100		61.5	40-140				
gamma-Chlordane	0.0657	0.0100	"	0.100		65.7	40-140				
Heptachlor	0.0645	0.00400	"	0.100		64.5	40-140				
Heptachlor epoxide	0.0645	0.00400	"	0.100		64.5	40-140				
Methoxychlor	0.105	0.00400	"	0.100		105	40-140				
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.200*		*65.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
LCS Dup (BI20471-BSD1)									Prepared: 09/12/2022 Analyzed: 09/19/2022		
4,4'-DDD	0.0881	0.00400	ug/L	0.100		88.1	40-140		15.4	20	
4,4'-DDE	0.0979	0.00400	"	0.100		97.9	40-140		14.0	20	
4,4'-DDT	0.0819	0.00400	"	0.100		81.9	40-140		15.2	20	
Aldrin	0.0687	0.00400	"	0.100		68.7	40-140		12.1	20	
alpha-BHC	0.0659	0.00400	"	0.100		65.9	40-140		13.1	20	
alpha-Chlordane	0.0690	0.00400	"	0.100		69.0	40-140		12.9	20	
beta-BHC	0.0850	0.00400	"	0.100		85.0	40-140		13.4	20	
delta-BHC	0.0594	0.00400	"	0.100		59.4	40-140		18.6	20	
Dieldrin	0.0723	0.00200	"	0.100		72.3	40-140		13.9	20	
Endosulfan I	0.0586	0.00400	"	0.100		58.6	40-140		10.5	20	
Endosulfan II	0.0667	0.00400	"	0.100		66.7	40-140		15.1	20	
Endosulfan sulfate	0.0679	0.00400	"	0.100		67.9	40-140		14.5	20	
Endrin	0.0804	0.00400	"	0.100		80.4	40-140		15.1	20	
Endrin aldehyde	0.0726	0.0100	"	0.100		72.6	40-140		12.3	20	
Endrin ketone	0.0749	0.0100	"	0.100		74.9	40-140		13.0	20	
gamma-BHC (Lindane)	0.0706	0.00400	"	0.100		70.6	40-140		13.8	20	
gamma-Chlordane	0.0741	0.0100	"	0.100		74.1	40-140		12.0	20	
Heptachlor	0.0733	0.00400	"	0.100		73.3	40-140		12.9	20	
Heptachlor epoxide	0.0735	0.00400	"	0.100		73.5	40-140		13.0	20	
Methoxychlor	0.118	0.00400	"	0.100		118	40-140		11.6	20	
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*71.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.6*	*30-150*				
Batch BI20722 - EPA SW846-3510C Low Level											
Blank (BI20722-BLK1)									Prepared: 09/15/2022 Analyzed: 09/19/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.200*		*83.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.200*		*69.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20722 - EPA SW846-3510C Low Level											
LCS (BI20722-BS1)								Prepared: 09/15/2022 Analyzed: 09/19/2022			
4,4'-DDD	0.0881	0.00400	ug/L	0.100		88.1	40-140				
4,4'-DDE	0.102	0.00400	"	0.100		102	40-140				
4,4'-DDT	0.0804	0.00400	"	0.100		80.4	40-140				
Aldrin	0.0729	0.00400	"	0.100		72.9	40-140				
alpha-BHC	0.0678	0.00400	"	0.100		67.8	40-140				
alpha-Chlordane	0.0724	0.00400	"	0.100		72.4	40-140				
beta-BHC	0.0868	0.00400	"	0.100		86.8	40-140				
delta-BHC	0.0616	0.00400	"	0.100		61.6	40-140				
Dieldrin	0.0746	0.00200	"	0.100		74.6	40-140				
Endosulfan I	0.0634	0.00400	"	0.100		63.4	40-140				
Endosulfan II	0.0679	0.00400	"	0.100		67.9	40-140				
Endosulfan sulfate	0.0684	0.00400	"	0.100		68.4	40-140				
Endrin	0.0825	0.00400	"	0.100		82.5	40-140				
Endrin aldehyde	0.0756	0.0100	"	0.100		75.6	40-140				
Endrin ketone	0.0733	0.0100	"	0.100		73.3	40-140				
gamma-BHC (Lindane)	0.0752	0.00400	"	0.100		75.2	40-140				
gamma-Chlordane	0.0739	0.0100	"	0.100		73.9	40-140				
Heptachlor	0.0777	0.00400	"	0.100		77.7	40-140				
Heptachlor epoxide	0.0785	0.00400	"	0.100		78.5	40-140				
Methoxychlor	0.115	0.00400	"	0.100		115	40-140				
Surrogate: Decachlorobiphenyl	*0.125*		*"*	*0.200*		*62.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.160*		*"*	*0.200*		*80.2*	*30-150*				
LCS Dup (BI20722-BSD1)								Prepared: 09/15/2022 Analyzed: 09/19/2022			
4,4'-DDD	0.0858	0.00400	ug/L	0.100		85.8	40-140		2.63	20	
4,4'-DDE	0.0989	0.00400	"	0.100		98.9	40-140		2.61	20	
4,4'-DDT	0.0774	0.00400	"	0.100		77.4	40-140		3.85	20	
Aldrin	0.0736	0.00400	"	0.100		73.6	40-140		0.883	20	
alpha-BHC	0.0705	0.00400	"	0.100		70.5	40-140		3.92	20	
alpha-Chlordane	0.0722	0.00400	"	0.100		72.2	40-140		0.275	20	
beta-BHC	0.0891	0.00400	"	0.100		89.1	40-140		2.64	20	
delta-BHC	0.0630	0.00400	"	0.100		63.0	40-140		2.28	20	
Dieldrin	0.0733	0.00200	"	0.100		73.3	40-140		1.66	20	
Endosulfan I	0.0630	0.00400	"	0.100		63.0	40-140		0.614	20	
Endosulfan II	0.0655	0.00400	"	0.100		65.5	40-140		3.55	20	
Endosulfan sulfate	0.0670	0.00400	"	0.100		67.0	40-140		2.09	20	
Endrin	0.0807	0.00400	"	0.100		80.7	40-140		2.16	20	
Endrin aldehyde	0.0695	0.0100	"	0.100		69.5	40-140		8.45	20	
Endrin ketone	0.0702	0.0100	"	0.100		70.2	40-140		4.25	20	
gamma-BHC (Lindane)	0.0766	0.00400	"	0.100		76.6	40-140		1.83	20	
gamma-Chlordane	0.0739	0.0100	"	0.100		73.9	40-140		0.0812	20	
Heptachlor	0.0790	0.00400	"	0.100		79.0	40-140		1.59	20	
Heptachlor epoxide	0.0782	0.00400	"	0.100		78.2	40-140		0.383	20	
Methoxychlor	0.109	0.00400	"	0.100		109	40-140		5.53	20	
Surrogate: Decachlorobiphenyl	*0.0920*		*"*	*0.200*		*46.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.156*		*"*	*0.200*		*78.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20471 - EPA SW846-3510C Low Level											
Blank (BI20471-BLK2)								Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.195*		*"*	*0.200*		*97.5*	*30-120*				
LCS (BI20471-BS2)								Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.738	0.0500	ug/L	1.00		73.8	40-120				
Aroclor 1260	0.883	0.0500	"	1.00		88.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.195*		*"*	*0.200*		*97.5*	*30-120*				
Matrix Spike (BI20471-MS2)	*Source sample: 22I0366-05 (Matrix Spike)							Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.331	0.0500	ug/L	1.00	ND	33.1	40-140	Low Bias			
Aroclor 1260	0.380	0.0500	"	1.00	ND	38.0	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.104*		*"*	*0.200*		*52.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0830*		*"*	*0.200*		*41.5*	*30-120*				
Matrix Spike Dup (BI20471-MSD2)	*Source sample: 22I0366-05 (Matrix Spike Dup)							Prepared: 09/12/2022 Analyzed: 09/13/2022			
Aroclor 1016	0.520	0.0500	ug/L	1.00	ND	52.0	40-140		44.4	50	
Aroclor 1260	0.581	0.0500	"	1.00	ND	58.1	40-140		41.8	50	
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.200*		*69.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.200*		*58.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20722 - EPA SW846-3510C Low Level											
Blank (BI20722-BLK2)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.200*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.210*		*"*	*0.200*		*105*	*30-120*				
LCS (BI20722-BS2)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
Aroclor 1016	0.791	0.0500	ug/L	1.00		79.1	40-120				
Aroclor 1260	0.819	0.0500	"	1.00		81.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.160*		*"*	*0.200*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.200*		*72.0*	*30-120*				
LCS Dup (BI20722-BSD2)									Prepared: 09/15/2022 Analyzed: 09/16/2022		
Aroclor 1016	0.748	0.0500	ug/L	1.00		74.8	40-120		5.62	30	
Aroclor 1260	0.822	0.0500	"	1.00		82.2	40-120		0.317	30	
Surrogate: Tetrachloro-m-xylene	*0.163*		*"*	*0.200*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.177*		*"*	*0.200*		*88.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Blank (BI20586-BLK1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.125	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BI20586-BS1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	1.78		ug/mL	2.00		88.8	80-120				
Barium	2.10		"	2.00		105	80-120				
Calcium	0.898		"	1.00		89.8	80-120				
Chromium	0.202		"	0.200		101	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.257		"	0.250		103	80-120				
Iron	1.01		"	1.00		101	80-120				
Lead	0.489		"	0.500		97.8	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.526		"	0.500		105	80-120				
Nickel	0.493		"	0.500		98.5	80-120				
Potassium	0.998		"	1.00		99.8	80-120				
Silver	0.0494		"	0.0500		98.9	80-120				
Sodium	1.59		"	1.00		159	80-120	High Bias			
Vanadium	0.515		"	0.500		103	80-120				
Zinc	0.518		"	0.500		104	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Duplicate (BI20586-DUP1)	*Source sample: 22I0574-12 (Duplicate)								Prepared: 09/13/2022 Analyzed: 09/14/2022		
Aluminum	0.141	0.0556	mg/L		0.0986				35.4	20	Non-dir.
Barium	ND	0.0278	"		ND					20	
Calcium	ND	0.0556	"		ND					20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	0.0226	0.00556	"		0.0202				11.3	20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0506	0.0278	"		0.0415				19.9	20	
Matrix Spike (BI20586-MS1)	*Source sample: 22I0574-12 (Matrix Spike)								Prepared: 09/13/2022 Analyzed: 09/14/2022		
Aluminum	2.01	0.0556	mg/L	2.22	0.0986	86.1	75-125				
Barium	2.39	0.0278	"	2.22	ND	108	75-125				
Calcium	1.00	0.0556	"	1.11	ND	90.3	75-125				
Chromium	0.226	0.00556	"	0.222	ND	102	75-125				
Cobalt	0.564	0.00444	"	0.556	ND	101	75-125				
Copper	0.286	0.0222	"	0.278	ND	103	75-125				
Iron	1.15	0.278	"	1.11	ND	103	75-125				
Lead	0.548	0.00556	"	0.556	0.0202	94.9	75-125				
Magnesium	1.16	0.0556	"	1.11	ND	104	75-125				
Manganese	0.597	0.00556	"	0.556	ND	107	75-125				
Nickel	0.538	0.0111	"	0.556	ND	96.8	75-125				
Potassium	1.23	0.0556	"	1.11	ND	111	75-125				
Silver	0.0557	0.00556	"	0.0556	ND	100	75-125				
Sodium	1.79	0.556	"	1.11	ND	162	75-125	High Bias			
Vanadium	0.582	0.0111	"	0.556	ND	105	75-125				
Zinc	0.569	0.0278	"	0.556	0.0415	95.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Post Spike (BI20586-PS1)	*Source sample: 22I0574-12 (Post Spike)							Prepared: 09/13/2022 Analyzed: 09/14/2022			
Aluminum	2.07		ug/mL	2.00	0.0888	99.1	75-125				
Barium	2.40		"	2.00	0.000946	120	75-125				
Calcium	0.964		"	1.00	-0.0528	96.4	75-125				
Chromium	0.226		"	0.200	-0.00126	113	75-125				
Cobalt	0.651		"	0.500	-0.000841	130	75-125	High Bias			
Copper	0.290		"	0.250	-0.00501	116	75-125				
Iron	1.14		"	1.00	0.0100	113	75-125				
Lead	0.633		"	0.500	0.0182	123	75-125				
Magnesium	1.14		"	1.00	0.0105	113	75-125				
Manganese	0.598		"	0.500	0.000680	119	75-125				
Nickel	0.613		"	0.500	-0.0145	123	75-125				
Potassium	0.848		"	1.00	0.00620	84.2	75-125				
Silver	0.0377		"	0.0500	0.00333	68.7	75-125	Low Bias			
Sodium	2.09		"	1.00	-0.0354	209	75-125	High Bias			
Vanadium	0.582		"	0.500	-0.000375	116	75-125				
Zinc	0.657		"	0.500	0.0373	124	75-125				
Batch BI20971 - EPA 3015A											
Blank (BI20971-BLK1)								Prepared: 09/20/2022 Analyzed: 09/22/2022			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	0.195	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20971 - EPA 3015A											
LCS (BI20971-BS1)								Prepared: 09/20/2022 Analyzed: 09/22/2022			
Aluminum - Dissolved	1.72		ug/mL	2.00		85.9	80-120				
Barium - Dissolved	2.06		"	2.00		103	80-120				
Calcium - Dissolved	0.897		"	1.00		89.7	80-120				
Chromium - Dissolved	0.200		"	0.200		100	80-120				
Cobalt - Dissolved	0.520		"	0.500		104	80-120				
Copper - Dissolved	0.258		"	0.250		103	80-120				
Iron - Dissolved	1.02		"	1.00		102	80-120				
Lead - Dissolved	0.524		"	0.500		105	80-120				
Magnesium - Dissolved	0.986		"	1.00		98.6	80-120				
Manganese - Dissolved	0.514		"	0.500		103	80-120				
Nickel - Dissolved	0.505		"	0.500		101	80-120				
Potassium - Dissolved	0.711		"	1.00		71.1	80-120	Low Bias			
Silver - Dissolved	0.0498		"	0.0500		99.7	80-120				
Sodium - Dissolved	1.07		"	1.00		107	80-120				
Vanadium - Dissolved	0.499		"	0.500		99.8	80-120				
Zinc - Dissolved	0.493		"	0.500		98.5	80-120				
Duplicate (BI20971-DUP1)	*Source sample: 22I0530-02 (MW-5)							Prepared: 09/20/2022 Analyzed: 09/22/2022			
Aluminum - Dissolved	ND	0.0556	mg/L		146					20	
Barium - Dissolved	0.235	0.0278	"		3.17				172	20	Non-dir.
Calcium - Dissolved	172	0.0556	"		734				124	20	Non-dir.
Chromium - Dissolved	ND	0.00556	"		0.339					20	
Cobalt - Dissolved	0.0183	0.00444	"		0.238				171	20	Non-dir.
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	1.20	0.278	"		230				198	20	Non-dir.
Lead - Dissolved	0.0240	0.00556	"		9.23				199	20	Non-dir.
Magnesium - Dissolved	25.6	0.0556	"		47.8				60.4	20	Non-dir.
Manganese - Dissolved	0.789	0.00556	"		5.07				146	20	Non-dir.
Nickel - Dissolved	0.596	0.0111	"		1.99				108	20	Non-dir.
Potassium - Dissolved	32.1	0.0556	"		53.3				49.6	20	Non-dir.
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	127	0.556	"		166				26.6	20	Non-dir.
Vanadium - Dissolved	0.295	0.0111	"		9.88				188	20	Non-dir.
Zinc - Dissolved	0.127	0.0278	"		11.7				196	20	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20971 - EPA 3015A											
Matrix Spike (BI20971-MS1)	*Source sample: 22I0530-02 (MW-5)							Prepared: 09/20/2022 Analyzed: 09/22/2022			
Barium - Dissolved	2.50	0.0278	mg/L	2.22	3.17	NR	75-125	Low Bias			
Chromium - Dissolved	0.221	0.00556	"	0.222	0.339	NR	75-125	Low Bias			
Cobalt - Dissolved	0.584	0.00444	"	0.556	0.238	62.3	75-125	Low Bias			
Copper - Dissolved	0.306	0.0222	"	0.278	ND	110	75-125				
Iron - Dissolved	1.99	0.278	"	1.11	230	NR	75-125	Low Bias			
Lead - Dissolved	0.602	0.00556	"	0.556	9.23	NR	75-125	Low Bias			
Manganese - Dissolved	1.35	0.00556	"	0.556	5.07	NR	75-125	Low Bias			
Nickel - Dissolved	1.13	0.0111	"	0.556	1.99	NR	75-125	Low Bias			
Silver - Dissolved	0.0538	0.00556	"	0.0556	ND	96.9	75-125				
Vanadium - Dissolved	0.843	0.0111	"	0.556	9.88	NR	75-125	Low Bias			
Zinc - Dissolved	0.670	0.0278	"	0.556	11.7	NR	75-125	Low Bias			
Post Spike (BI20971-PS1)	*Source sample: 22I0530-02 (MW-5)							Prepared: 09/20/2022 Analyzed: 09/22/2022			
Aluminum - Dissolved	133		ug/mL	2.00	132	59.2	75-125	Low Bias			
Barium - Dissolved	5.07		"	2.00	2.85	111	75-125				
Calcium - Dissolved	664		"	1.00	661	328	75-125	High Bias			
Chromium - Dissolved	0.515		"	0.200	0.305	105	75-125				
Cobalt - Dissolved	0.765		"	0.500	0.214	110	75-125				
Copper - Dissolved	0.288		"	0.250	-0.00766	115	75-125				
Iron - Dissolved	207		"	1.00	207	48.3	75-125	Low Bias			
Lead - Dissolved	8.86		"	0.500	8.31	112	75-125				
Magnesium - Dissolved	44.3		"	1.00	43.0	126	75-125	High Bias			
Manganese - Dissolved	5.08		"	0.500	4.56	103	75-125				
Nickel - Dissolved	2.35		"	0.500	1.79	112	75-125				
Potassium - Dissolved	52.1		"	1.00	48.0	411	75-125	High Bias			
Silver - Dissolved	0.0109		"	0.0500	-0.0207	21.7	75-125	Low Bias			
Sodium - Dissolved	148		"	1.00	149	NR	75-125	Low Bias			
Vanadium - Dissolved	9.39		"	0.500	8.90	99.7	75-125				
Zinc - Dissolved	11.0		"	0.500	10.5	103	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20784 - EPA 3015A											
Blank (BI20784-BLK1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BI20784-BS1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	43.9		ug/L	50.0		87.7	80-120				
Arsenic - Dissolved	48.2		"	50.0		96.4	80-120				
Beryllium - Dissolved	50.8		"	50.0		102	80-120				
Cadmium - Dissolved	48.5		"	50.0		97.1	80-120				
Selenium - Dissolved	51.6		"	50.0		103	80-120				
Thallium - Dissolved	47.0		"	50.0		94.0	80-120				
Duplicate (BI20784-DUP1)	*Source sample: 22H1796-01 (Duplicate)										Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	1.99	1.11	ug/L		2.00				0.677	20	
Arsenic - Dissolved	1.18	1.11	"		1.26				6.29	20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	15.9	1.11	"		14.8				6.98	20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BI20784-MS1)	*Source sample: 22H1796-01 (Matrix Spike)										Prepared: 09/15/2022 Analyzed: 09/16/2022
Antimony - Dissolved	56.2		ug/L	50.0	1.80	109	75-125				
Arsenic - Dissolved	54.9		"	50.0	1.13	108	75-125				
Beryllium - Dissolved	43.5		"	50.0	-0.0005	86.9	75-125				
Cadmium - Dissolved	57.1		"	50.0	0.153	114	75-125				
Selenium - Dissolved	71.1		"	50.0	13.3	115	75-125				
Thallium - Dissolved	43.6		"	50.0	0.038	87.1	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20903 - EPA 3015A											
Blank (BI20903-BLK1)										Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BI20903-BS1)										Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	46.7		ug/L	50.0		93.4	80-120				
Arsenic	51.4		"	50.0		103	80-120				
Beryllium	47.2		"	50.0		94.4	80-120				
Cadmium	48.3		"	50.0		96.6	80-120				
Selenium	52.6		"	50.0		105	80-120				
Thallium	53.3		"	50.0		107	80-120				
Duplicate (BI20903-DUP1)	*Source sample: 22I0891-13 (Duplicate)									Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	1.32	1.11	"		1.64				21.1	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BI20903-MS1)	*Source sample: 22I0891-13 (Matrix Spike)									Prepared: 09/19/2022 Analyzed: 09/22/2022	
Antimony	47.4		ug/L	50.0	-0.197	94.8	75-125				
Arsenic	53.2		"	50.0	0.010	106	75-125				
Beryllium	46.7		"	50.0	-0.017	93.3	75-125				
Cadmium	43.1		"	50.0	-0.027	86.2	75-125				
Selenium	50.1		"	50.0	1.47	97.3	75-125				
Thallium	53.5		"	50.0	-0.096	107	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21007 - EPA 3015A											
Blank (BI21007-BLK1)										Prepared: 09/20/2022 Analyzed: 09/22/2022	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BI21007-BS1)										Prepared: 09/20/2022 Analyzed: 09/22/2022	
Antimony - Dissolved	48.1		ug/L	50.0		96.1	80-120				
Arsenic - Dissolved	52.5		"	50.0		105	80-120				
Beryllium - Dissolved	48.9		"	50.0		97.9	80-120				
Cadmium - Dissolved	44.9		"	50.0		89.8	80-120				
Selenium - Dissolved	49.3		"	50.0		98.6	80-120				
Thallium - Dissolved	53.7		"	50.0		107	80-120				
Duplicate (BI21007-DUP1)	*Source sample: 22I0530-03 (MW-6)									Prepared: 09/20/2022 Analyzed: 09/22/2022	
Antimony - Dissolved	2.97	1.11	ug/L		ND					20	
Arsenic - Dissolved	8.08	1.11	"		136				178	20	Non-dir.
Beryllium - Dissolved	ND	0.333	"		1.78					20	
Cadmium - Dissolved	ND	0.556	"		2.64					20	
Selenium - Dissolved	6.18	1.11	"		62.3				164	20	Non-dir.
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BI21007-MS1)	*Source sample: 22I0530-03 (MW-6)									Prepared: 09/20/2022 Analyzed: 09/22/2022	
Antimony - Dissolved	52.2		ug/L	50.0	0.317	104	75-125				
Arsenic - Dissolved	60.4		"	50.0	122	NR	75-125	Low Bias			
Beryllium - Dissolved	33.2		"	50.0	1.61	63.1	75-125	Low Bias			
Cadmium - Dissolved	54.0		"	50.0	2.38	103	75-125				
Selenium - Dissolved	60.3		"	50.0	56.0	8.44	75-125	Low Bias			
Thallium - Dissolved	50.9		"	50.0	0.277	101	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20716 - EPA SW846-7470A											
Blank (BI20716-BLK1)								Prepared & Analyzed: 09/14/2022			
Mercury	ND	0.0002	mg/L								
LCS (BI20716-BS1)								Prepared & Analyzed: 09/14/2022			
Mercury	0.0019934	0.0002	mg/L	0.00200		99.7	80-120				
LCS (BI20716-BS2)								Prepared & Analyzed: 09/14/2022			
Mercury	0.0020345	0.0002	mg/L	0.00200		102	80-120				
Batch BI20805 - EPA SW846-7470A											
Blank (BI20805-BLK1)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BI20805-BS1)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				
LCS (BI20805-BS2)								Prepared & Analyzed: 09/15/2022			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200		103	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20754 - Analysis Preparation											
Blank (BI20754-BLK1)								Prepared & Analyzed: 09/15/2022			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BI20754-BS1)								Prepared & Analyzed: 09/15/2022			
Chromium, Hexavalent	0.492	0.0100	mg/L	0.500		98.4	80-120				
Duplicate (BI20754-DUP1)	*Source sample: 22I0530-01 (MW-4)							Prepared & Analyzed: 09/15/2022			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BI20754-MS1)	*Source sample: 22I0530-01 (MW-4)							Prepared & Analyzed: 09/15/2022			
Chromium, Hexavalent	0.525	0.0100	mg/L	0.500	ND	105	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22I0530-01	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0530-02	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0530-03	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0530-04	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22I0530-05	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: One 1L amber for sample MW-7 was received broken. 1L used for Pest/PCB extraction. The lab was instructed to cancel 1,4-Dioxane and use for SVOCs (500mL). Hex chrome missed. The lab was instructed to proceed with out of hold analysis for these samples.

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

Field Chain-of-Custody Record

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

YORK Project No. 22J0530

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Hydrotech Environmental	Company: Same	Company: same	220058	RUSH - Next Day
Address: 231 West 29th St, New York, NY 10001	Address:	Address:	YOUR Project Name: 601-607 Union St, Brooklyn, NY	RUSH - Two Day
Phone: (631) 462-5886	Phone:	Phone:		RUSH - Three Day
Contact: Ruijie Xu	Contact:	Contact:		RUSH - Four Day ✓
E-mail: rxu@hydrotechenvironmental.com	E-mail:	E-mail:	YOUR PO#: 52931	Standard (5-7 Day)

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

Ammarah Zaidi

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

AZ

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
GQS

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-4	GW	9/9/22 9:30AM	VOCs, SVOCs (8270), Pesticides, PCBs, herbicides, TAL Metals (Cr3+ & 6+ Included) + Emerging contaminants (total dissolved for TAL Metals)	4 amber liters + 1 500mL amber + 3 vials + 3 plastic + 250mL bottle (4 HNO3) + 2 PFAs
MW-5	↓	10:15AM	↓	↓
MW-6		10:45AM		
MW-7		11:15AM		
MW-8		12:10PM		

Comments:
2 amber liters for MW7 not filled due to insufficient recovery volume

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

Special Instruction
Field Filtered ___
Lab to Filter ✓

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ammarah Zaidi / HTE	9/9/22	Sabal / York	0909 207	Sabal / York	2030
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				[signature]	9/9/22 2030 — 6.0 Degrees C

APPENDIX B

GEOPHYSICAL SURVEY REPORT

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

601 Union Street, Brooklyn, NY
Date of Investigation: 7/1/2025

Prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York, NY 10018

Prepared By:

Eric Schnopp
GPR Technican
Coastal Environmental Solutions, Inc.
PO Box 342
Medford, New York 11763

1.0 INTRODUCTION

On 7/1/2025, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited Geophysical Investigation at 601 Union Street, Brooklyn, NY. The areas of interest included the inside of the office building located at the above address, and the adjacent parking lot. Surface conditions consisted of concrete and asphalt.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities and other subsurface features in client-indicated investigation areas to clear proposed soil boring and vapor locations.

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the transmitter. Once the induced EM field passes through a buried metallic object, it generates a

secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed in close proximity to the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel directly connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. (If applicable) The TW-6 was utilized to sweep accessible areas around suspected UST locations in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspected locations were scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation/Limits of Investigation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation, Slurry Lines, Reclaimed Water
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Geophysical Investigation

Coastal personnel conducted a limited Geophysical Investigation within all areas of concern as indicated by the client. Coastal visually identified all surface features related to utilities during our initial investigation of the property. Within the sidewalk on the north and east sides of the property, including electric, natural gas, and sanitary, and water. Once entering the building all utilities connected overhead except the waterline which was marked in blue paint. A sump pump line and multiple drains were also detected and marked out inside of the building. In the open parking lot,

site lighting was detected at 2ft blgs. It was marked out in red paint and labeled S.L. A vault was detected on the sidewalk next to the business, but no signs of a UST were detected. The client had documentation of a proposed UST on site, while the vault was detected no traces of a UST were discovered. All the boring and vapor locations were cleared and safe prior to drilling activities.

Limitations

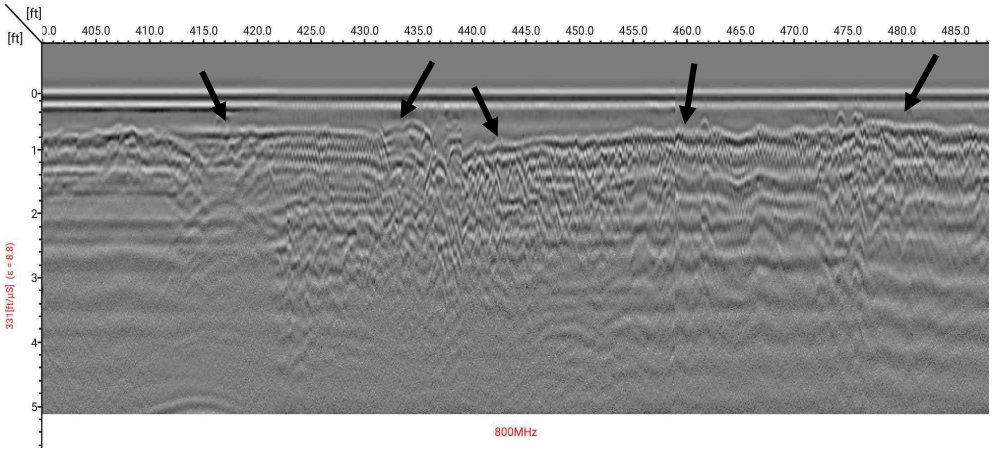
The effective depth of GPR penetration was limited to approximately 3.5 feet below the concrete and asphalt grade surfaces. The limiting factor was due to soil conductivity attenuating the GPR signal. The GPR and TW-6 were unable to be utilized within close proximity to parked vehicles and exterior walls. TW-6 was also unable to be utilized over metal-reinforced concrete.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS

Photo 1- SB-1 located in the open parking lot.



GPR Screenshot 1 – Photo of the interior of the building a sump pump line is visible shallow at 1ft blgs.

Photo 2 – Gas service line detected on the sidewalk next to the office building.

Photo 3 – View of the sewer piping on the northeast side of the building.

Photo 4 – Detected site lighting on the northeast side of the building.

Photo 5 – Waterline connected overhead once inside the building.

Photo 6- View of the detected vault on the northeast sidewalk.

APPENDIX C

SOIL BORING LOGS

vEKtor consultants

BORING AND WELL LOG LEGEND

SURFACE
- ASPHALT
- CONCRETE
- FILL
- TOPSOIL
- AIR
- ICE

USCS
- Well-graded GRAVEL (GW)
- Poorly graded GRAVEL (GP)
- Silty GRAVEL (GM)
- Clayey GRAVEL (GC)
- Silty, Clayey GRAVEL (GC-GM)
- Well-graded GRAVEL with silt (GW-GM)
- Poorly graded GRAVEL with silt (GP-GM)
- Well-graded GRAVEL with clay (GW-GC)
- Poorly graded GRAVEL with clay (GP-GC)
- Well-graded SAND (SW)
- Poorly graded SAND (SP)
- Silty SAND (SM)
- Clayey SAND (SC)
- Silty, Clayey SAND (SC-SM)
- Well-graded SAND with silt (SW-SM)
- Poorly graded SAND with silt (SP-SM)
- Well-graded SAND with clay (SW-SC)
- Poorly graded SAND with clay (SP-SC)
- SILT (ML)
- Lean CLAY (CL)
- Silty CLAY (CL-ML)
- Organic SOIL (OL)
- Elastic SILT (MH)
- Fat CLAY (CH)
- Organic SOIL (OH)
- Organic SOIL (OL/OH)
- PEAT (PT)
- BEDROCK
- WATER

Non-USCS
- Gravel
- Sand
- Silt
- Clayey silt
- Silt & clay
- Clay & silt
- Silty clay
- Clay
- Boulders
- Cobbles
- Peastone
- Glacial till
- Iron ore
- Wood
- Peat
- Saprolite
- Ash
- Waste
- Mud
- Alluvium
- Colluvium
- Residuum

Soil/Rock Contact Lines
- Inferred
- Abrupt
- Gradational

Volume Descriptors
- Trace = <5%
- Few = 5-10%
- Little = 15-25%
- Some = 30-45%
- Mostly = >=50%

Water Levels
- Water Level During Drilling
- Water Level at End of Drilling/in Completed Well

Well/Boring Completion
- Cap
- Riser
- Screen
- End Plug
- Annular Seal
- Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other)
- Filter Pack (Sand, Gravel, Other)
- Backfill

Sample Type
- GR — Grab
- EN — Encore
- SS — Split Spoon
- SH — Shelby Tube
- CO — Core Barrel
- DP — Direct Push
- ID — Lab Sample and ID

Rock
- IGNEOUS Rock
- METAMORPHIC Rock
- SEDIMENTARY Rock
- Agglomerate
- Andesite
- Basalt
- Diorite
- Gabbro
- Granite
- Rhyolite
- Tuff
- Volcanic breccia
- Gneiss
- Granulite
- Hornfels
- Marble
- Phyllite
- Quartzite
- Schist
- Serpentinite
- Skarn
- Slate
- Amphibolite
- Breccia
- Chalk
- Chert
- Claystone
- Coal
- Conglomerate
- Diatomite
- Dolomite
- Evaporite
- Graywacke
- Limestone
- Mudstone
- Sandstone
- Shale
- Siltstone

vEKtor consultants

Client:	**601 Union Street Owner LLC**
Project:	**601 Union Street**
Address:	**601 Union Street, Brooklyn, NY**

BORING LOG

Boring No. 25SB-1

Page: 1 of 1

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67875, -73.98476**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			4.00	(0.00') Concrete	0	25SB-1(0-2)	0
								(0.50') Fill: Brick and concrete	0		
								(1.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, dry, black			
								(3.00') Silty SAND (SM); mostly fine-coarse grained sand, trace fine-coarse gravel, very dense, dry, brown	0.1		
5				DP			2.50	(5.00') Silty SAND (SM); mostly fine grained sand, trace fine gravel, medium dense, dry, brown	0		5
								(6.50') Silty SAND (SM); mostly fine-coarse grained sand, trace silt, medium dense, dry, white	0		
								(9.00') Silty SAND (SM); mostly fine-coarse grained sand, trace coarse gravel, medium dense, dry, dark brown, brick fragments	50	25SB-1(9-11)	
10				DP			2.50	(10.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, dry, dark brown	0		10
										25SB-1(12-13)	
								(13.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, wet, dark brown	0		
15								(15.00') Boring terminated			15
20											20
25											25
30											30

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-2**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67867, -73.98488**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.50	(0.00') Concrete (0.50') Fill: Brick (1.50') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, dry, dark brown	0 0.1	25SB-1(0-2)	0
5				DP			4.00	(5.00') Silty SAND (SM); mostly fine-coarse grained sand, medium dense, dry, black (6.50') Fill (7.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, brown	0.2 0 0		5
10				DP			4.00	(8.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, little coarse gravel, trace silt, medium dense, dry, brown (10.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, little fine-coarse gravel, some silt, loose, dry, brown (11.50') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, moist, dark brown	0 0 0	25SB-2(12-13)	10
15								(13.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, medium dense, wet, dark brown (15.00') Boring terminated			15
20											20
25											25
30											30

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-3**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67850, -73.98488**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.92	(0.00') Concrete	1	25SB-3(0-2)	0
								(0.50') Fill: Brick			
								(1.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, dry, dark brown	0		
								(3.00') Fill: Concrete, brick, misc. debris			
5				DP			3.50	(5.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, brown	0		5
								(6.50') Silty SAND (SM); mostly fine-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, gray	0		
								(7.00') Concrete	0		
								(7.50') Silty SAND (SM); mostly fine-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, gray	0		
10				DP			3.50	(8.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, dark brown	0		10
								(10.00') Silty SAND (SM); mostly fine-coarse grained sand, trace silt, loose, dry, dark brown	0	25SB-3(12-13)	
								(11.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, dark brown	0		
15								(11.50') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, moist, brown			15
								(13.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, wet, dark brown			
								(15.00') Boring terminated			
20											20
25											25
30											30

NOTES:

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Client:	**601 Union Street Owner LLC**	**WELL LOG**	
Project:	**601 Union Street**	**Well No.**	**25SB-4**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**19.44**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67862, -73.98471**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.33	(0.00') Concrete	0	25SB-4(0-2)	15
								(0.50') Fill: Concrete and misc. debris	0		
								(2.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, dark brown	0		
5				DP			2.67	(5.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some coarse gravel, trace silt, medium dense, dry, brown	0		10
								(7.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some coarse gravel, trace silt, medium dense, dry, light brown	0	25SB-4(7-9)	
10				DP			3.33	(10.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little coarse gravel, trace silt, loose, dry, brown	0		5
								(11.00') Silty SAND (SM); mostly fine-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, moist, black	0	25SB-4(12-13)	
15								(13.00') Silty SAND (SM); mostly fine-coarse grained sand, medium dense, wet, black	0.1		0
								(15.00') Boring terminated			
20											-5
25											-10
30											

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**WELL LOG**	
Project:	**601 Union Street**	**Well No.**	**25SB-5**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**0.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67838, -73.98498**

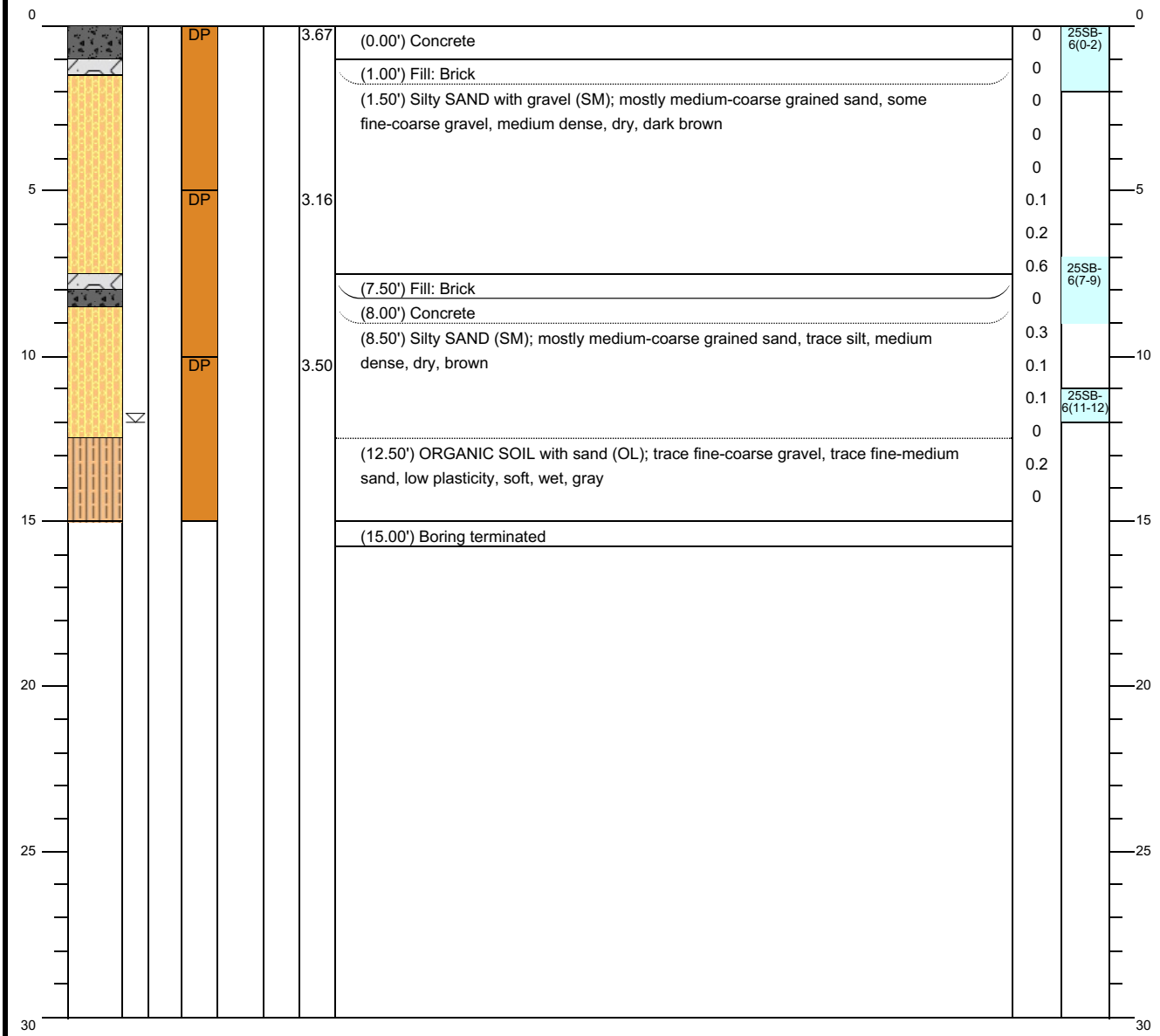
DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			5.00	(0.00') Concrete		25SB-5(0-2)	0
								(1.00') Silty SAND (SM); mostly fine-coarse grained sand, few silt, medium dense, dry, very dark brown	0.6		
								(2.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, brown	0.2		
								(4.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, very dark brown	0.1		
5				DP			5.00	(5.50') Silty GRAVEL with sand (GM); mostly fine-coarse grained gravel, some medium-coarse sand, trace silt, medium dense, dry, gray	0.2		5
								(6.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, dry, very dark brown	0.3		
								(8.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, dry, black	0.1		
10				DP			4.00	(9.00') Fill: Brick	0.2		10
								(9.50') Silty SAND with gravel (SM); mostly fine-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, dry, dark brown	0.3		
								(10.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, moist, dark brown	0	25SB-5(11-12)	
15								(12.00') Silty SAND (SM); mostly fine-coarse grained sand, trace coarse gravel, trace silt, medium dense, wet, dark brown	0		15
								(15.00') Boring terminated			
20											20
25											25
30											30

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-6**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67880, -73.98489**



NOTES:

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Client:	**601 Union Street Owner LLC**	**WELL LOG**	
Project:	**601 Union Street**	**Well No.**	**25SB-7**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/08/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/08/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**GeoProbe 420M**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67861, -73.98505**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			1.50	(0.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some coarse gravel, trace silt, medium dense, dry, brown, fill mixed in	0	25SB-7(0-2)	0
				DP			1.50	(3.00') Silty SAND with gravel (SM); mostly fine-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, dry, brown, fill mixed in	0		
5				DP			1.50	(6.00') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, dry, brown	0		5
				DP			1.50	(9.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little fine-coarse gravel, trace silt, medium dense, moist, brown	0		
10				DP			1.50	(12.00') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, moist, brown	0	25SB-7(12-13)	10
		▽						(13.00') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, wet, brown	0		
15								(15.00') Boring terminated			15
20											20
25											25
30											30

NOTES:

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Client:	**601 Union Street Owner LLC**
Project:	**601 Union Street**
Address:	**601 Union Street, Brooklyn, NY**

WELL LOG

Well No.	**25SB-8**
Page:	**1 of 1**

Drilling Start Date:	**07/08/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/08/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 420M**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67844, -73.98516**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			1.50	(0.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some coarse gravel, medium dense, dry, brown, fill mixed in	0	25SB-8(1-3)	0
				DP			1.50	(3.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, brown, fill mixed in	0		
5				DP			1.75	(6.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, black	0		5
								(7.50') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, brown	0		
10		▽		DP			2.00	(9.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, moist, brown	0	25SB-8(11-12)	10
				DP			1.00	(12.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, wet, brown	0		
15								(15.00') Boring terminated			15
20											20
25											25
30											30

NOTES:

vEKtor consultants	Client:	601 Union Street Owner LLC	WELL LOG
	Project:	601 Union Street	Well No. 25SB-9
	Address:	601 Union Street, Brooklyn, NY	Page: 1 of 1

Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67863, -73.98459**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.25	(0.00') Asphalt	0	25SB-9(0-2)	0
								(0.50') Fill: Brick	0		
								(1.00') Silty SAND (SM); mostly medium-coarse grained sand, few fine-coarse gravel, trace silt, medium dense, dry, very dark brown	0		
								(3.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, dark gray	0		
5				DP			4.00	(5.50') Fill	0		5
								(6.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little coarse gravel, trace silt, medium dense, dry, very dark brown	0		
								(9.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, very dark brown	0		
10				DP			4.00	(10.00') Fill	0		10
								(10.50') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, dry, very dark brown	0	25SB-9(11-12)	
								(12.00') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, wet, very dark brown	0		
15								(12.50') Fill	0		15
								(13.00') Silty SAND (SM); mostly medium-coarse grained sand, few coarse gravel, trace silt, medium dense, wet, very dark brown			
								(15.00') Boring terminated			
20											20
25											25
30											30

NOTES:

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Client:	**601 Union Street Owner LLC**
Project:	**601 Union Street**
Address:	**601 Union Street, Brooklyn, NY**

BORING LOG

Boring No. 25SB-10

Page: 1 of 1

Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67845, -73.98465**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.58	(0.00') Asphalt	0	25SB-10(0-2)	0
								(0.50') Concrete	0		
								(2.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, dark brown	0		
5				DP			3.67	(5.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, brown	0		5
								(8.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, dark brown	0		
10				DP			3.75	(8.50') Fill: Brick	0		10
								(9.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, dark brown	0	25SB-10(11-12)	
								(11.00') Fill: Brick	0		
								(12.00') Sandy ORGANIC SOIL (OL) with gravel; little fine-coarse gravel, some fine-coarse sand, low plasticity, soft, wet, brown			
15								(15.00') Boring terminated			15
20											20
25											25
30											30

NOTES:

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Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-11**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67828, -73.98487**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.00	(0.00') Asphalt (0.50') Silty SAND with gravel (SM); mostly medium-coarse grained sand, little coarse gravel, trace silt, medium dense, dry, brown (2.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, brown (3.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, yellowish-brown		25SB-11(0-2)	15
5				DP			2.92	(4.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, brown (5.00') Fill: Brick (6.50') Fill: Brick & Gravel (7.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, brown			10
10		▽		DP			2.25	(8.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, gray (8.50') Fill: Asphalt (9.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, trace clay, medium dense, dry, reddish-brown (10.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, brown (10.50') Fill: Brick (11.00') Asphalt (12.00') Silty SAND with gravel (SM); mostly medium-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, wet, dark gray (15.00') Boring terminated		25SB-11(11-12)	5
15											0
20											-5
25											-10
30											

NOTES:

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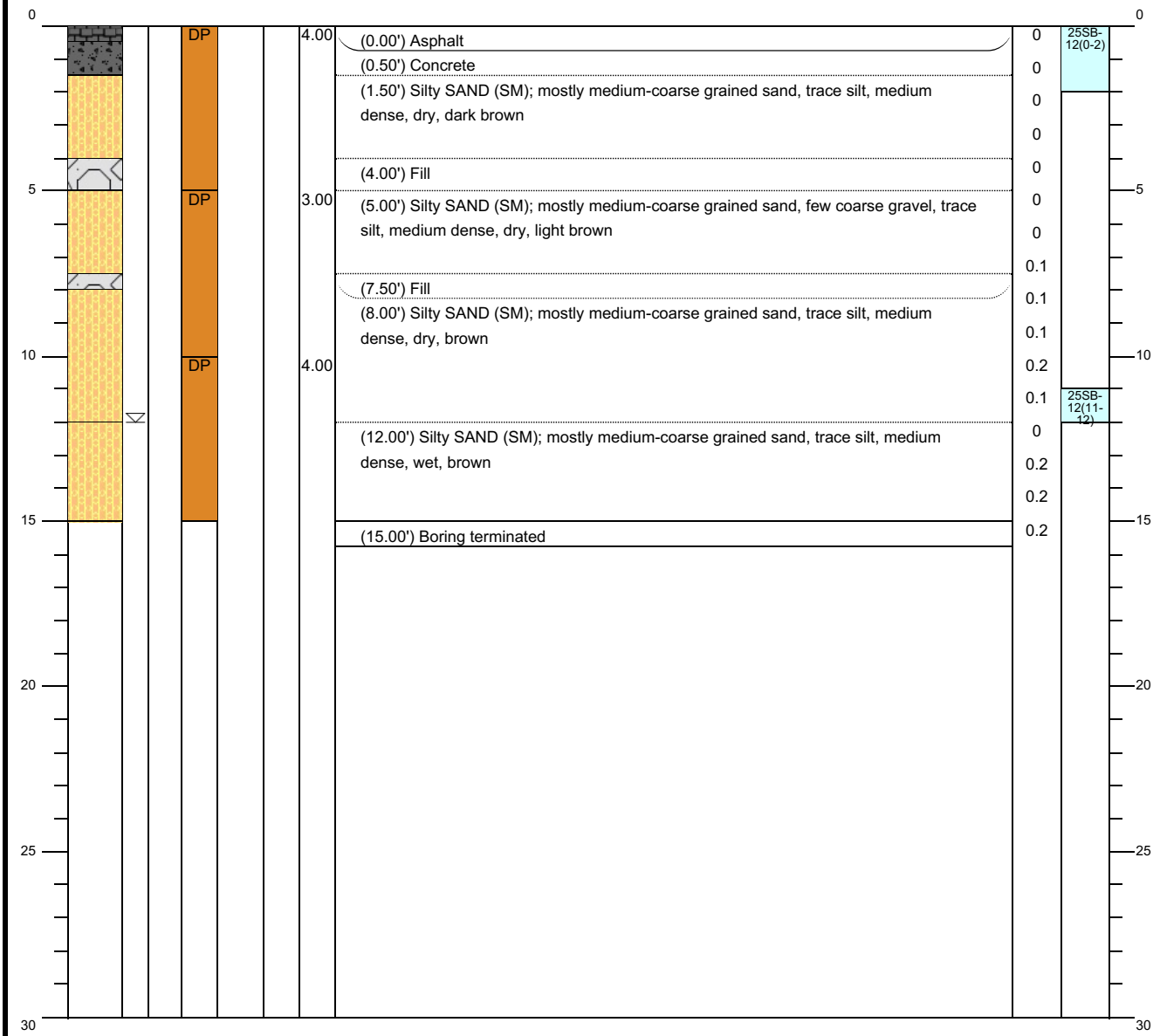
Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-12**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67851, -73.98453**



NOTES:

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Client:	**601 Union Street Owner LLC**
Project:	**601 Union Street**
Address:	**601 Union Street, Brooklyn, NY**

BORING LOG

Boring No. **25SB-13**

Page: **1 of 1**

Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67840, -73.98450**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.08	(0.00') Asphalt	0	25SB-13(0-2)	0
								(0.50') Concrete	0		
								(1.00') Fill: Brick	0		
								(1.50') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, very dark brown	0		
5				DP			3.50	(4.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, brown	0		5
								(4.50') Fill: Brick	0		
								(5.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, brown	0		
								(6.50') Fill: Brick	0		
								(7.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, brown	0		
10				DP			4.00	(8.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, gray	0	25SB-13(11-12)	10
								(8.50') Wood	0		
								(9.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, dry, gray			
15								(10.00') Silty SAND (SM); mostly medium-coarse grained sand, medium dense, dry, gray			15
								(10.50') Concrete			
								(11.00') Silty SAND (SM); mostly medium-coarse grained sand, medium dense, dry, gray			
								(12.00') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, wet, very dark brown			
20								(15.00') Boring terminated			20
25											25
30											30

NOTES:

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Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-14**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 1**

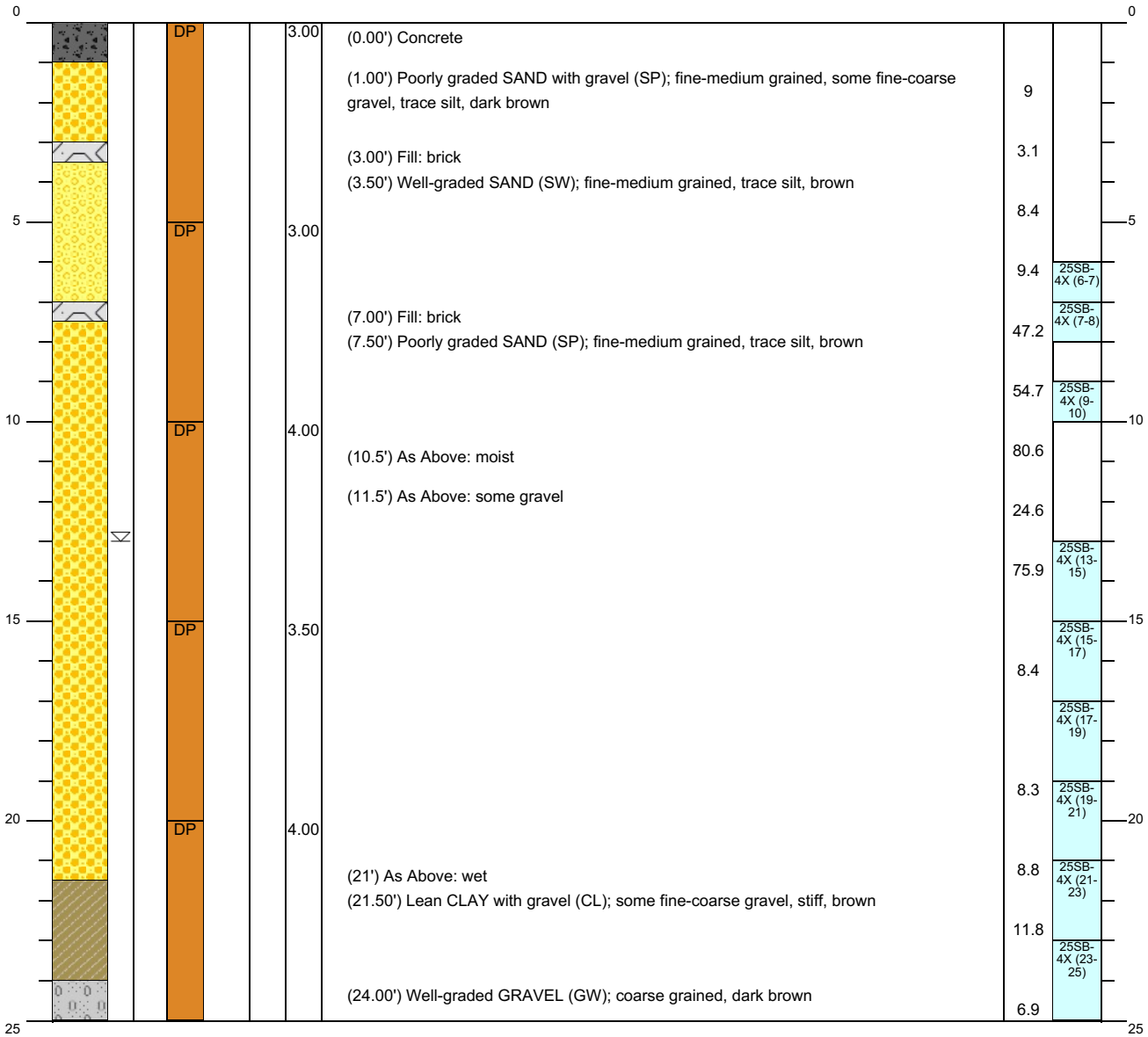
Drilling Start Date:	**07/01/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**07/01/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions, Inc.**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**GeoProbe 6620DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67827, -73.98469**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			2.75	(0.00') Asphalt	0	25SB-14(0-2)	0
								(0.50') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, brown	0		
								(3.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, yellowish-gray	0		
5				DP			3.25	(3.50') Fill: Brick	0		5
								(4.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, gray	0		
								(5.50') Fill: Brick	0	25SB-14(7-9)	
								(6.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, dry, gray	0		
10				DP			2.83	(8.00') Silty SAND (SM); mostly medium-coarse grained sand, trace fine-coarse gravel, trace silt, medium dense, dry, brown, trace amounts of brick fragments	0		10
								(8.50') Silty SAND (SM); mostly fine-medium grained sand, trace fine gravel, trace silt, medium dense, moist, brown, trace amounts of concrete fragments	0	25SB-14(11-12)	
								(9.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, moist, brown	0		
								(10.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, medium dense, moist, dark brown	0		
15								(11.00') Fill: Brick	0		15
								(11.50') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, moist, very dark brown	0		
								(12.00') Wood	0		
								(12.50') Silty SAND (SM); mostly medium-coarse grained sand, trace silt, medium dense, wet, very dark brown	0		
20								(15.00') Boring terminated			20
25											25
30											30

NOTES:

vEKtor consultants	Client: 601 Union Street Owner LLC	BORING LOG
	Project: 601 Union Street	Boring No. 25SB-4X
	Address: 601 Union Street, Brooklyn, NY	Page: 1 of 2

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67859, -73.98473**



NOTES:

vEKtor consultants	Client: 601 Union Street Owner LLC Project: 601 Union Street Address: 601 Union Street, Brooklyn, NY	BORING LOG Boring No. 25SB-4X Page: 2 of 2

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67859, -73.98473**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP			4.00	(24.00') Well-graded GRAVEL (GW); coarse grained, dark brown	9.9	25SB-4X (25-27)	25
								(27.00') Lean CLAY (CL); stiff, moist, brown	1.5	25SB-4X (27-29)	
30								(30.00') Boring terminated	10.7	25SB-4X (29-30)	30
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**
Project:	**601 Union Street**
Address:	**601 Union Street, Brooklyn, NY**

BORING LOG

Boring No. 25SB-5X

Page: 1 of 2

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67841, -73.98496**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.00	(0.00') Concrete			0
								(1.50') Fill	0.8		
								(2.00') Fill: brick			
								(2.50') Fill	0		
5				DP			3.00	(4.50') Poorly graded SAND (SP); fine-medium grained, trace silt, brown			5
								(5.50') Fill	0		
								(8.00') Well-graded SAND (SW); fine-medium grained, trace silt, brown			
10		▽		DP			3.00		0		10
								(11.00') Fill	28.2		
								(12.50') Well-graded SAND (SW); fine-medium grained, trace silt, gray		25SB-5X (12-14)	
								(13.5') As Above: wet	14		
15				DP			4.00		128.2	25SB-5X (14-16)	15
								(16.00') Well-graded SAND (SW); fine-medium grained, trace silt, wet, dark brown	3.5	25SB-5X (16-18)	
									2.7	25SB-5X (18-20)	
20				DP			4.00		3.5	25SB-5X (20-22)	20
								(21.00') Poorly graded SAND with clay (SP-SC); fine-medium grained, trace silt, some clay, brown	70.7	25SB-5X (22-24)	
								(23.00') Lean CLAY (CL); grayish brown	123.9	25SB-5X (24-26)	
25											25

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-5X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**2 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67841, -73.98496**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP			4.00	(23.00') Lean CLAY (CL); grayish brown	36.2		25
								(26.00') ORGANIC SOIL with sand (OL); some fine-medium sand, wet, very dark brown	7.9	25SB-5X (26-28)	
								(28.00') Lean CLAY (CL); gray	27.6	25SB-5X (28-30)	
30								(30.00') Boring terminated	46		30
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-6X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67875, -73.98491**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			2.00	(0.00') Concrete			0
								(2.00') Well-graded SAND (SW); medium-coarse grained, trace silt, dark brown	20.8		
								(2.50') Fill: brick			
								(3.50') Asphalt	42.4		
5				DP			3.00	(5.00') Fill	63.8		5
								(6.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, brown	90.6	25SB-6X (6-7)	
								(6.50') Asphalt	51.5	25SB-6X (7-8)	
								(7.00') Fill: Brick			
								(7.50') Well-graded SAND (SW); fine-medium grained, trace silt, brown		25SB-6X (9-10)	
								(8.50') Asphalt			
10				DP			3.00	(9.00') Fill: brick	7	25SB-6X (10-12)	10
								(9.50') Asphalt			
								(10.00') Fill: brick	84		
								(11.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, dark brown		25SB-6X (12-14)	
								(12') As Above: moist	20.6		
								(12.5') As Above: wet		25SB-6X (14-16)	
15				DP			2.00		6		15
								(16.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, wet, gray		25SB-6X (16-18)	
										25SB-6X (18-20)	
									13		
20				DP			2.00			25SB-6X (20-22)	20
									7.2		
										25SB-6X (22-24)	
										25SB-6X (24-26)	
25									11.4		25

NOTES:

vEKtor consultants	Client: 601 Union Street Owner LLC Project: 601 Union Street Address: 601 Union Street, Brooklyn, NY	BORING LOG Boring No. 25SB-6X Page: 2 of 2

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67875, -73.98491**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP			3.00	(16.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, wet, gray	13.2	25SB-6X (26-28)	25
								(28.00') Fat CLAY (CH); trace silt, medium stiff, gray	21.5	25SB-6X (28-30)	
30								(30.00') Boring terminated	17.4		30
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-9X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67863, -73.98456**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			3.00	(0.00') Asphalt	0		0
								(2.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, brown	0	25SB-9X (2-6)	
								(4.00') Fill	0		
5				DP			3.00		0	25SB-9X (6-8)	5
								(6.50') Well-graded SAND (SW); fine-medium grained, trace silt, brown	0		
								(7.50') Fill	0	25SB-9X (8-10)	
								(8.50') Well-graded SAND (SW); fine-medium grained, trace silt, brown	0		
10		▽		DP			2.75			25SB-9X (10-12)	10
								(12') As Above: wet		25SB-9X (12-14)	
								(14.00') Poorly graded SAND (SP); trace silt, black	0	25SB-9X (14-16)	
15				DP			4.00				15
								(16.00') Poorly graded SAND with gravel (SP); fine-medium grained, some fine-coarse gravel, trace silt, brown	0	25SB-9X (16-18)	
									0	25SB-9X (18-20)	
20				DP				(20.00') No Recovery	0		20
										25SB-9X (24-26)	
25											25

NOTES:

vEKtor consultants	Client: 601 Union Street Owner LLC	BORING LOG
	Project: 601 Union Street	Boring No. 25SB-9X
	Address: 601 Union Street, Brooklyn, NY	Page: 2 of 2

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67863, -73.98456**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP			4.50	(25.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, black	0	25SB-9X (26-28)	25
									0		
								(28.00') PEAT (PT)		25SB-9X (28-30)	
30									0		30
								(30.00') Boring terminated			
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-10X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67840, -73.98467**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP				(0.00') No Recovery			0
5				DP			2.00	(5.00') Poorly graded SAND with gravel (SP); medium-coarse grained, some fine-coarse gravel, trace silt, brown (6.00') Fill (6.50') Poorly graded SAND with gravel (SP); medium-coarse grained, some fine-coarse gravel, trace silt, brown	6.2 26.6	25SB-10X (7-8)	5
10		▽		DP			4.00	(10.5') As Above: wet (12.00') Fill: brick	7.5 10.8 18.4	25SB-10X (12-14) 25SB-10X (14-16)	10
15				DP			5.00	(15.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, gray	5.2 0.6 10.6	25SB-10X (16-18) 25SB-10X (18-20)	15
20				DP			3.00		0 4.4 2.2	25SB-10X (20-22) 25SB-10X (22-24)	20
25									7.2	25SB-10X (24-26)	25

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-10X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**2 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67840, -73.98467**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP			4.00	(15.00') Well-graded SAND with gravel (SW); medium-coarse grained, some fine-coarse gravel, trace silt, gray	7	25SB-10X (26-28)	25
								(28.00') Clay	1.7	25SB-10X (28-30)	
30								(28.50') PEAT (PT)	2.4		30
								(30.00') Boring terminated			
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-11X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Ben Neumann**	Location (Lat, Long):	**40.67830, -73.98483**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP				(0.00') No Recovery			0
5				DP			1.50	(5.00') Asphalt (5.50') Silty SAND with gravel (SM); medium-coarse grained, little coarse gravel, trace silt, medium dense, dry, brown	0	25SB-11X (7-8)	5
								(7.00') Silty SAND (SM); medium-coarse grained, trace fine-coarse gravel, trace silt, medium dense, dry, brown	3.9		
								(8.00') Silty SAND (SM); medium-coarse grained, trace silt, medium dense, dry, yellowish-brown			
10		▽		DP			1.80	(9.00') Silty SAND (SM); medium-coarse grained, trace fine-coarse gravel, trace silt, medium dense, dry, brown (10.00') Fill: brick	0.8		10
								(11.50') Fill: brick and gravel	7.7		
								(12.00') Silty SAND (SM); medium-coarse grained, trace silt, medium dense, dry, brown		25SB-11X (12-14)	
								(13.00') Silty SAND (SM); medium-coarse grained, trace fine-coarse gravel, trace silt, medium dense, dry, gray	0	25SB-11X (14-16)	
15				DP			2.50	(13.50') Asphalt (14.00') Silty SAND (SM); medium-coarse grained, trace silt, trace clay, medium dense, dry, reddish-brown	1.3		15
								(15.00') Silty SAND (SM); fine-medium grained, trace silt, medium dense, dry, brown	1.8	25SB-11X (16-18)	
								(15.50') Fill: brick (16.00') Asphalt (17.00') Silty SAND with gravel (SM); medium-coarse grained, some fine-coarse gravel, trace silt, medium dense, wet, dark gray	0.2	25SB-11X (18-20)	
20				DP				(20.00') No Recovery	7.8		20
									3.8		
25											25

NOTES:

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Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**25SB-11X**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**2 of 2**

Drilling Start Date:	**08/21/2025**	Boring Depth (ft):	**30**
Drilling End Date:	**08/21/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 7822DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Hudson**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67830, -73.98483**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25				DP				(25.00') No Recovery	0		25
30								(30.00') Boring terminated			30
35											35
40											40
45											45
50											50

NOTES:

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**GCM-1**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 4**

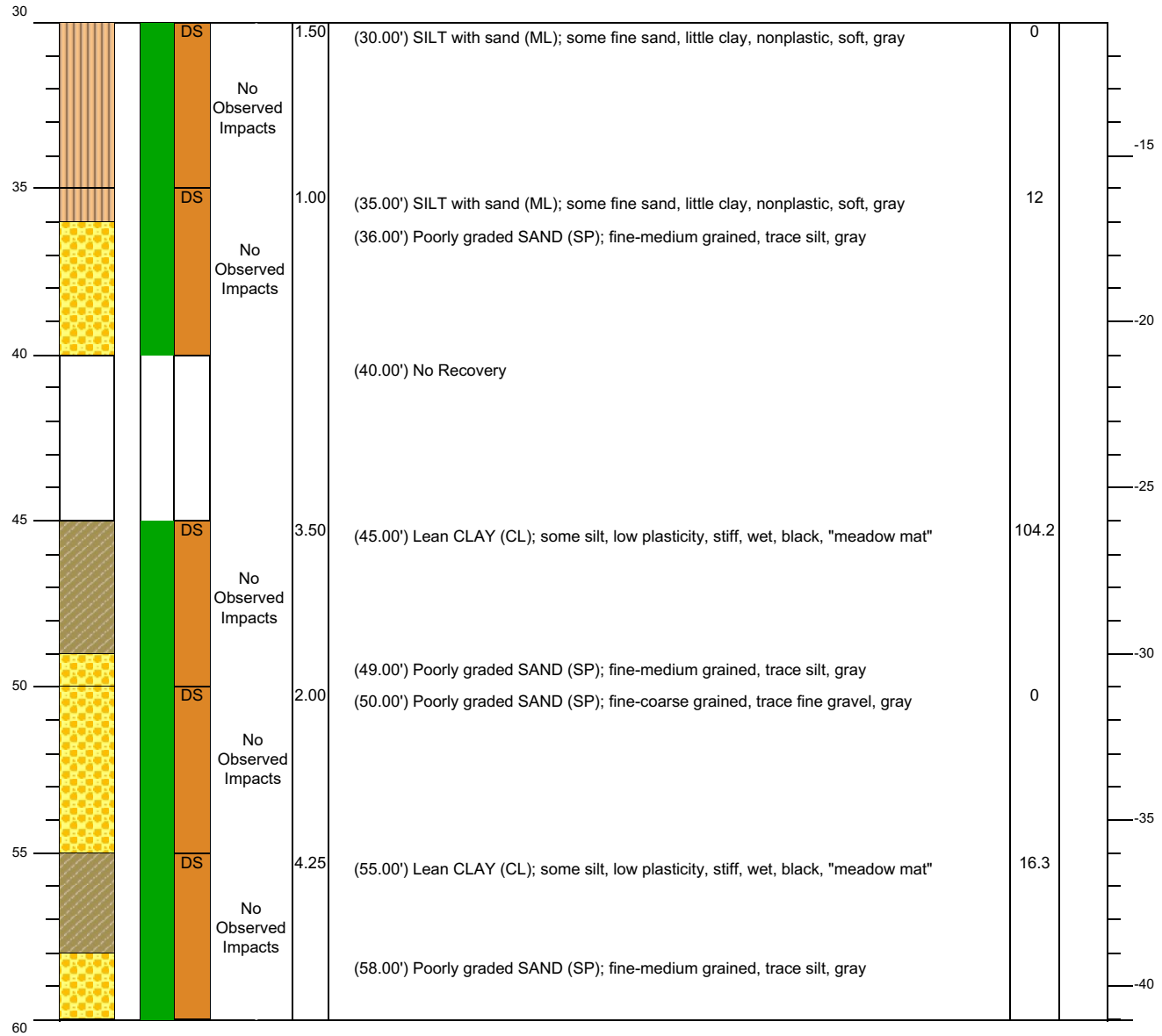
Drilling Start Date:	**7/14/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/14/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67880, -73.98488**

DEPTH (ft)	LITHOLOGY	COLOR CODING	COLLECT: Sample Type	COLLECT: REMARKS	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0			DS	No Observed Impacts	2.40	(0.00') Concrete (0.50') Fill: some fine-medium sand, trace silt, little coarse gravel, asphalt, brick, black	664 517.1		15
5			DS	No Observed Impacts	1.50	(5.00') Fill: some fine-medium sand, little fine-coarse gravel, trace silt, asphalt, brick, slag, trace glass, dark brown	183.1		10
10			DS	No Observed Impacts	2.50	(10.00') Fill: fine-medium sand, little silt, some gravel, trace brick, trace wood, gray	8.4		5
15			DS	No Observed Impacts	0.50	(15.00') Poorly graded SAND (SP); mostly fine-coarse grained sand, trace fine gravel, little silt, black	6.3		0
20			DS	No Observed Impacts	4.66	(20.00') Fill: brick, glass, slag, little gravel, fine-medium sand, wet (23.00') Lean CLAY (CL); some silt, low plasticity, stiff, wet, black, "meadow mat"	0		-5
25			DS	No Observed Impacts	2.66	(25.00') Lean CLAY (CL); some silt, low plasticity, stiff, wet, black, "meadow mat"	125.4		-10
30									

NOTES: Ground surface elevation and location are estimated.

vEKtor consultants	Client: 601 Union Street Owner LLC	BORING LOG
	Project: 601 Union Street	Boring No. GCM-1
	Address: 601 Union Street, Brooklyn, NY	Page: 2 of 4

Drilling Start Date:	**7/14/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/14/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67880, -73.98488**



NOTES: Ground surface elevation and location are estimated.

vEKtor consultants	Client: 601 Union Street Owner LLC	BORING LOG
	Project: 601 Union Street	Boring No. GCM-1
	Address: 601 Union Street, Brooklyn, NY	Page: 3 of 4

Drilling Start Date:	**7/14/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/14/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67880, -73.98488**

DEPTH (ft)	LITHOLOGY	COLOR CODING	COLLECT: Sample Type	COLLECT: REMARKS	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
60			DS	No Observed Impacts	3.75	(60.00') Poorly graded SAND (SP); fine-medium grained, trace silt, light brown	0		-45
65			DS	No Observed Impacts	3.50	(65.00') Poorly graded SAND (SP); fine-medium grained, gray (67.50') Poorly graded SAND (SP); fine-medium grained, brown	0		-50
70			DS	No Observed Impacts	2.30	(70.00') Poorly graded SAND (SP); fine-coarse grained, trace fine-coarse gravel, brown	0		-55
75			DS	No Observed Impacts	2.50	(75.00') Poorly graded SAND (SP); fine-medium grained, brown	0		-60
80			DS	No Observed Impacts	4.00	(80.00') Poorly graded SAND (SP); fine-coarse grained, brown	0		-65
85			DS	No Observed Impacts	2.50	(85.00') Poorly graded SAND (SP); fine-coarse grained, trace fine gravel, brown	0		-70
90						(90.00') Boring terminated			

NOTES: Ground surface elevation and location are estimated.

vEKtor consultants

Client:	**601 Union Street Owner LLC**	**BORING LOG**	
Project:	**601 Union Street**	**Boring No.**	**GCM-2**
Address:	**601 Union Street, Brooklyn, NY**	**Page:**	**1 of 4**

Drilling Start Date:	**7/11/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/11/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67864, -73.98481**

NOTES: Ground surface elevation and location are estimated.

vEKtor consultants	Client: 601 Union Street Owner LLC	BORING LOG
	Project: 601 Union Street	Boring No. GCM-2
	Address: 601 Union Street, Brooklyn, NY	Page: 2 of 4

Drilling Start Date:	**7/11/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/11/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67864, -73.98481**

DEPTH (ft)	LITHOLOGY	COLOR CODING	COLLECT: Sample Type	COLLECT: REMARKS	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
30						(30.00') No Recovery	0		-15
35							0		-20
40			DS	No Observed Impacts	4.30	(40.00') Lean CLAY (CL); some silt, low plasticity, stiff, wet, black, "meadow mat"	0		-25
45							0		-30
50			DS	No Observed Impacts	5.00	(50.00') Lean CLAY (CL); trace fine gravel, little fine-coarse sand, trace silt, low plasticity, stiff, wet, black	0		-35
55							0		-40
60									

NOTES: Ground surface elevation and location are estimated.

vEKtor consultants	Client: 601 Union Street Owner LLC Project: 601 Union Street Address: 601 Union Street, Brooklyn, NY	BORING LOG Boring No. GCM-2 Page: 3 of 4

Drilling Start Date:	**7/11/2025**	Boring Depth (ft):	**90**
Drilling End Date:	**7/11/2025**	Boring Diameter (in):	**4.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**DS - Dedicated Plastic Sonic Sleeve**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**CRS XL 140 DUO**	DTW After Drilling (ft):	**N/A**
Driller:	**Paul Nelson**	Ground Surface Elev. (ft):	**19**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.67864, -73.98481**

DEPTH (ft)	LITHOLOGY	COLOR CODING	COLLECT: Sample Type	COLLECT: REMARKS	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
60			DS	No Observed Impacts	7.66	(60.00') Lean CLAY with sand (CL); some fine-coarse sand, some silt, low plasticity, medium stiff, wet, gray	0		-45
65							0		
70			DS	No Observed Impacts	5.50	(70.00') Poorly graded SAND (SP); fine-coarse grained, trace fine-coarse gravel, brown	0		-50
75							0		-55
80			DS	No Observed Impacts	6.00	(80.00') Poorly graded SAND (SP); fine-coarse grained, brown	0		-60
85							0		-65
90						(90.00') Boring terminated			-70

NOTES: Ground surface elevation and location are estimated.

APPENDIX D

MONITORING WELL CONSTRUCTION LOGS

vEKtor consultants

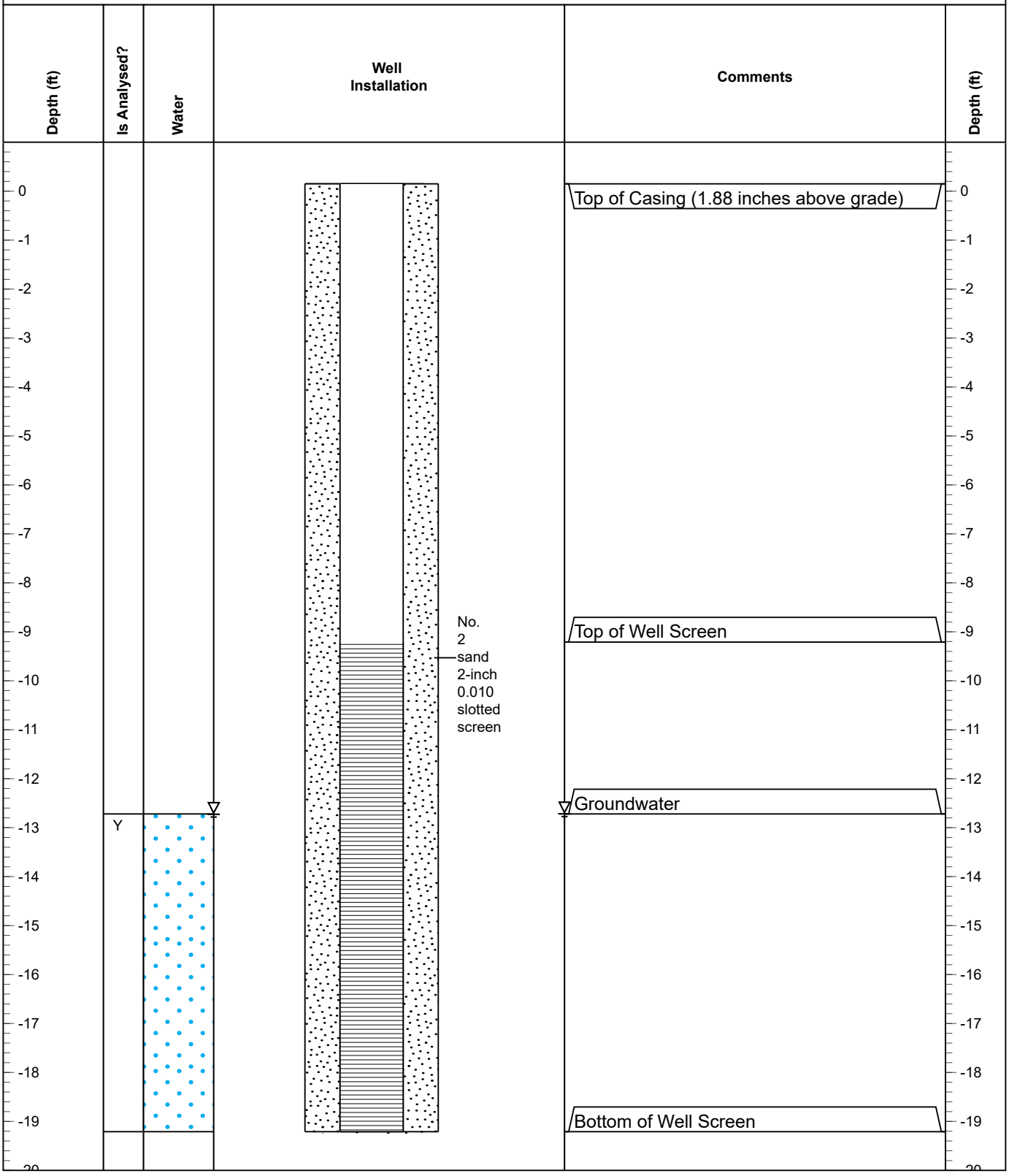
MONITORING WELL 25MW-1

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 19.21 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 18.97 feet (NAVD88)
DEPTH TO WATER 12.72 feet bgs
WATER ELEVATION 6.37 feet (NAVD 88)
SCREENED DEPTH 9.21-19.21 feet bgs

Well ID: 25MW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

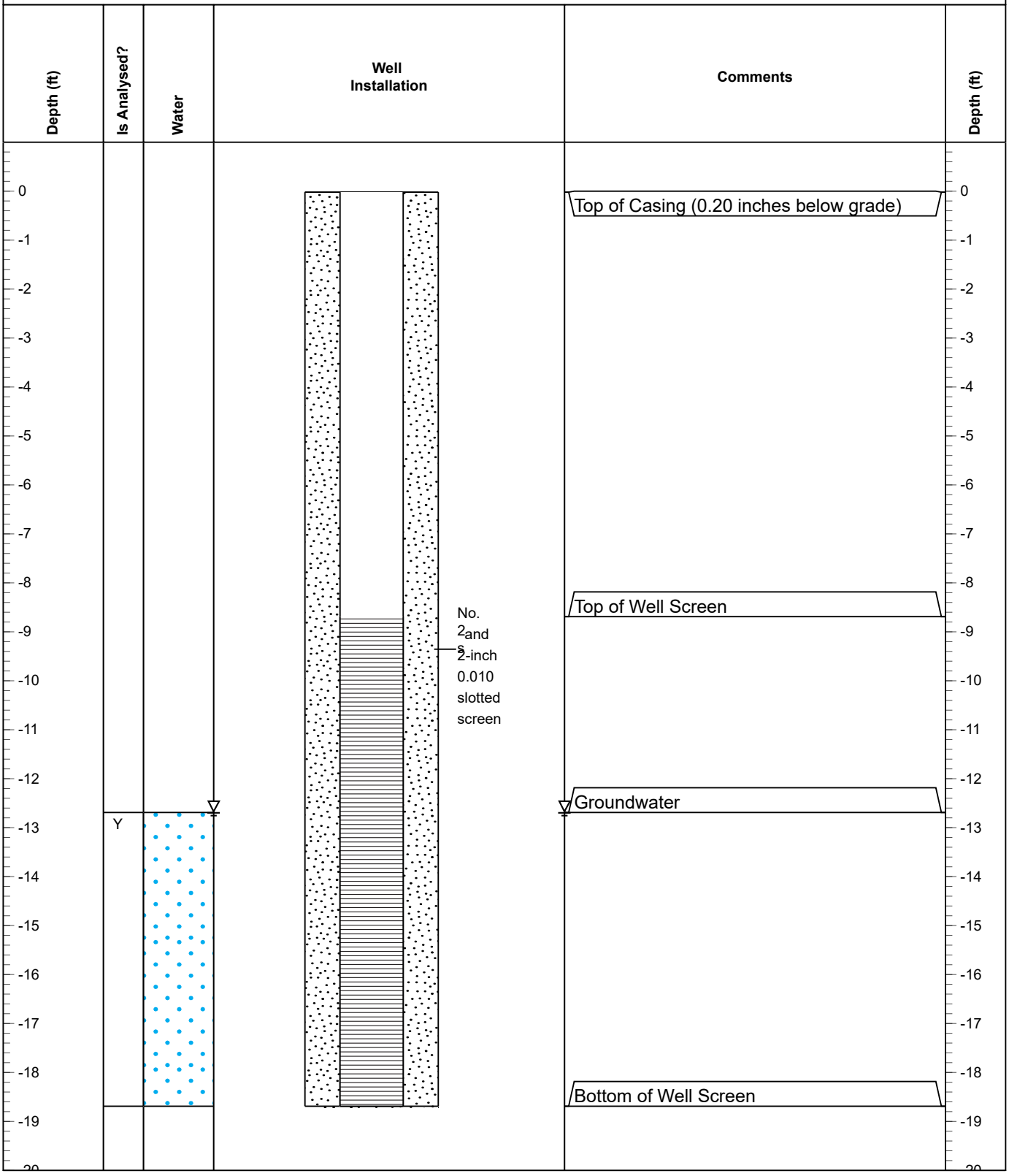
MONITORING WELL 25MW-2

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 18.69 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 19.12 feet (NAVD88)
DEPTH TO WATER 12.69 feet bgs
WATER ELEVATION 6.64 feet (NAVD 88)
SCREENED DEPTH 8.69-18.69 feet bgs

Well ID: 25MW-2



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

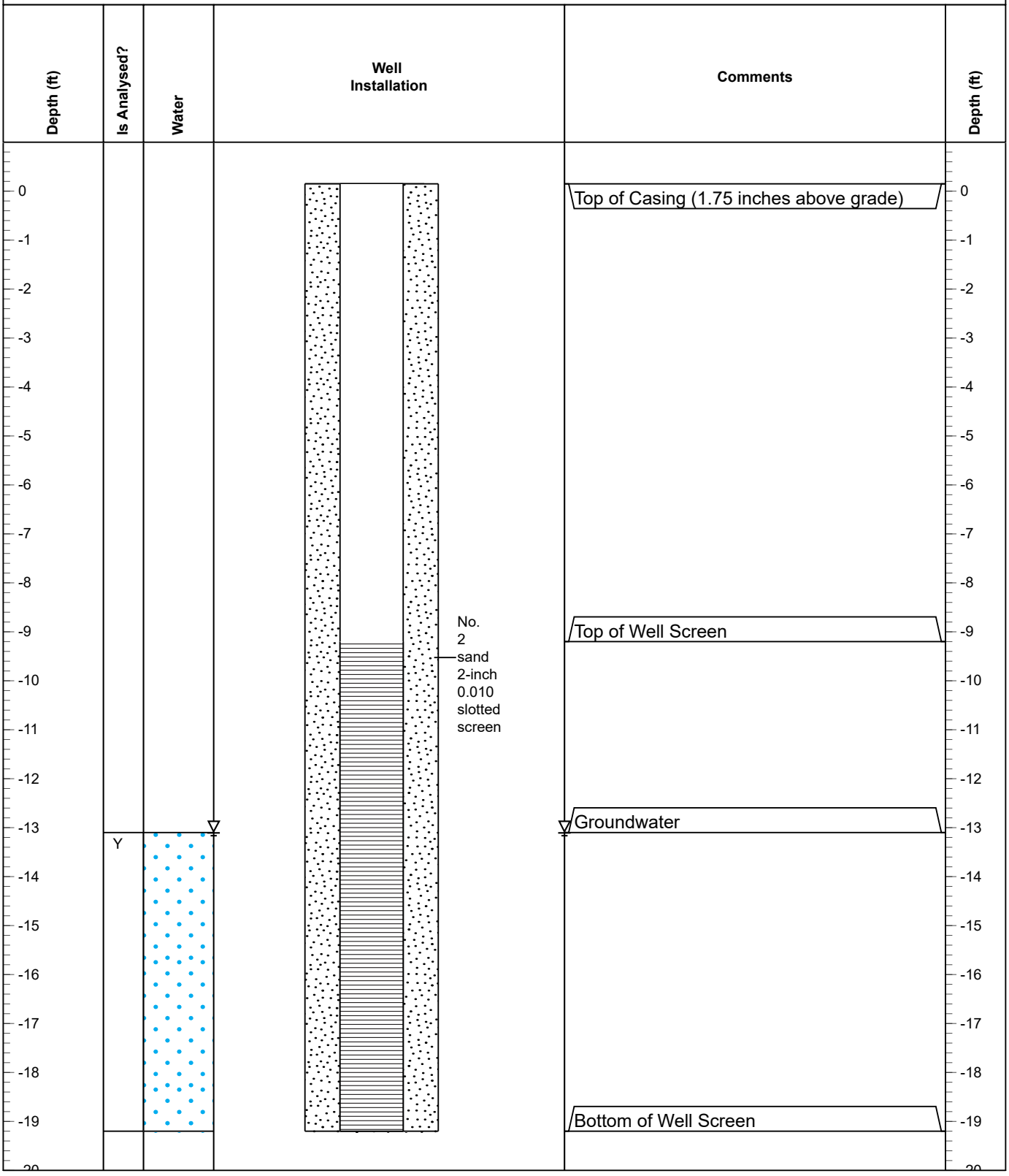
MONITORING WELL 25MW-3

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 19.20 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 19.35 feet (NAVD88)
DEPTH TO WATER 13.10 feet bgs
WATER ELEVATION 6.13 feet (NAVD 88)
SCREENED DEPTH 9.20-19.20 feet bgs

Well ID: 25MW-3



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

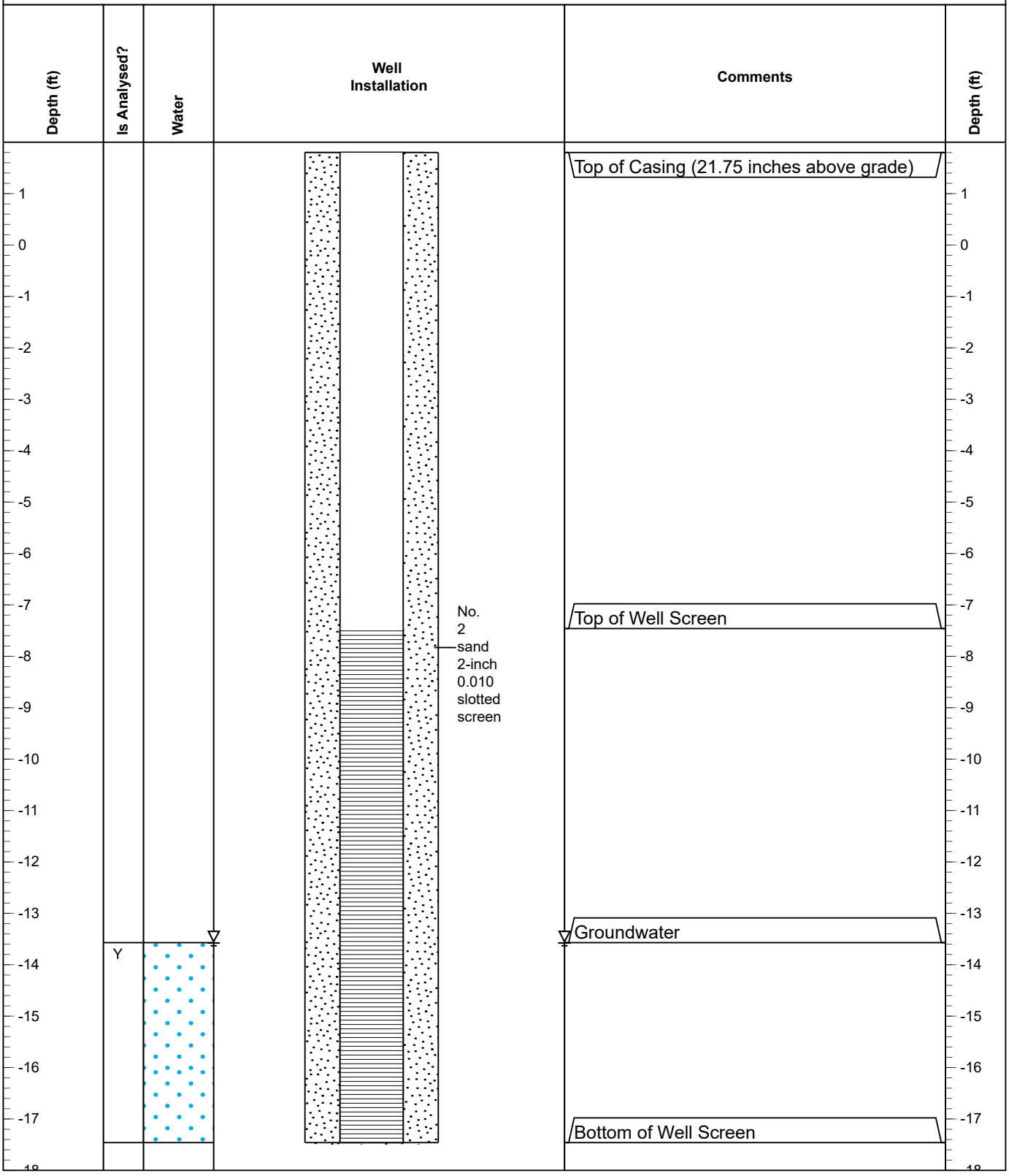
MONITORING WELL 25MW-4

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/08/2025
DIAMETER 1 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 420M
TOTAL DEPTH 17.46 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 21.69 feet (NAVD88)
DEPTH TO WATER 13.57 feet bgs
WATER ELEVATION 6.41 feet (NAVD 88)
SCREENED DEPTH 7.46-17.46 feet bgs

Well ID: 25MW-4



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

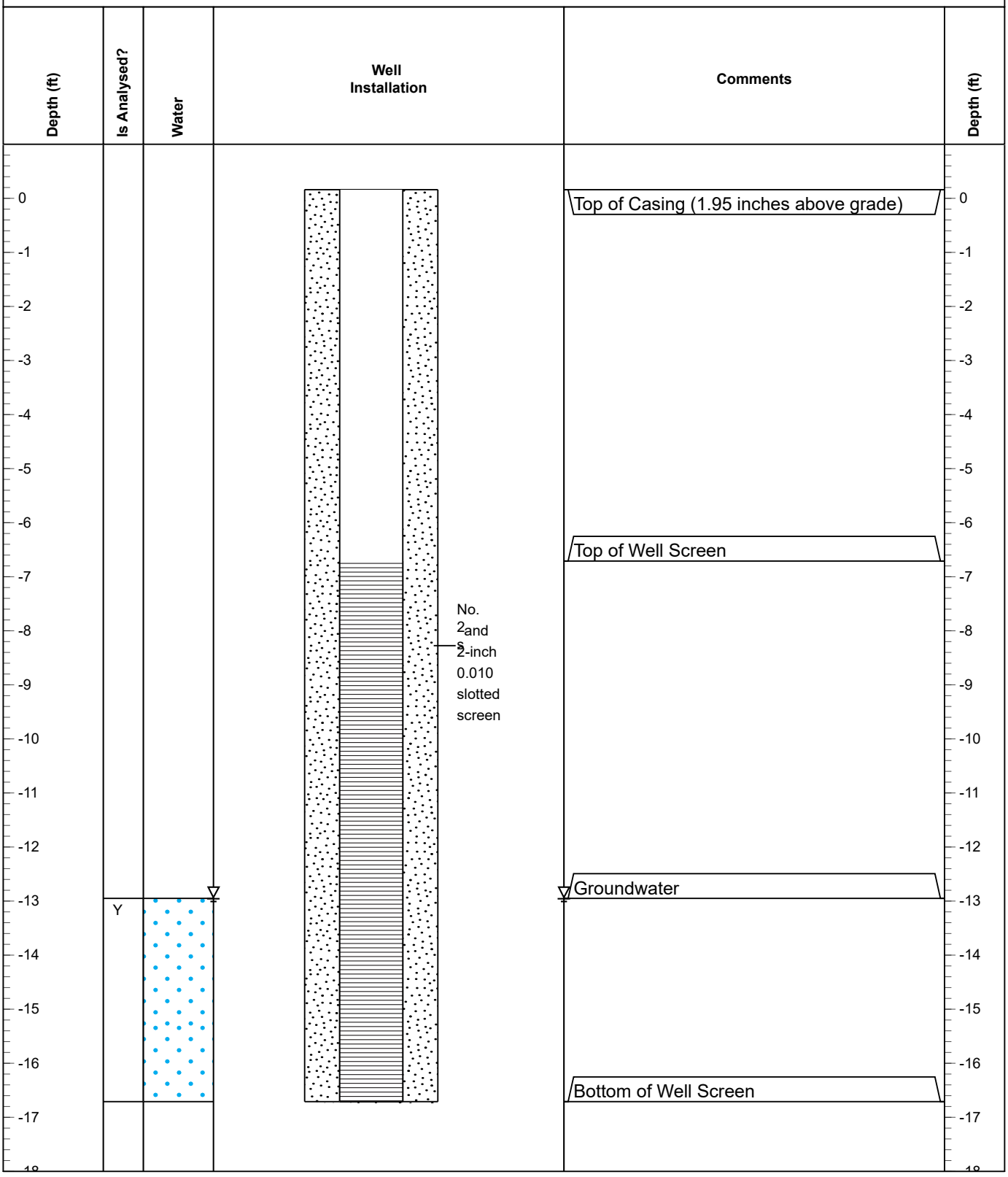
MONITORING WELL 25MW-5

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/08/2025
DIAMETER 1 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 420M
TOTAL DEPTH 16.71 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 20.14 feet (NAVD88)
DEPTH TO WATER 12.95 feet bgs
WATER ELEVATION 7.42 feet (NAVD 88)
SCREENED DEPTH 6.71-16.71 feet bgs

Well ID: 25MW-5



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

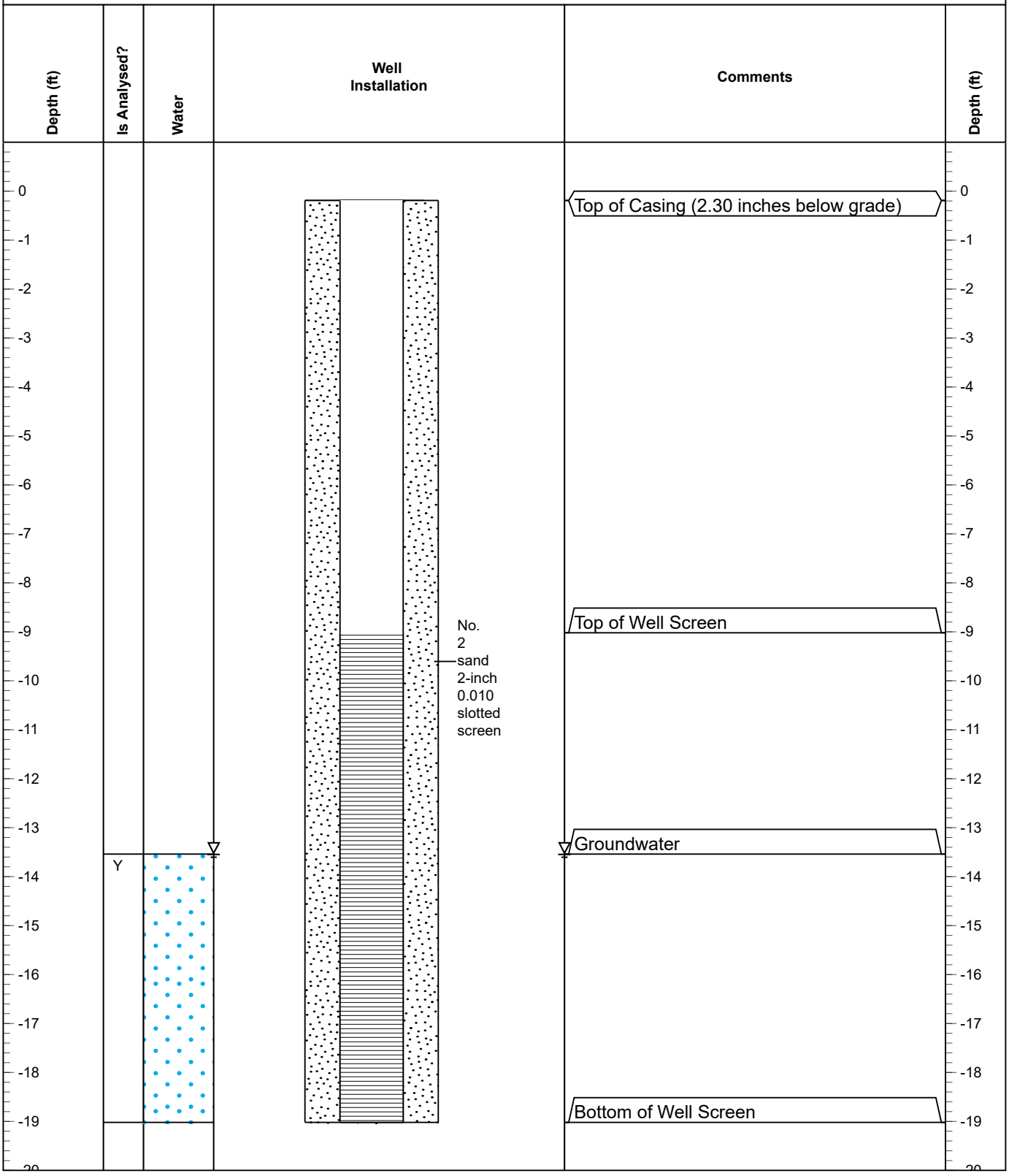
MONITORING WELL 25MW-6

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 19.02 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 19.37 feet (NAVD88)
DEPTH TO WATER 13.54 feet bgs
WATER ELEVATION 6.22 feet (NAVD 88)
SCREENED DEPTH 9.02-19.02 feet bgs

Well ID: 25MW-6



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vEKtor consultants

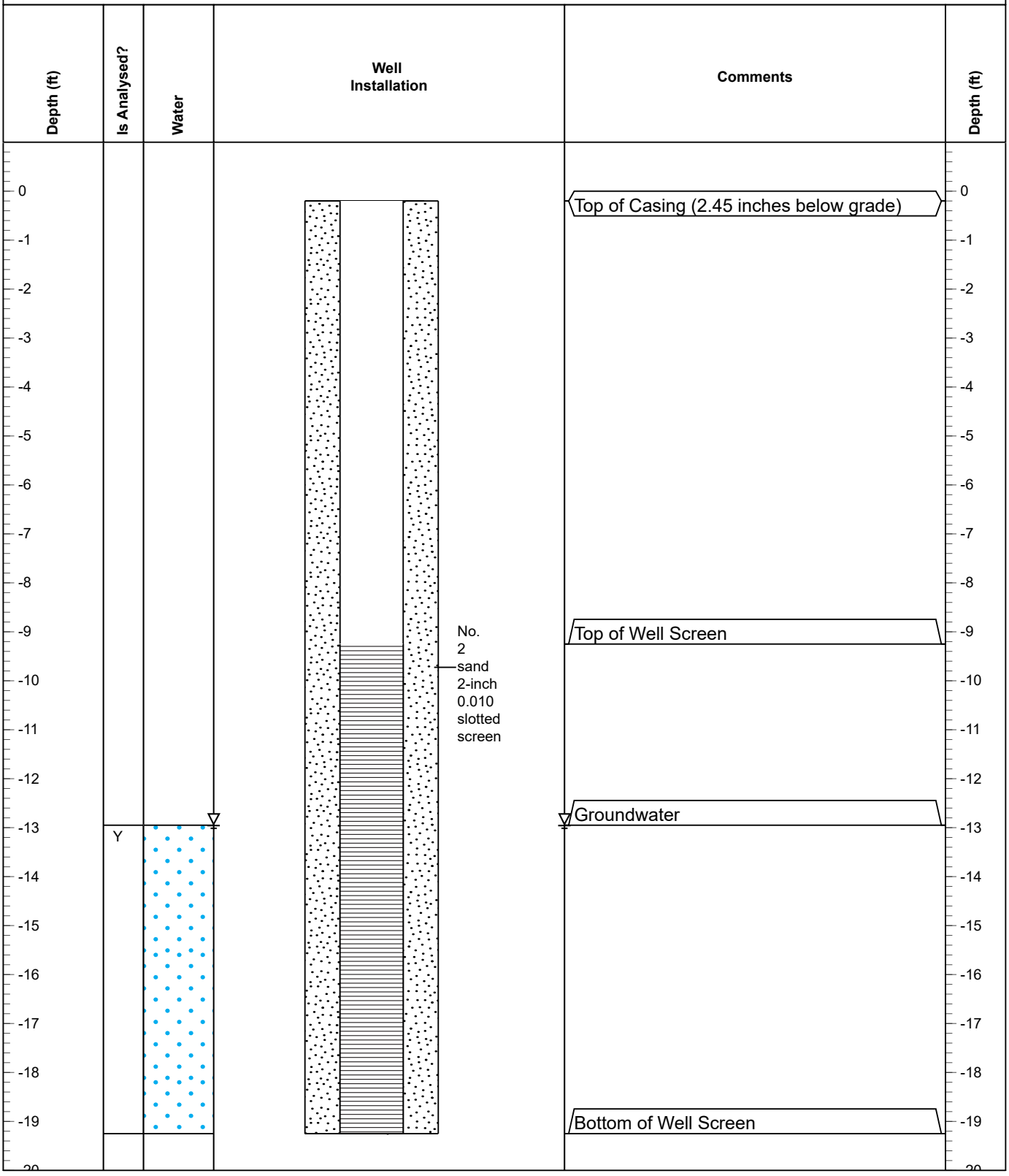
MONITORING WELL 25MW-7

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 19.25 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 19.10 feet (NAVD88)
DEPTH TO WATER 12.95 feet bgs
WATER ELEVATION 6.58 feet (NAVD 88)
SCREENED DEPTH 9.25-19.25 feet bgs

Well ID: 25MW-7



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

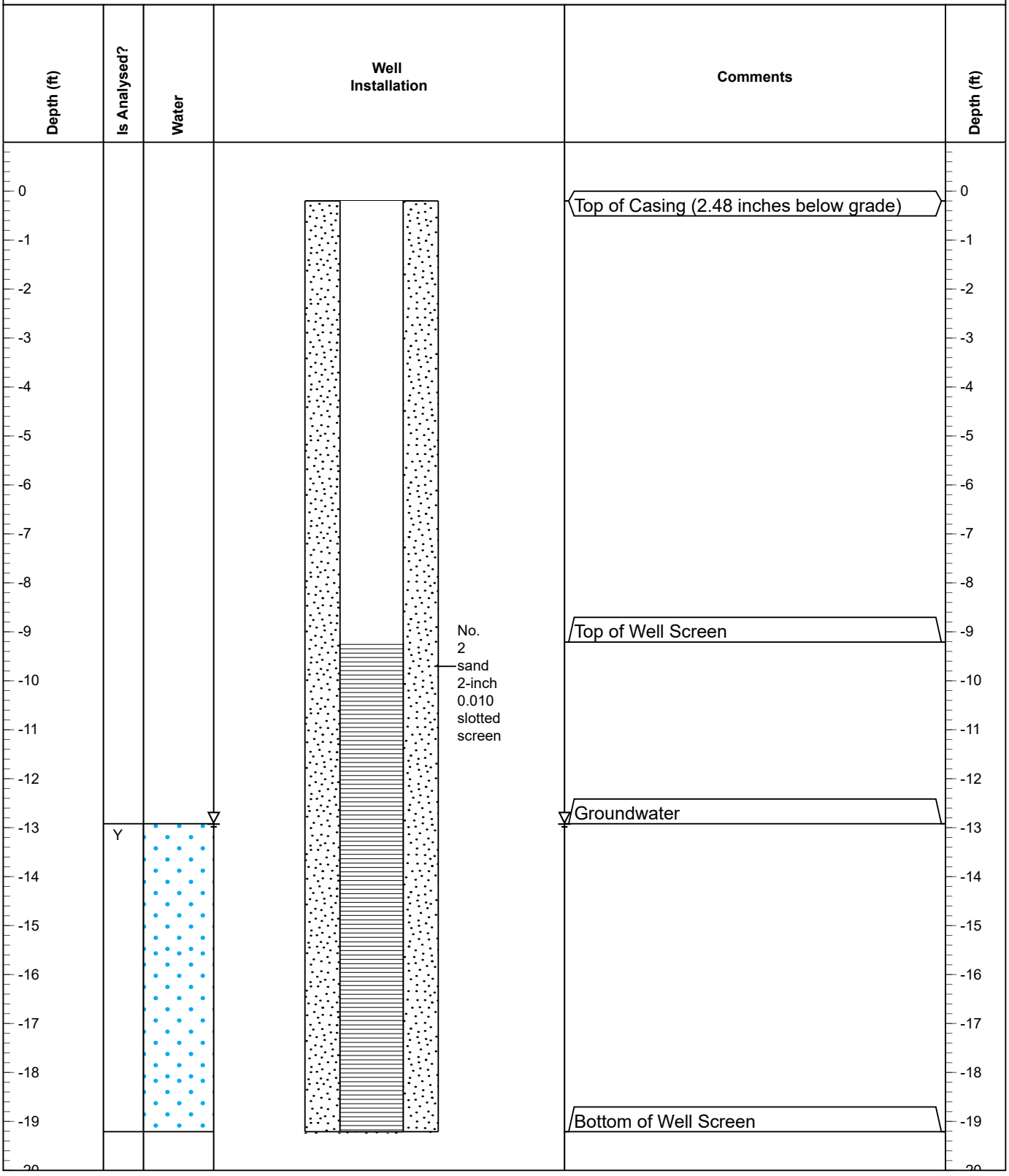
MONITORING WELL 25MW-8

PROJECT NAME 601 Union Street
ADDRESS 601 Union Street, Brooklyn, NY
DRILLING DATE 07/02/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6620DT
TOTAL DEPTH 19.21 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY Tierney Kulju
WELL TOC 19.52 feet (NAVD88)
DEPTH TO WATER 12.92 feet bgs
WATER ELEVATION 6.89 feet (NAVD 88)
SCREENED DEPTH 9.21-19.21 feet bgs

Well ID: 25MW-8



Disclaimer This bore log is intended for environmental not geotechnical purposes.

APPENDIX E

LOW FLOW SAMPLING LOGS AND WELL SURVEY

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/14/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 73 degrees F & partly cloudy

MONITOR WELL #: MW-1 WELL DEPTH: 19.21' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 2"

PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 0.0

PUMP INTAKE DEPTH 16 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.72 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
11:00	X		6.79	NA	2.34	NA	-100	NA	0.00	NA	66.6	NA	24.27	NA	315	12.72
11:05	X		6.78	-0.01	2.45	0.11	-107	-7	0.00	0.00	47.0	-19.6	21.99	-2.28	315	12.72
11:10	X		6.76	-0.02	2.49	0.04	-109	-2	0.00	0.00	30.3	-16.7	21.53	-0.46	315	12.72
11:15	X		6.75	-0.01	2.49	0.00	-110	-1	0.00	0.00	14.9	-15.4	21.11	-0.42	315	12.72
11:20	X		6.76	0.01	2.50	0.01	-112	-2	0.00	0.00	12.4	-2.5	20.83	-0.28	315	12.72
11:25	X		6.76	0	2.49	-0.01	-112	0	0.00	0.00	13.0	0.6	20.56	-0.27	315	12.72
11:30	X		6.77	0.01	2.42	-0.07	-109	3	0.00	0.00	15.8	2.8	20.93	0.37	315	12.72
11:35	X		6.74	-0.03	2.44	0.02	-109	0	0.00	0.00	5.4	-10.4	20.94	0.01	315	12.72
11:40	X		6.76	0.02	2.44	0.00	-109	0	0.00	0.00	6.8	1.4	20.82	-0.12	315	12.72
11:45	X		6.77	0.01	2.42	-0.02	-110	-1	0.00	0.00	6.6	-0.2	20.87	0.05	315	12.72
11:50	X		6.78	0.01	2.42	0.00	-110	0	0.00	0.00	6.7	0.1	21.04	0.17	315	12.72
11:55		X	6.77	-0.01	2.41	-0.01	-110	0	0.00	0.00	6.9	0.2	21.25	0.21	315	12.72

COMMENTS:

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/14/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 86 degrees F & partly cloudy

MONITOR WELL #: MW-2 WELL DEPTH: 18.69' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 2"

PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 0.0

PUMP INTAKE DEPTH 15.5 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.69 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
14:48	X		6.68	**NA**	3.73	**NA**	-103	**NA**	0.00	**NA**	241.0	**NA**	24.68	**NA**	170	12.69
14:53	X		6.67	**-0.01**	3.75	**0.02**	-103	**0**	0.00	**0.00**	155.0	**-86**	23.74	**-0.94**	170	12.69
14:58	X		6.64	**-0.03**	3.71	**-0.04**	-103	**0**	0.00	**0.00**	102.0	**-53**	23.60	**-0.14**	202	12.69
15:03	X		6.64	**0.00**	3.74	**0.03**	-103	**0**	0.00	**0.00**	98.7	**-3.3**	22.95	**-0.65**	202	12.69
15:08		X	6.65	**0.01**	3.73	**-0.01**	-106	**-3**	0.00	**0.00**	99.7	**1.0**	22.91	**-0.04**	222	12.69

COMMENTS:

***INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/15/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 85 degrees F & sunny

MONITOR WELL #: MW-3 WELL DEPTH: 19.20' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 2"

PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 10.7

PUMP INTAKE DEPTH 16 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 13.10 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
16:00	X		6.69	NA	1.91	NA	-108	NA	0.00	NA	160.0	NA	24.96	NA	322	13.10
16:05	X		6.68	-0.01	1.98	0.07	-115	-7	0.00	0.00	93.2	-66.8	23.69	-1.27	275	13.10
16:10	X		6.67	-0.01	2.05	0.07	-117	-2	0.00	0.00	64.0	-29.2	22.65	-1.04	275	13.10
16:15	X		6.69	0.02	2.09	0.04	-119	-2	0.00	0.00	45.3	-18.7	22.32	-0.33	275	13.10
16:20	X		6.71	0.02	2.08	-0.01	-121	-2	0.00	0.00	39.0	-6.3	22.20	-0.12	275	13.10
16:25	X		6.72	0.01	2.02	-0.06	-122	-1	0.00	0.00	25.4	-13.6	22.58	0.38	275	13.10
16:30	X		6.72	0.00	2.02	0.00	-123	-1	0.00	0.00	18.8	-6.6	22.37	-0.21	275	13.10
16:35	X		6.73	0.01	2.01	-0.01	-123	0	0.00	0.00	18.1	-0.7	22.46	0.09	275	13.10
16:40		X	6.73	0.00	2.04	0.03	-124	-1	0.00	0.00	17.5	-0.6	22.28	-0.18	275	13.10

COMMENTS:

***INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/14/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 77 degrees F & cloudy

MONITOR WELL #: MW-5 WELL DEPTH: 16.71' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 1"

PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 0.0

PUMP INTAKE DEPTH 13.25 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.95 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
9:05	X		6.99	NA	2.29	NA	-73	NA	0.50	NA	852	NA	22.90	NA	320	12.95
9:10	X		6.97	-0.02	2.27	-0.02	-82	-9	0.00	-0.50	701	-151	22.35	-0.55	320	12.95
9:15	X		6.96	-0.01	2.27	0.00	-84	-2	0.00	0.00	687	-14	22.04	-0.31	229	12.95
9:20		X	6.97	0.01	2.27	0.00	-85	-1	0.00	0.00	643	-44	21.93	-0.11	229	12.95

COMMENTS:

***INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/15/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 78 degrees F & partly cloudy

MONITOR WELL #: MW-6 WELL DEPTH: 19.02' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 2"

PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 0.0

PUMP INTAKE DEPTH 16.5 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 13.54 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
9:13	X		6.80	NA	1.87	NA	-115	NA	6.22	NA	30.8	NA	27.90	NA	157	13.54
9:18	X		6.76	-0.04	1.98	0.11	-117	-2	5.07	-1.15	18.8	-12	26.30	-1.6	157	13.54
9:23	X		6.79	0.03	1.94	-0.04	-118	-1	4.46	-0.61	13.3	-5.5	25.39	-0.91	157	13.54
9:28	X		6.79	0	1.97	0.03	-117	1	3.68	-0.78	8.0	-5.3	24.79	-0.6	157	13.54
9:33	X		6.79	0	2.00	0.03	-116	1	3.24	-0.44	5.7	-2.3	24.29	-0.5	157	13.54
9:38	X		6.79	0	2.00	0.00	-115	1	2.79	-0.45	9.3	3.6	24.05	-0.24	149	13.54
9:43	X		6.81	0.02	2.01	0.01	-121	-6	2.46	-0.33	120.0	110.7	23.54	-0.51	149	13.54
9:48	X		6.86	0.05	1.66	-0.35	-124	-3	2.14	-0.32	24.3	-95.7	23.33	-0.21	149	13.54
9:53	X		6.82	-0.04	1.66	0.00	-124	0	1.84	-0.30	9.4	-14.9	23.33	0	149	13.54
9:58	X		6.82	0	1.82	0.16	-121	3	1.56	-0.28	2.0	-7.4	23.48	0.15	149	13.54
10:03	X		6.81	-0.01	1.87	0.05	-123	-2	1.28	-0.28	0.0	-2	23.52	0.04	149	13.54
10:08	X		6.81	0	1.92	0.05	-122	1	1.06	-0.22	0.0	0	23.33	-0.19	149	13.54
10:13	X		6.81	0	1.97	0.05	-120	2	0.81	-0.25	0.0	0	23.24	-0.09	163	13.54
10:18	X		6.81	0	1.96	-0.01	-118	2	0.64	-0.17	0.0	0	23.11	-0.13	163	13.54
10:23	X		6.81	0	1.97	0.01	-120	-2	0.35	-0.29	0.0	0	23.05	-0.06	163	13.54
10:28	X		6.82	0.01	1.96	-0.01	-119	1	0.34	-0.01	0.0	0	23.04	-0.01	163	13.54
10:33		X	6.80	-0.02	1.98	0.02	-121	-2	0.34	0.00	0.0	0	23.01	-0.03	163	13.54

COMMENTS:

***INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**

LOW FLOW SAMPLING DATA SHEET

SHEET 1 OF 1

SITE: 601 Union Street, Brooklyn, NY CONSULTING FIRM: Vektor Consultants DATE: 7/15/2025 FIELD PERSONNEL: Ben Neumann WEATHER: 81 degrees F & cloudy

MONITOR WELL #: MW-7 WELL DEPTH: 19.25' SCREENED/OPEN INTERVAL: Bottom 10 Feet WELL PERMIT #: NA WELL DIAMETER: 2"

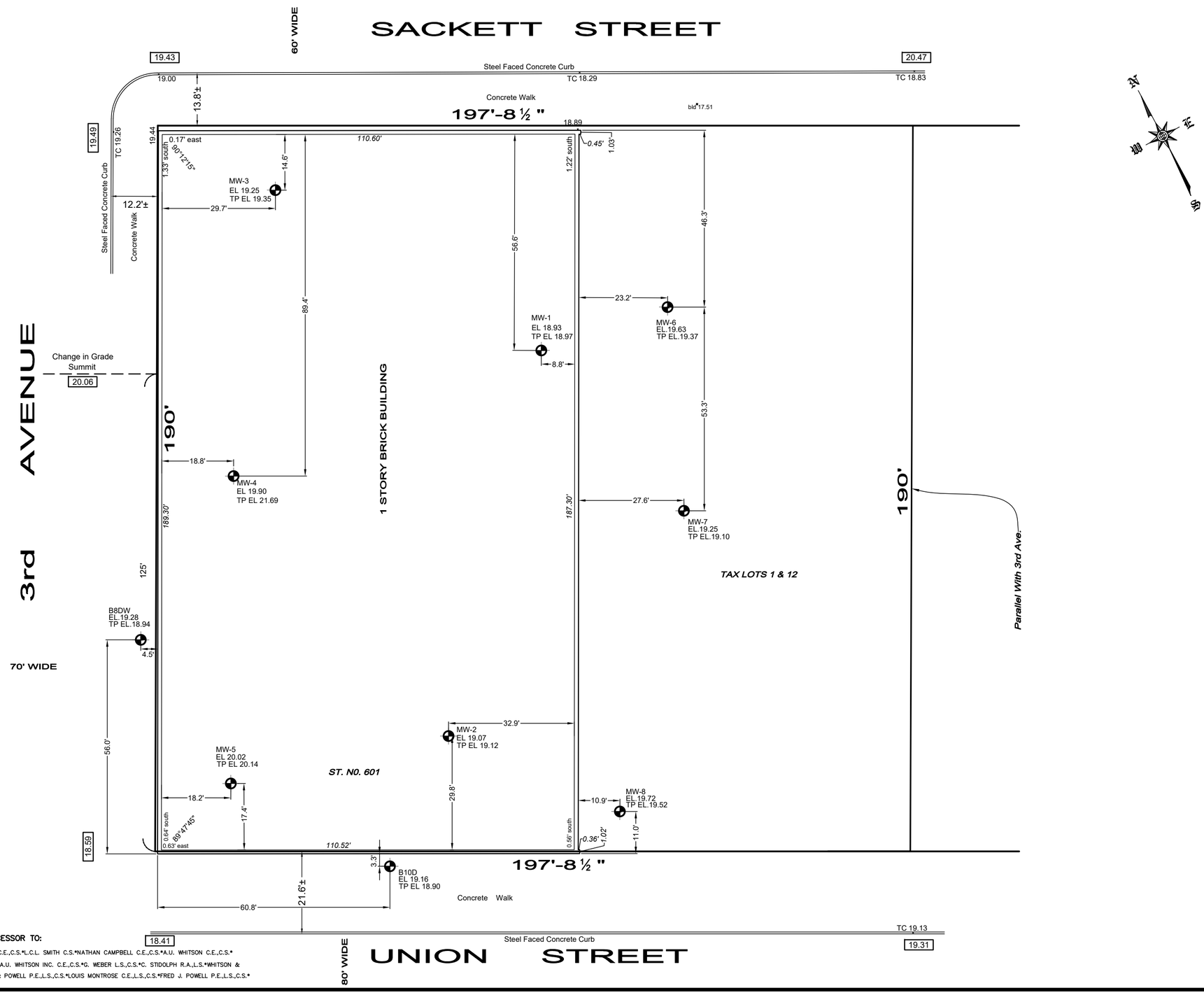
PID READINGS (PPM) BACKGROUND: 0.0 BENEATH OUTER CAP: NA BENEATH INNER CAP: 0.0

PUMP INTAKE DEPTH 16 FEET BELOW TOC DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.95 FEET BELOW TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
12:00	X		6.96	NA	0.450	NA	-67	NA	0.00	NA	8.4	NA	23.66	NA	218	12.95
12:05	X		6.88	-0.08	0.443	-0.01	-76	-9	0.00	0.00	3.5	-4.9	23.45	-0.21	218	12.95
12:10	X		6.78	-0.1	0.459	0.02	-75	1	0.00	0.00	10.3	6.8	23.30	-0.15	218	12.95
12:15	X		6.90	0.12	0.456	0.00	-86	-11	0.00	0.00	7.8	-2.5	23.28	-0.02	218	12.95
12:20	X		6.89	-0.01	0.459	0.00	-89	-3	0.00	0.00	0.0	-7.8	23.31	0.03	218	12.95
12:25	X		6.89	0	0.461	0.00	-90	-1	0.00	0.00	0.0	0	23.27	-0.04	218	12.95
12:30		X	6.90	0.01	0.463	0.00	-92	-2	0.00	0.00	0.0	0	23.33	0.06	218	12.95

COMMENTS:

***INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**



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SURVEY NO. 68101

68101001.DWG
68101001.CRD

REV	DATE	DESCRIPTION	ck
—	08-21-25	MONITORING WELL LOCATION SURVEY	
A	———	ELEVATIONS REVISED	

LEGEND

EL.....ELEVATION

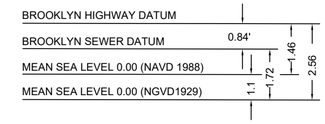
TP .....TOP OF PIPE

... MONITORING WELL

17.0 ....ESTABLISHED/LEGAL GRADE

GENERAL NOTES

1. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM.
2. ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB.
3. THIS SURVEY IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES. ALL PHYSICAL FACTS ARE NOT SHOWN.



NAVD 1988 DATUM IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM

CITY OF NEW YORK — COUNTY: KINGS

TAX BLOCK 434 — SCALE: 1" = 20'

TAX LOTS 1 & 12 — STANDARD U.S.

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DRAWN: J.R.

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APPENDIX F

DAILY STATUS REPORTS AND CAMP RESULTS

vEKtor consultants

DAILY STATUS REPORT

Prepared By: Victor Chang

NYSDEC BCP Site No:	C224392	**Date:**	July 1, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	P. Cloudy/Int. Rain, 72-88 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:
Environmental Consultant: Vektor Consultants – Ben Neumann & Victor Chang
Geophysical: Coastal Environmental Solutions – Eric Schnopp
Driller: Coastal Environmental Solutions – Brandon Sullivan
NYSDEC Representative: WSP – Chris Disclafani

Work Activities Performed:

- Coastal mobilized with Geoprobe 6011DT direct-push drill rig to advance 5 soil borings: 25SB-6, 25SB-10, 25SB-11, 25SB-12, 25SB-13, and 25SB-14 to depths ranging between 12 and 15 feet below grade. All work was conducted in accordance with the Remedial Investigation Work Plan (RIWP) dated February 21, 2025.
- Coastal performed a geophysical investigation to clear all sampling locations of subsurface obstructions and utilities.
- Groundwater was encountered at approximately 12 feet bgs during advancement of soil borings. Soil was retrieved continuously in 5-foot intervals and field screened with a photo ionization detector (PID) for presence of contamination, odor, and staining. No elevated PID readings, evidence of staining, or olfactory odors were observed in any of the soil samples.
- Soil samples were collected from each of the borings and submitted for laboratory analysis for TCL VOCs, TCL SVOCs, TAL Metals, mercury, pesticides, herbicides, and PCBs, including requisite quality assurance/quality control (QA/QC) samples. All samples were immediately placed in a cooler with ice after labeling and transported to Pace Analytical Services of Westborough, Massachusetts under proper chain of custody procedures.

Community Air Monitoring Program

Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

N/A

Planned Activities for the Next Day

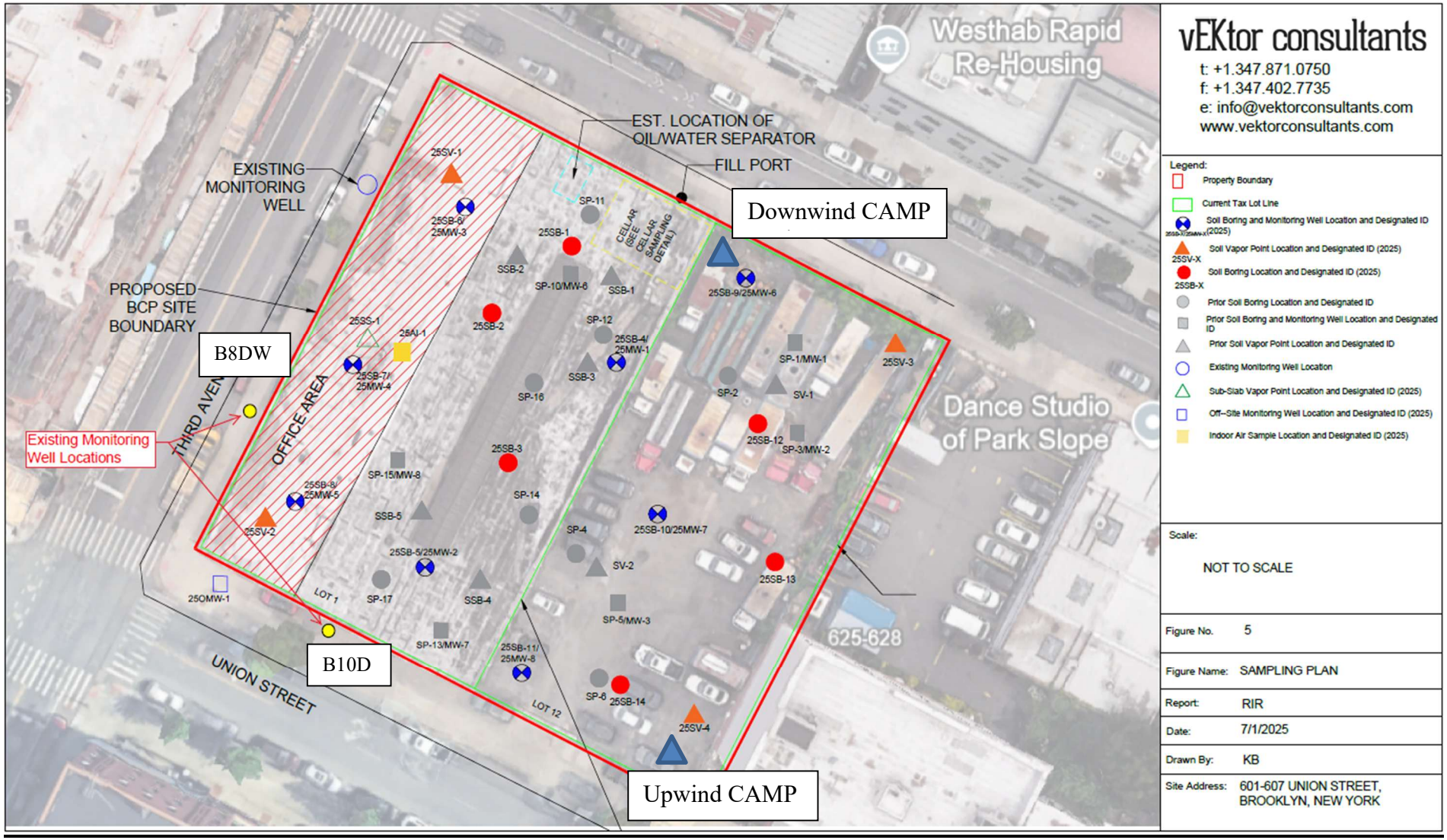
Work will continue in accordance with the RIWP including the advancement of soil borings, installation of groundwater monitoring wells and soil vapor points, and the collection and submitting of soil samples for laboratory analysis.

Samples Collected:

The following samples were collected as per the Remedial Investigation Work Plan dated February 21, 2025:

Soil Boring ID	Sample Depths (ft)	Vertical Representation
25SB-6	(0-2’)	Shallowest (below slab)
	(11-10’)	Deepest interval above groundwater
25SB-10	(0-2’)	Shallowest (below slab)
	(11-10’)	Deepest interval above groundwater
25SB-11	(0-2’)	Shallowest (below slab)
	(11-10’)	Deepest interval above groundwater
25SB-12	(0-2’)	Shallowest (below slab)
	(11-10’)	Deepest interval above groundwater
25SB-13	(0-2’)	Shallowest (below slab)
	(11-10’)	Deepest interval above groundwater
25SB-14	(0-2’)	Shallowest (below slab)
	(7-9’)	Intermediate interval below fill layer
	(11-12’)	Deepest interval above groundwater

SITE PLAN / WORK AREAS



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www.vektorconsultants.com

Legend:
- Property Boundary
- Current Tax Lot Line
- Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X: Soil Vapor Point Location and Designated ID (2025)
- 25SB-X: Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off-Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale: NOT TO SCALE

Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

PHOTO LOG

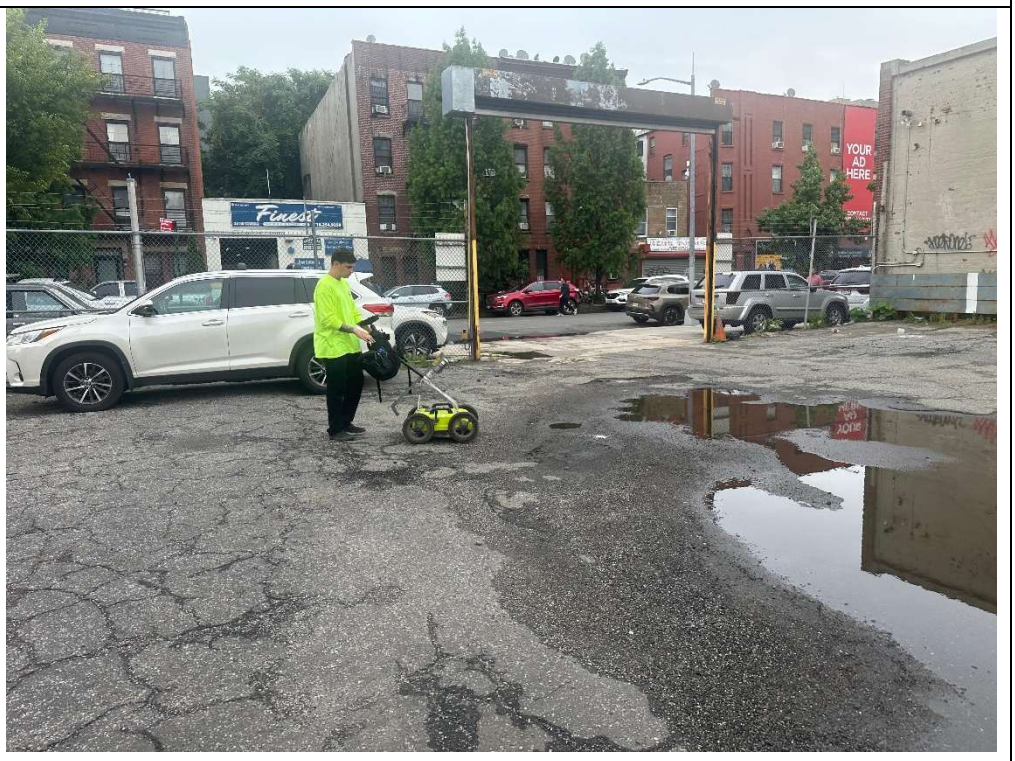
Photo 1: Coastal Environmental Solutions (Coastal) mobilizing to the exterior yard, the eastern portion of the Site. View facing west.	
Photo 2: Coastal conducting geophysical investigation to clear boring and sampling locations. View facing southwest.	

Photo 3: Advancing soil boring 25SB-14 in the eastern portion of the Site. View facing northwest.	
Photo 4: Existing monitoring well (B10D) observed along Union Street. View facing north.	

CAMP DATA

vEKtor consultants

37 W. 37th St, 6th Floor - New York, NY

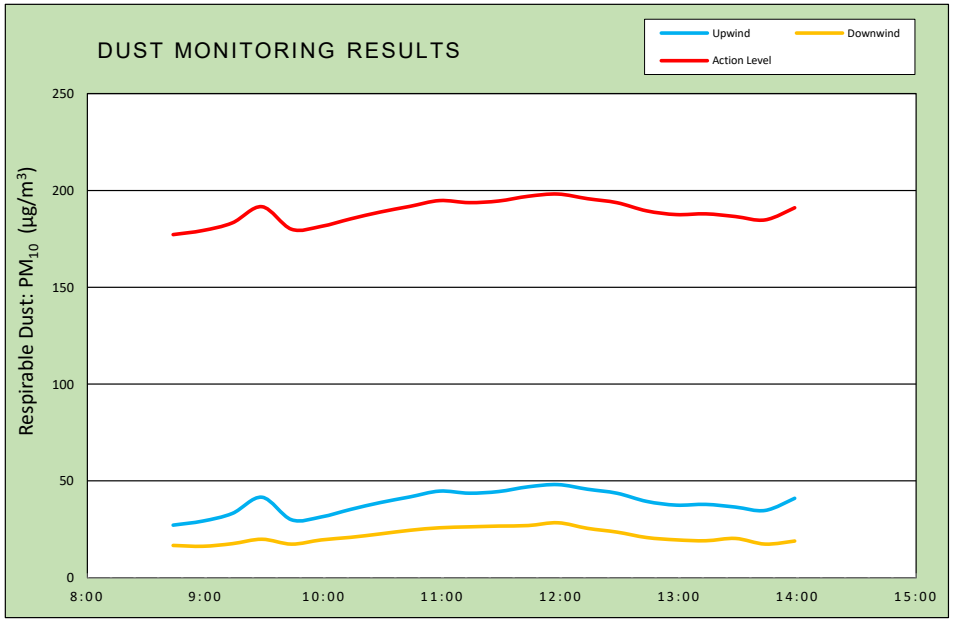
DAILY AIR MONITORING REPORT
601 Union Street
Brooklyn, New York

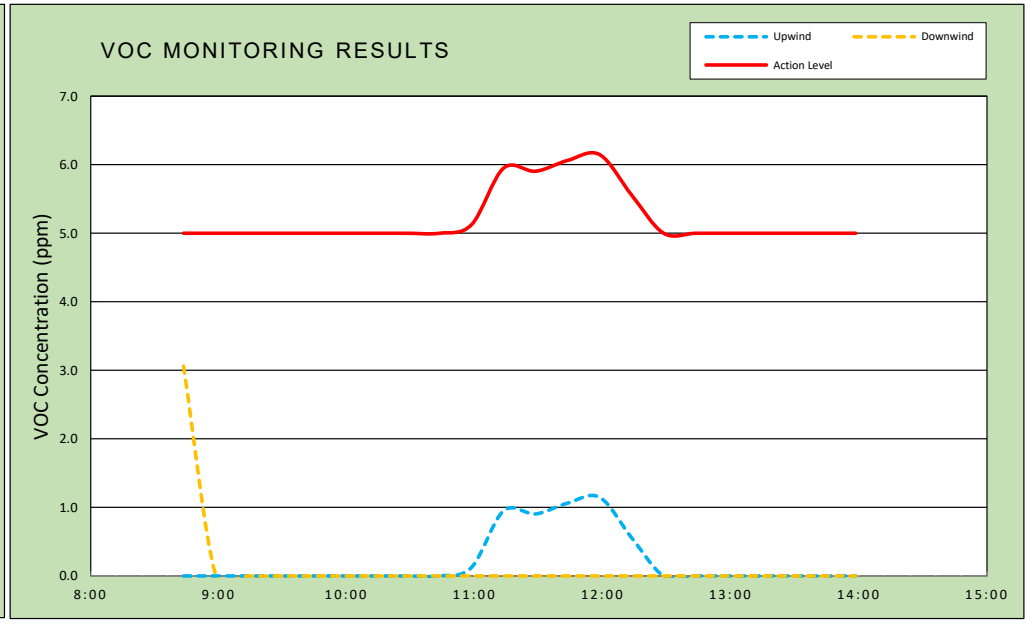
07/01/2025

Rev. No. 0	Page 1 of 2
Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	SW	Relative Humidity (%)	63.0 - 98.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	73.0 - 91.0	Wind Speed (MPH)	1.3 - 7.6	Barometer (inHg)	29.90 - 29.90	Avg. Dew Point Temp (°F)	75.2	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	38.6	48.1	11:59	0.2	1.1	11:59
Downwind	21.4	28.4	11:59	0.1	3.1	9:14



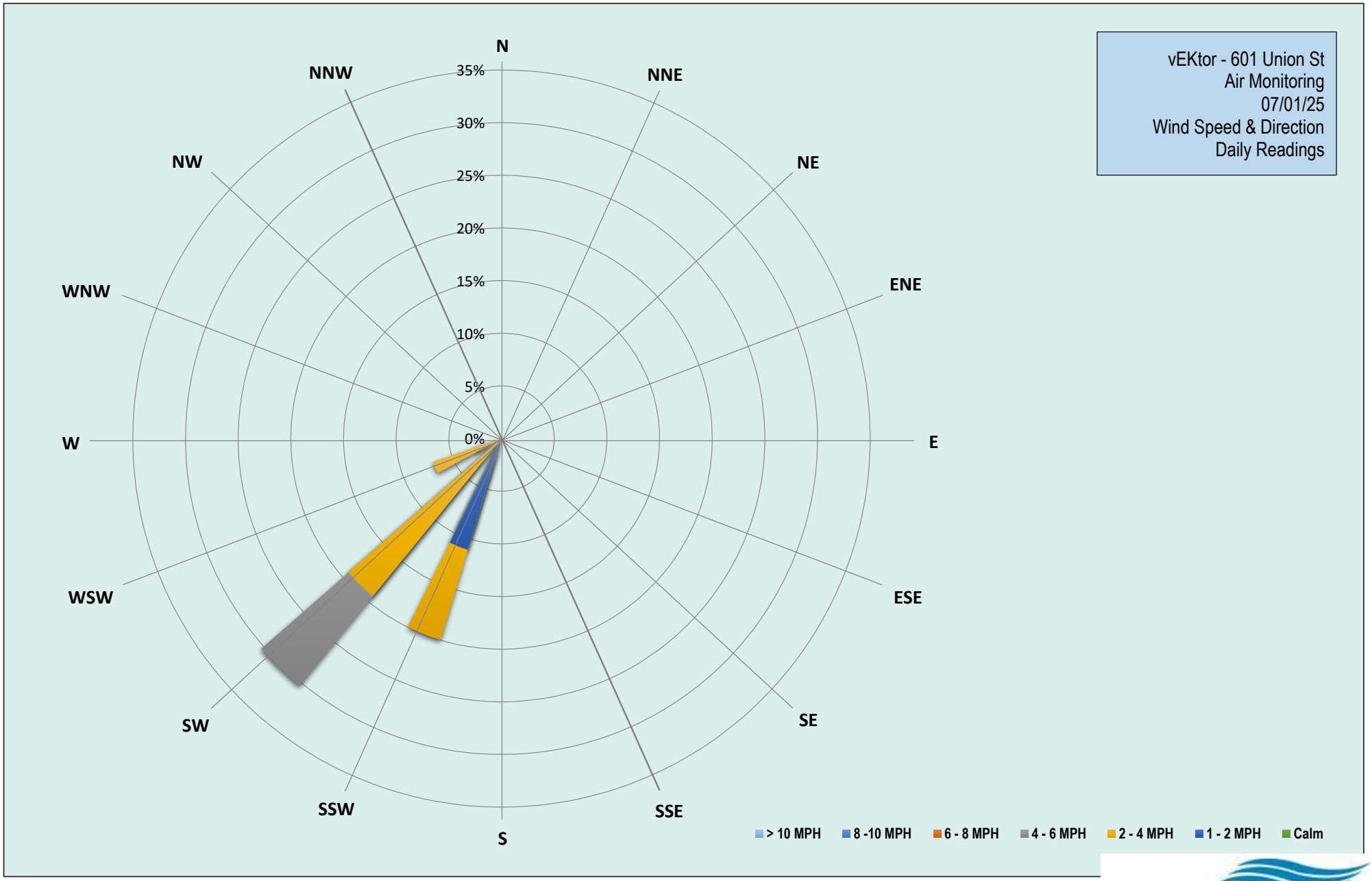


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

Tuesday, July 1, 2025				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				22
Start Time:				8:44
End Time:				13:59
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
8:44	27.2	8:44	16.7	-
8:59	29.3	8:59	16.3	-
9:14	33.2	9:14	17.6	-
9:29	41.6	9:29	19.9	-
9:44	30.0	9:44	17.4	-
9:59	31.4	9:59	19.6	-
10:14	35.3	10:14	20.9	-
10:29	38.9	10:29	22.7	-
10:44	41.8	10:44	24.5	-
10:59	44.8	10:59	25.8	-
11:14	43.7	11:14	26.3	-
11:29	44.5	11:29	26.7	-
11:44	47.0	11:44	27.0	-
11:59	48.1	11:59	28.4	-
12:14	45.7	12:14	25.5	-
12:29	43.7	12:29	23.6	-
12:44	39.4	12:44	20.8	-
12:59	37.5	12:59	19.6	-
13:14	37.9	13:14	19.1	-
13:29	36.5	13:29	20.3	-
13:44	34.8	13:44	17.4	-
13:59	41.1	13:59	19.0	-

Tuesday, July 1, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:44
End Time:				13:59
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:44	0.0	8:44	3.1	-
8:59	0.0	8:59	0.0	-
9:14	0.0	9:14	0.0	-
9:29	0.0	9:29	0.0	-
9:44	0.0	9:44	0.0	-
9:59	0.0	9:59	0.0	-
10:14	0.0	10:14	0.0	-
10:29	0.0	10:29	0.0	-
10:44	0.0	10:44	0.0	-
10:59	0.1	10:59	0.0	-
11:14	1.0	11:14	0.0	-
11:29	0.9	11:29	0.0	-
11:44	1.1	11:44	0.0	-
11:59	1.1	11:59	0.0	-
12:14	0.6	12:14	0.0	-
12:29	0.0	12:29	0.0	-
12:44	0.0	12:44	0.0	-
12:59	0.0	12:59	0.0	-
13:14	0.0	13:14	0.0	-
13:29	0.0	13:29	0.0	-
13:44	0.0	13:44	0.0	-
13:59	0.0	13:59	0.0	-

vEKtor consultants

DAILY STATUS REPORT

Prepared By: Victor Chang

NYSDEC BCP Site No:	C224392	**Date:**	July 7, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	P. Cloudy, 75-86 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & Izzy Hettleman

Driller: Coastal Environmental Solutions – Brandon Sullivan & Jason Rosser

NYSDEC Representative: WSP – Chris Disclafani

Work Activities Performed:

- Coastal continued using a Geoprobe 6011DT direct-push drill rig to advance soil borings to facilitate the collection of waste characterization samples to facilitate soil disposal facility approvals in Grids A3, A4, B3, and B4 to depths ranging between 5 and 12 feet below grade. Soil samples were collected as five-point composite samples with a volatile organic compound (VOC) grab sample for each depth interval representative of the respective waste characterization grid. Additional total and TCLP samples were collected in the same grids to confirm historically elevated concentrations of lead and mercury to supplement disposal facility approvals.
- Soil samples were collected from each of the borings and submitted for laboratory analysis for TCL+10 VOCs, TCL+20 SVOCs, TAL Metals, TCLP RCRA 8 Metals, PCBs, hexavalent chromium, mercury, boron, molybdenum, ammonia, tin, pesticides, herbicides, EPH, and RCRA characteristics. All samples were immediately placed in a cooler with ice after labeling and transported to Pace Analytical Services of Westborough, Massachusetts under proper chain of custody procedures.

Community Air Monitoring Program

Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

N/A

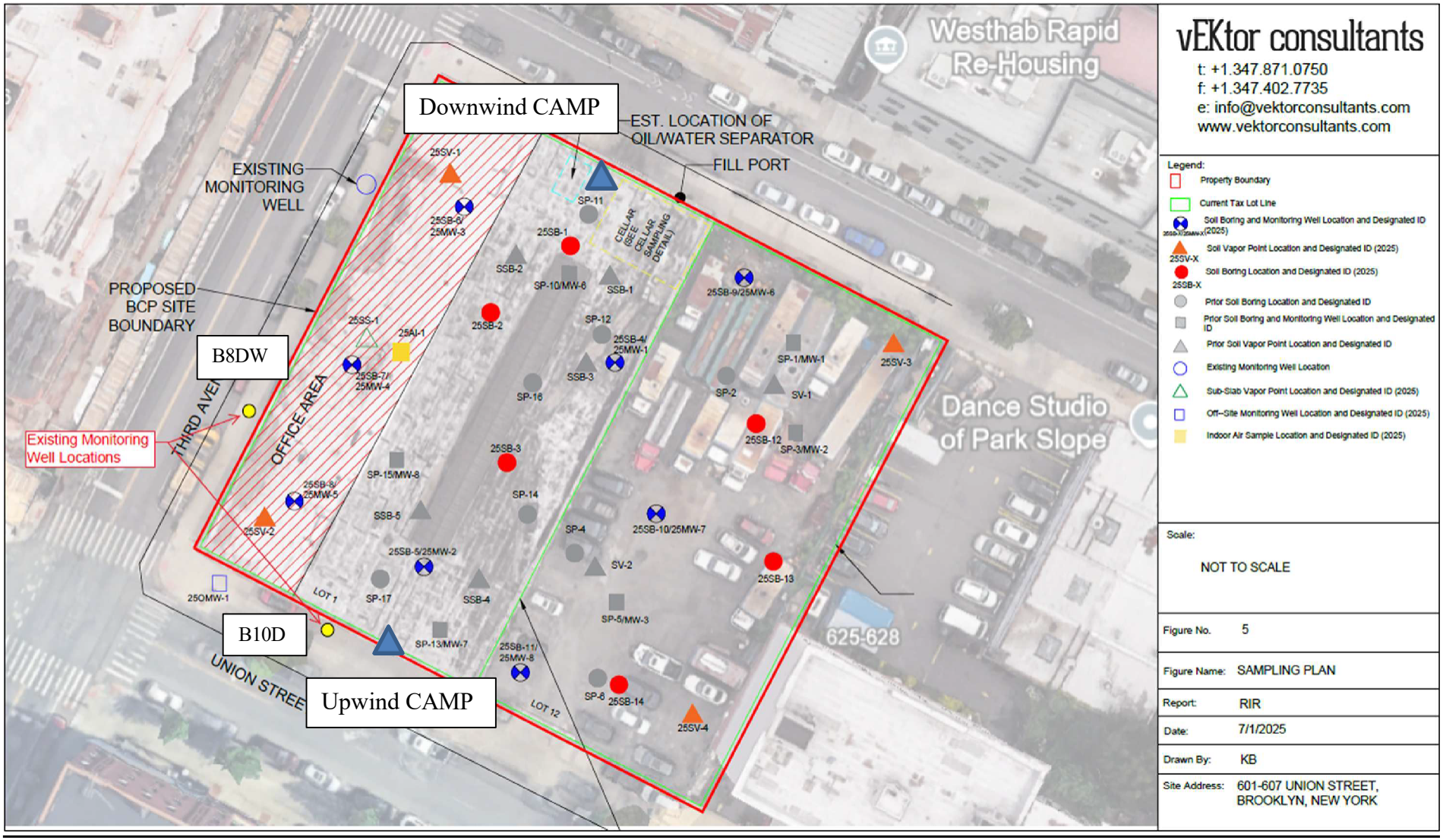
Planned Activities for the Next Day

The remedial investigation will continue in accordance with the RIWP including the advancement of soil borings, installation of groundwater monitoring wells and soil vapor points, and the collection and submitting of soil and soil vapor samples for laboratory analysis. Collection of waste characterization samples to facilitate disposal facility approvals will continue.

Samples Collected:

Waste characterization samples were collected in Grids A3, A4, B3, and B4.

SITE PLAN / WORK AREAS



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Legend:
- Property Boundary
- Current Tax Lot Line
- Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X Soil Vapor Point Location and Designated ID (2025)
- 25SB-X Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale: NOT TO SCALE

Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

WASTE CHARACTERIZATION PLAN

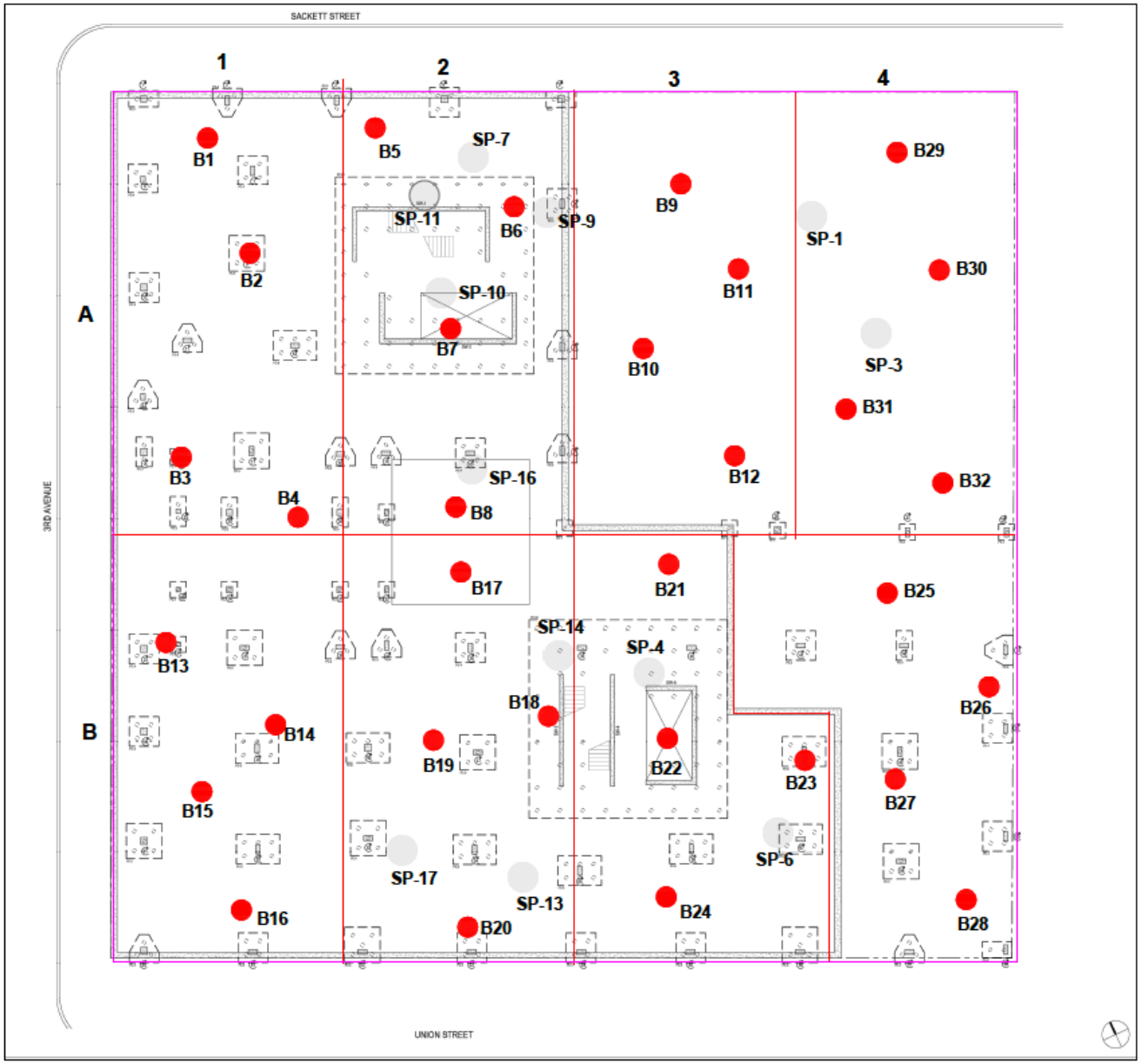

PHOTO LOG

Photo 1: Coastal Environmental Solutions (Coastal) advancing soil borings in Grid WC-B4 for the collection of waste characterization samples. View facing south.	
Photo 2: Marking out waste characterization soil borings in Grids WC-A4 and WC-B4. View facing northeast.	

Photo 3: Coastal advancing soil borings in Grid WC-B3 for the collection of waste characterization samples. View facing west.	
Photo 4: Implementation of Community Air Monitoring Program (CAMP) Station. View facing west.	

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37 W. 37th St, 6th Floor - New York, NY

DAILY AIR MONITORING REPORT
601 Union Street
Brooklyn, New York

07/07/2025

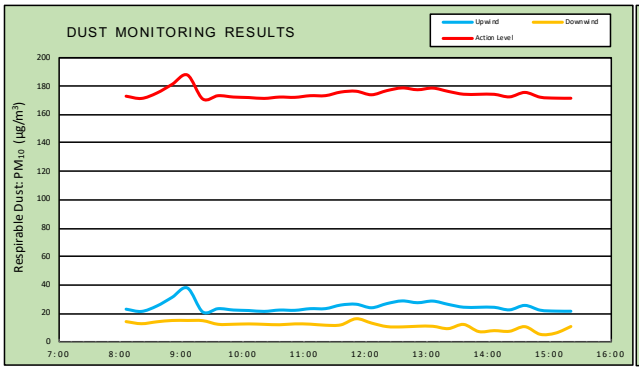
Rev. No. 0 | Page 1 of 2

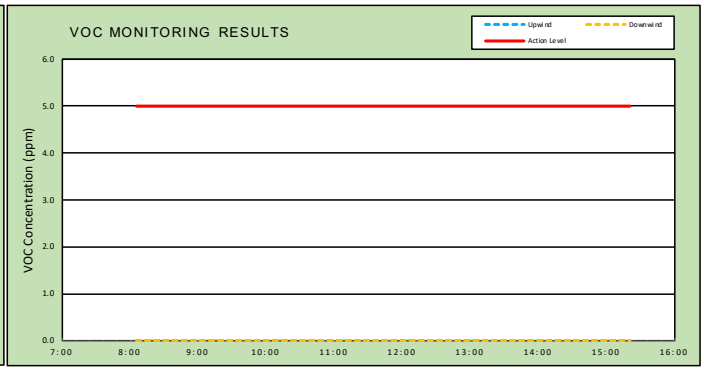
Project Number:

Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	SSE	Relative Humidity (%)	77.0 - 94.0	Daily Rain Total (in)	0.22	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	76.0 - 86.0	Wind Speed (MPH)	1.7 - 7.0	Barometer (inHg)	30.00 - 30.00	Avg. Dew Point Temp (°F)	76.0	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	24.6	37.8	9:06	0.0	0.0	8:06
Downwind	11.4	16.2	11:51	0.0	0.0	8:06

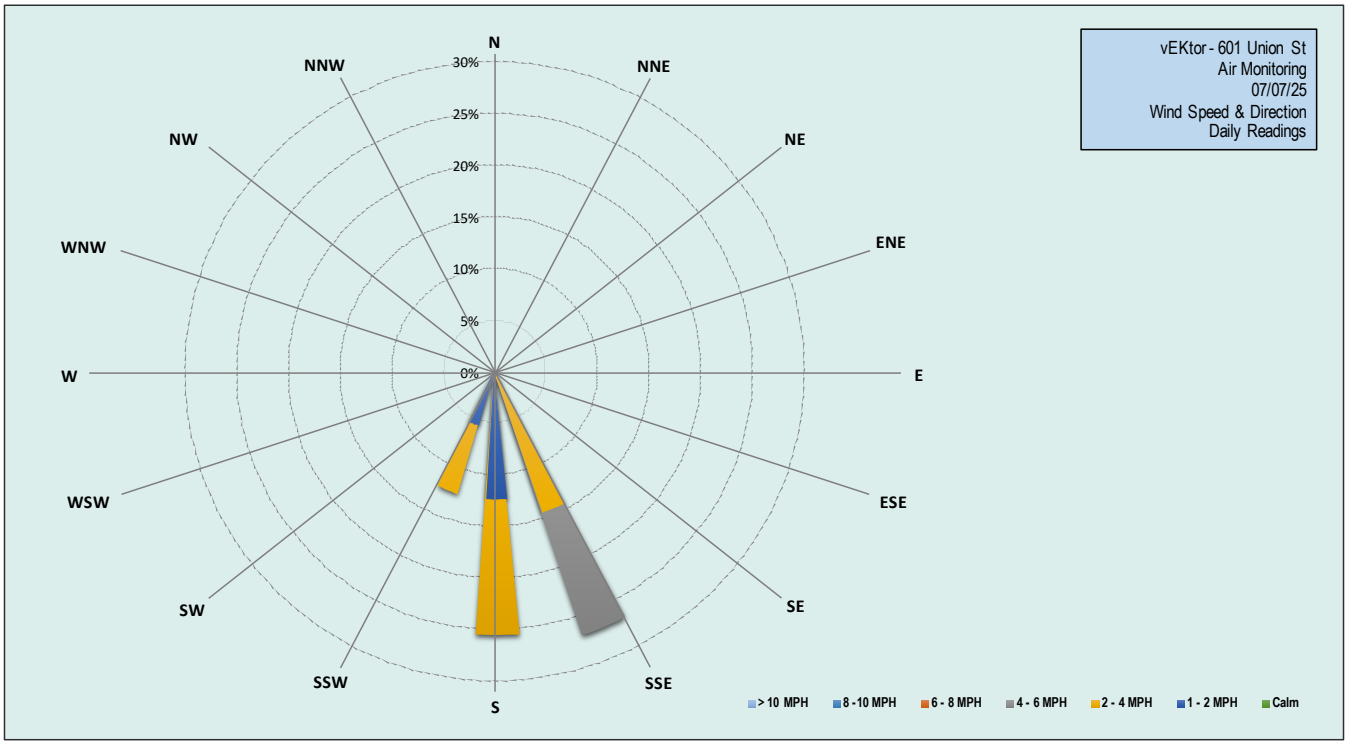




Air Monitoring Notes:

Weather Notes:

Wind Rose


vEKtor - 601 Union St
Air Monitoring
07/07/25
Wind Speed & Direction
Daily Readings
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
30%
25%
20%
15%
10%
5%
0%
> 10 MPH
8 -10 MPH
6 - 8 MPH
4 - 6 MPH
2 - 4 MPH
1 - 2 MPH
Calm

Monday, July 7, 2025				
Number of Instances Where Downwind Particulates Exceeds				0
Number of Comparable Data Points =				30
Start Time:				8:06
End Time:				15:21
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
8:06	22.9	8:06	14.2	-
8:21	21.3	8:21	12.7	-
8:36	25.1	8:36	14.0	-
8:51	31.3	8:51	15.0	-
9:06	37.8	9:06	15.0	-
9:21	20.9	9:21	14.8	-
9:36	23.3	9:36	12.3	-
9:51	22.3	9:51	12.3	-
10:06	22.0	10:06	12.5	-
10:21	21.4	10:21	12.2	-
10:36	22.3	10:36	12.0	-
10:51	22.1	10:51	12.6	-
11:06	23.3	11:06	12.4	-
11:21	23.3	11:21	11.6	-
11:36	25.8	11:36	11.9	-
11:51	26.4	11:51	16.2	-
12:06	23.9	12:06	13.1	-
12:21	26.8	12:21	10.7	-
12:36	28.7	12:36	10.4	-
12:51	27.5	12:51	10.9	-
13:06	28.6	13:06	10.9	-
13:21	26.3	13:21	9.2	-
13:36	24.3	13:36	12.2	-
13:51	24.3	13:51	7.1	-
14:06	24.2	14:06	7.8	-
14:21	22.4	14:21	7.4	-
14:36	25.6	14:36	10.6	-
14:51	22.2	14:51	5.2	-
15:06	21.5	15:06	6.1	-
15:21	21.5	15:21	10.7	-

Monday, July 7, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:06
End Time:				15:21
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:06	0.0	8:06	0.0	-
8:21	0.0	8:21	0.0	-
8:36	0.0	8:36	0.0	-
8:51	0.0	8:51	0.0	-
9:06	0.0	9:06	0.0	-
9:21	0.0	9:21	0.0	-
9:36	0.0	9:36	0.0	-
9:51	0.0	9:51	0.0	-
10:06	0.0	10:06	0.0	-
10:21	0.0	10:21	0.0	-
10:36	0.0	10:36	0.0	-
10:51	0.0	10:51	0.0	-
11:06	0.0	11:06	0.0	-
11:21	0.0	11:21	0.0	-
11:36	0.0	11:36	0.0	-
11:51	0.0	11:51	0.0	-
12:06	0.0	12:06	0.0	-
12:21	0.0	12:21	0.0	-
12:36	0.0	12:36	0.0	-
12:51	0.0	12:51	0.0	-
13:06	0.0	13:06	0.0	-
13:21	0.0	13:21	0.0	-
13:36	0.0	13:36	0.0	-
13:51	0.0	13:51	0.0	-
14:06	0.0	14:06	0.0	-
14:21	0.0	14:21	0.0	-
14:36	0.0	14:36	0.0	-
14:51	0.0	14:51	0.0	-
15:06	0.0	15:06	0.0	-
15:21	0.0	15:21	0.0	-

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DAILY STATUS REPORT

Prepared By: Victor Chang

NYSDEC BCP Site No:	C224392	**Date:**	July 11, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	P. Cloudy, 73-84 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & Peter Rathsack

Driller: Coastal Environmental Solutions – Patrick Kirwa & Paul Nelson

NYSDEC Representative:– WSP - Chris Disclafani; NYSDEC – Rafi Alam

Work Activities Performed:

- Coastal mobilized an Eijkelkamp SonicSampDrill SRS ML rotosonic drill rig to advance soil borings to evaluate the source of Grossly Contaminated Material (GCM) and Non-Aqueous Phase Liquid (NAPL) material at the site, and if discovered to delineate the nature and extent of contamination.
- No GCM/NAPL were observed in the soil boring, however, under the direction of NYSDEC two samples were collected at the depth intervals 27-28 and 40-41 feet below grade and placed on hold until further direction is received.
- One of two of the borings, GCM #2 for the GCM investigation consists of two soil borings was advanced and completed to approximately 90 feet below grade surface. All soil drill cuttings were containerized in 55-gallon steel drums and boreholes were patched to match pre-existing conditions at the end of the workday.
- All work was done in accordance with the On-Site Contaminant Delineation letter dated January 23, 2025, from the NYSDEC.

Community Air Monitoring Program

Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

N/A

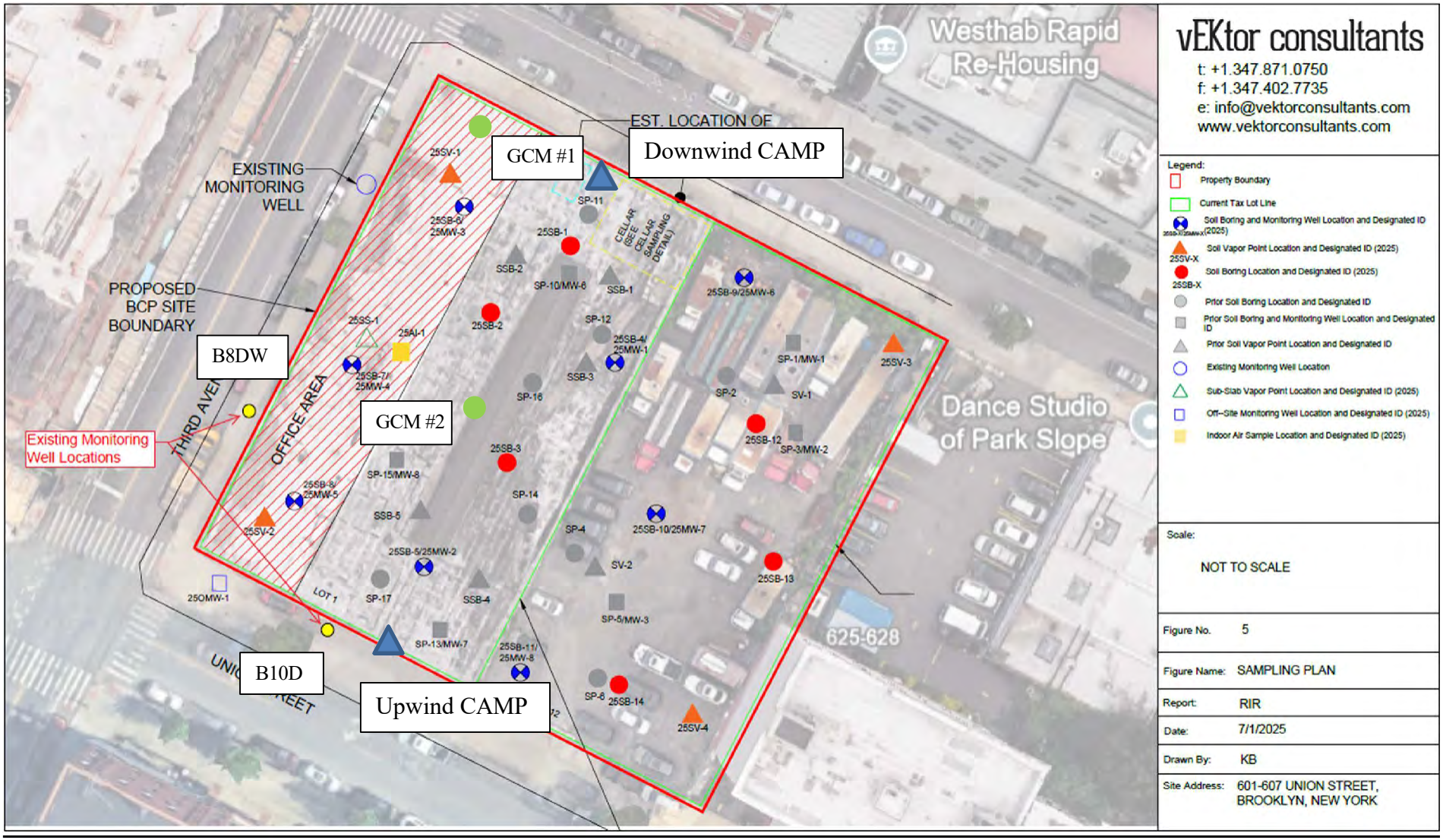
Planned Activities for the Next Day

The GCM investigation will continue with installation of GCM #1. The remedial investigation will continue in accordance with the RIWP including collection and submitting of groundwater and soil samples for laboratory analysis.

Samples Collected:

GCM (27-28) and GCM2 (40-41) were collected from soil boring GCM #2 and placed on hold.

SITE PLAN / WORK AREAS



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Legend:
- Property Boundary
- Current Tax Lot Line
- Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X Soil Vapor Point Location and Designated ID (2025)
- 25SB-X Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off-Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale:	NOT TO SCALE
Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

vEKtor consultants

BCP No: C224392
July 7, 2025

WASTE CHARACTERIZATION PLAN

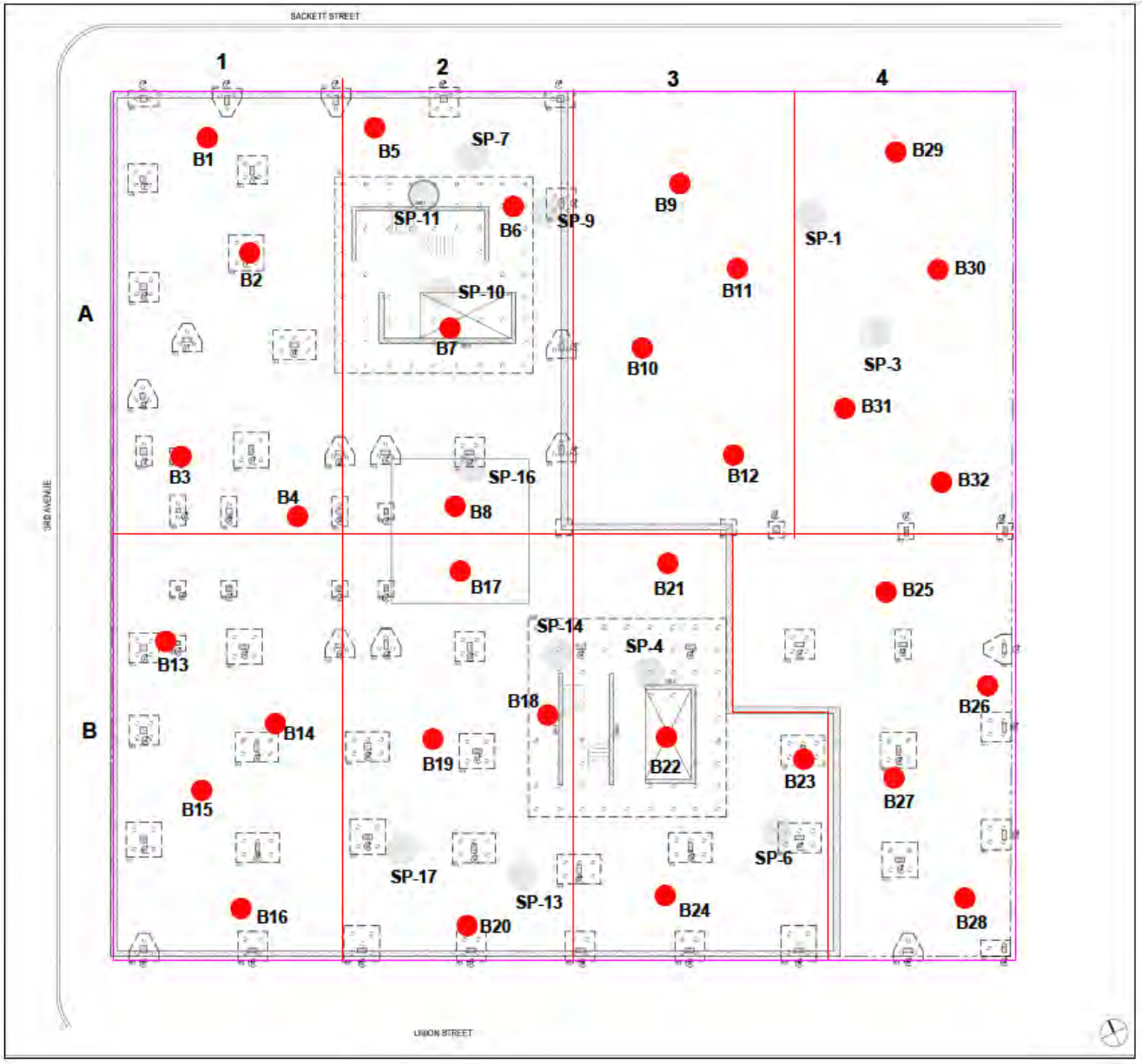


PHOTO LOG

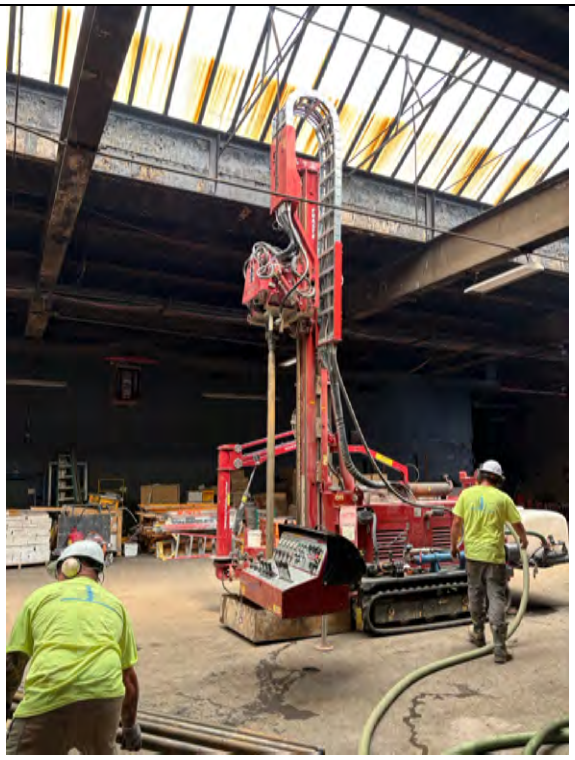
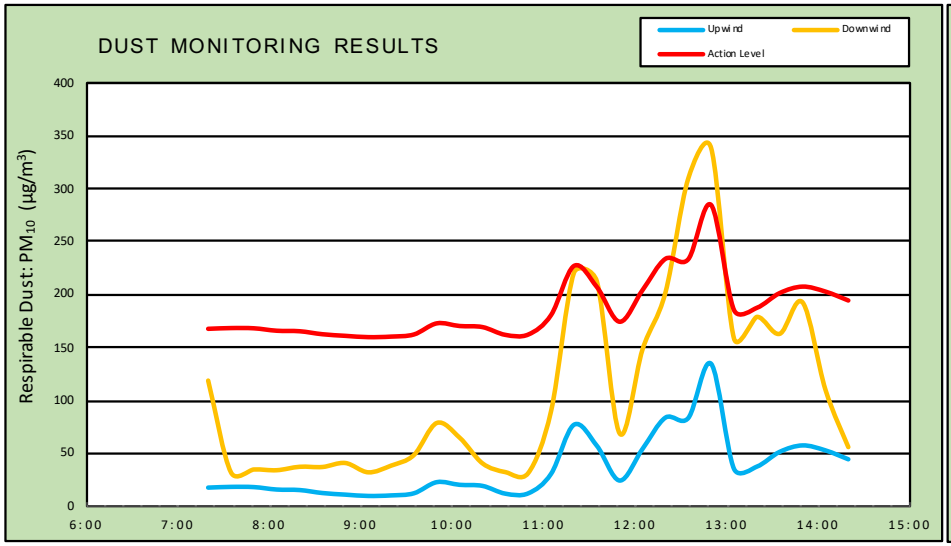
Photo 1: Coastal Environmental Solutions (Coastal) mobilizing the rotosonic drill rig to facilitate the GCM investigation. View facing east.	
Photo 2: Drilling at boring location GCM #2 for the GCM investigation. View facing east.	

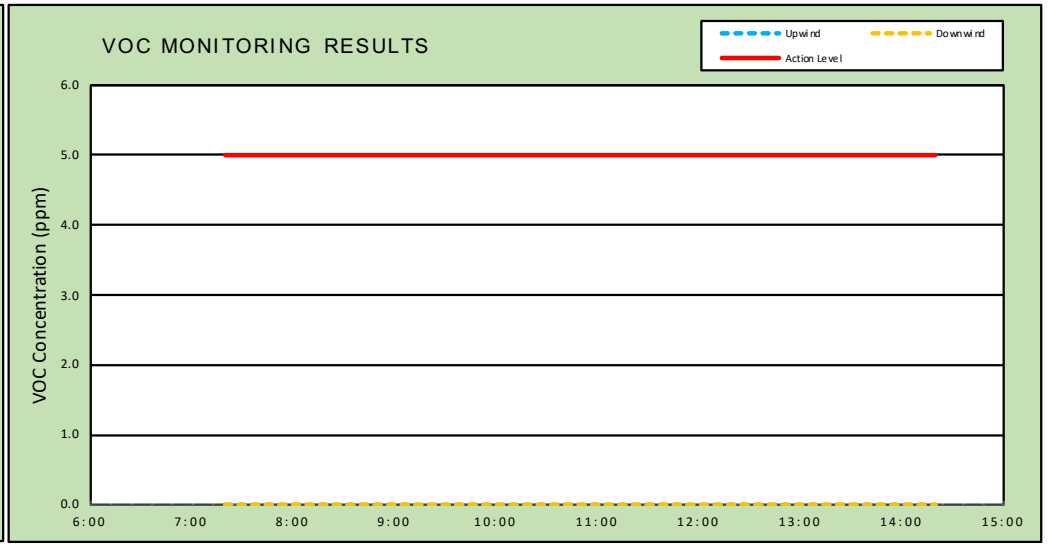
Photo 3: View of soil boring sleeves from GCM #2 from depths 0-30 feet below grade surface. View facing west.	
Photo 4: Implementation of Community Air Monitoring Program (CAMP) Station. View facing southwest.	

vEKtor consultants	DAILY AIR MONITORING REPORT 601 Union Street Brooklyn, New York	07/11/2025	
37 W. 37th St, 6th Floor - New York, NY		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m^3
		VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	SE	Relative Humidity (%)	63.0 - 96.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	72.0 - 87.0	Wind Speed (MPH)	0.7 - 5.9	Barometer (inHg)	30.00 - 30.00	Avg. Dew Point Temp (°F)	72.1	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	36.7	134.7	12:50	0.0	0.0	7:20
Downwind	109.3	338.6	12:50	0.0	0.0	7:20



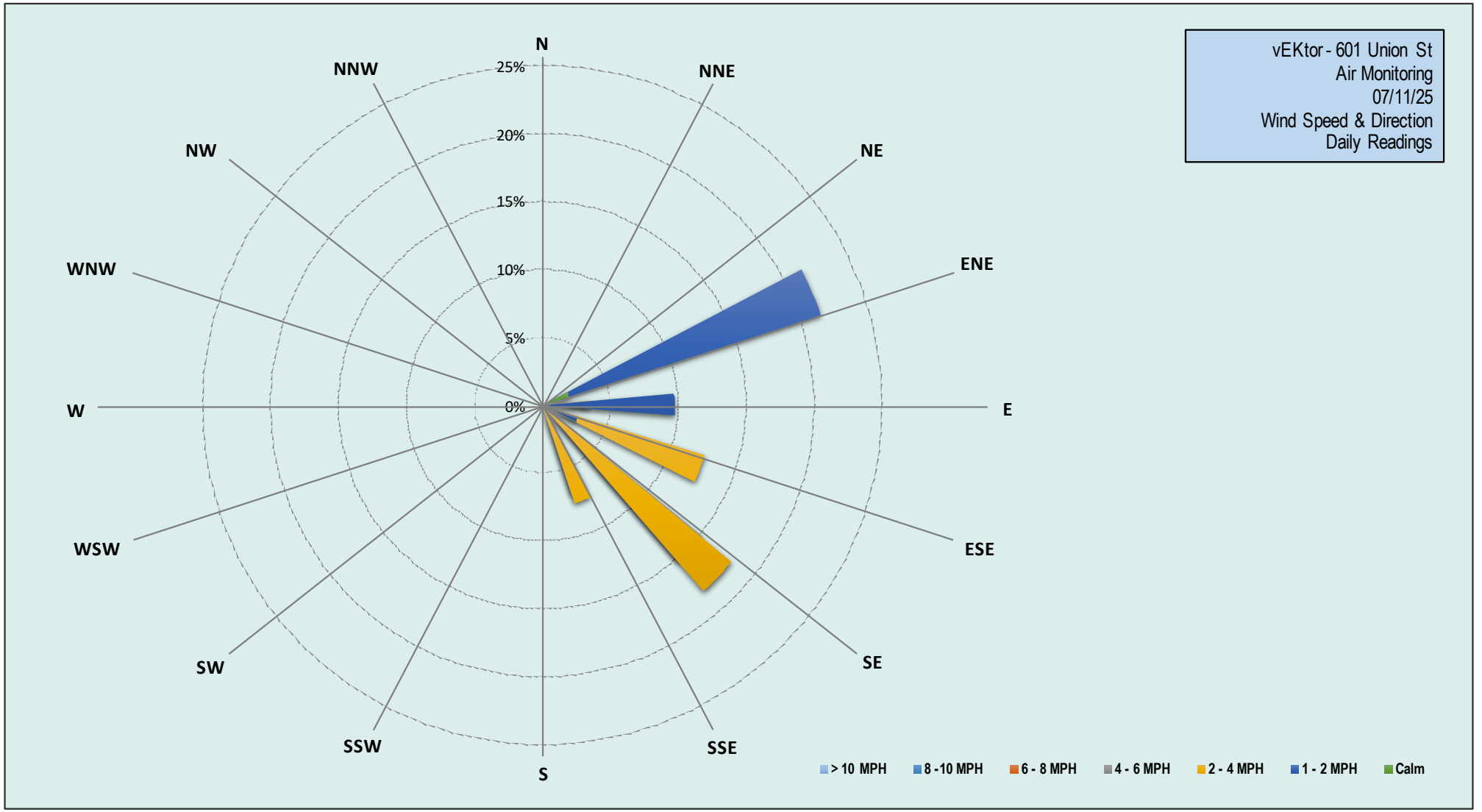


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

Friday, July 11, 2025				
Number of Instances Where Downwind Particulates Exceeds				3
Number of Comparable Data Points =				29
Start Time:				7:20
End Time:				14:20
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
7:20	17.7	7:20	118.8	-
7:35	18.4	7:35	32.0	-
7:50	18.2	7:50	34.8	-
8:05	15.9	8:05	34.1	-
8:20	15.4	8:20	37.3	-
8:35	12.6	8:35	37.1	-
8:50	11.1	8:50	40.9	-
9:05	9.9	9:05	32.1	-
9:20	10.4	9:20	38.4	-
9:35	12.4	9:35	48.5	-
9:50	22.9	9:50	78.7	-
10:05	20.4	10:05	64.8	-
10:20	19.4	10:20	40.6	-
10:35	12.0	10:35	32.3	-
10:50	12.3	10:50	31.4	-
11:05	30.8	11:05	90.0	-
11:20	77.1	11:20	220.7	-
11:35	57.3	11:35	212.7	X
11:50	24.4	11:50	68.8	-
12:05	54.3	12:05	148.3	-
12:20	83.9	12:20	201.9	-
12:35	83.5	12:35	309.8	X
12:50	134.7	12:50	338.6	X
13:05	35.5	13:05	158.6	-
13:20	37.6	13:20	179.0	-
13:35	51.6	13:35	163.0	-
13:50	57.6	13:50	192.7	-
14:05	52.9	14:05	110.1	-
14:20	44.5	14:20	55.9	-

Friday, July 11, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:20
End Time:				14:20
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:20	0.0	7:20	0.0	-
7:35	0.0	7:35	0.0	-
7:50	0.0	7:50	0.0	-
8:05	0.0	8:05	0.0	-
8:20	0.0	8:20	0.0	-
8:35	0.0	8:35	0.0	-
8:50	0.0	8:50	0.0	-
9:05	0.0	9:05	0.0	-
9:20	0.0	9:20	0.0	-
9:35	0.0	9:35	0.0	-
9:50	0.0	9:50	0.0	-
10:05	0.0	10:05	0.0	-
10:20	0.0	10:20	0.0	-
10:35	0.0	10:35	0.0	-
10:50	0.0	10:50	0.0	-
11:05	0.0	11:05	0.0	-
11:20	0.0	11:20	0.0	-
11:35	0.0	11:35	0.0	-
11:50	0.0	11:50	0.0	-
12:05	0.0	12:05	0.0	-
12:20	0.0	12:20	0.0	-
12:35	0.0	12:35	0.0	-
12:50	0.0	12:50	0.0	-
13:05	0.0	13:05	0.0	-
13:20	0.0	13:20	0.0	-
13:35	0.0	13:35	0.0	-
13:50	0.0	13:50	0.0	-
14:05	0.0	14:05	0.0	-
14:20	0.0	14:20	0.0	-

vEKtor consultants

DAILY STATUS REPORT

Prepared By: Victor Chang

NYSDEC BCP Site No:	C224392	**Date:**	July 14, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	P. Cloudy, 76-83 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & Peter Rathsack

Driller: Coastal Environmental Solutions – Steve Kuhn & Paul Nelson

NYSDEC Representative:– WSP - Chris Disclafani

Work Activities Performed:

- Coastal continued the Grossly Contaminated Material (GCM) and Non-Aqueous Phase Liquid (NAPL) investigation at the site and advanced the second boring location GCM #1 with an Eijkelkamp SonicSampDrill SRS ML rotosonic drill rig to 90 feet below grade. All soil drill cuttings were containerized in 55-gallon steel drums and boreholes were patched to match pre-existing conditions at the end of the workday.
- The GCM investigation was concluded as no GCM was found in either of the two borings, GCM #1 and GCM #2. All work was done in accordance with the On-Site Contaminant Delineation letter dated January 23, 2025, from the NYSDEC.
- Vektor Consultants continued with the Remedial Investigation (RI) and sampled groundwater monitoring wells MW-1, MW-2, and MW-5.

Community Air Monitoring Program

Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

- During drilling an overhead fire sprinkler line was damaged which caused water to leak from the pipe. Work was paused and the water was contained to prevent off-site migration. FDNY came on site and shut off the sprinkler system valve. A plumber was scheduled to fix the sprinkler line. Work resumed after receiving confirmation from FDNY and NYSDEC.

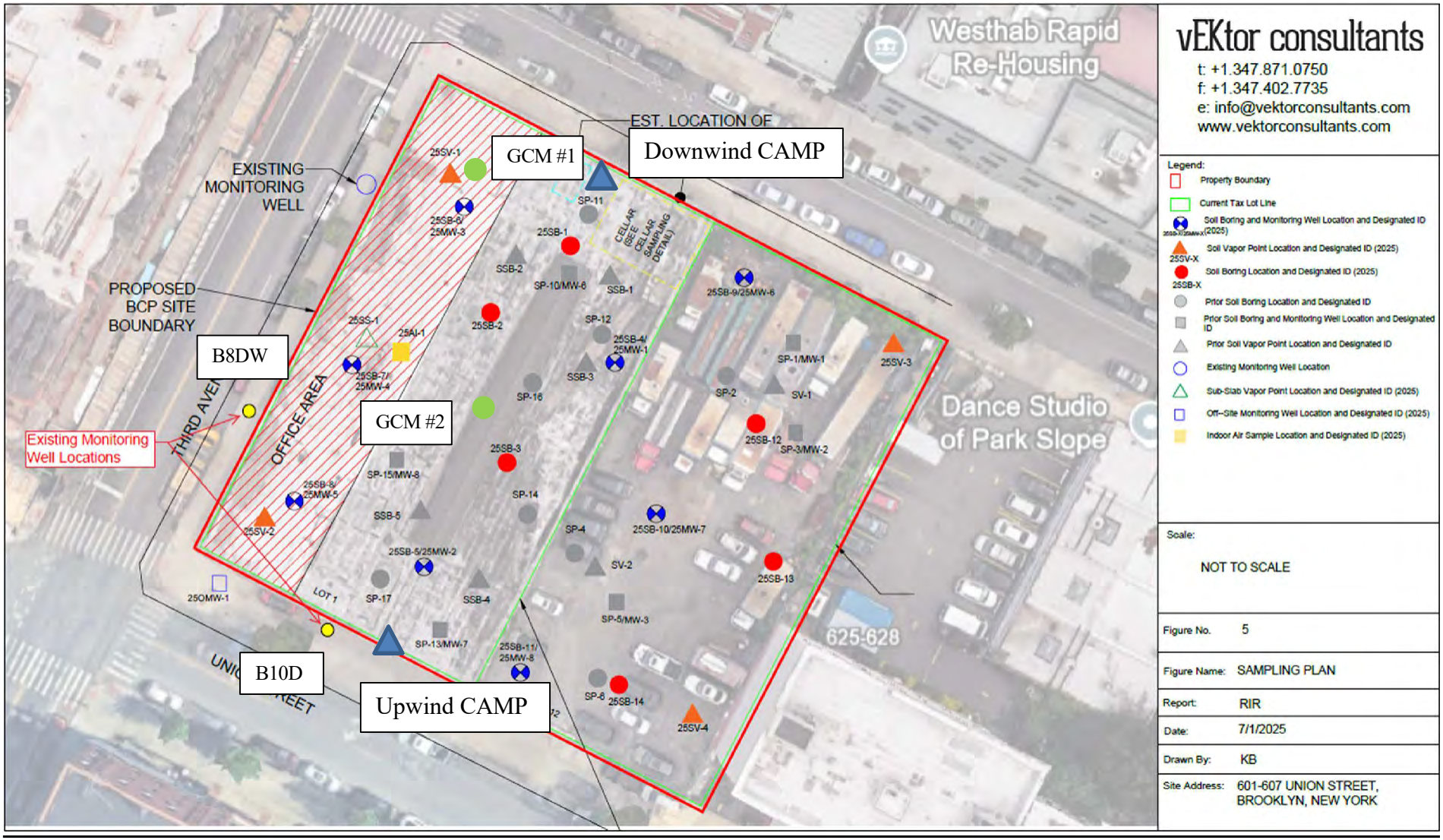
Planned Activities for the Next Day

The remedial investigation will continue in accordance with the RIWP including collection and submitting of groundwater and soil samples for laboratory analysis.

Samples Collected:

MW-1, MW-2, MW-5 and requisite QA/QC samples.

SITE PLAN / WORK AREAS



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Legend:
- Property Boundary
- Current Tax Lot Line
- Soil Boring and Monitoring Well Location and Designated ID (2025)
- 25SV-X Soil Vapor Point Location and Designated ID (2025)
- 25SB-X Soil Boring Location and Designated ID (2025)
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
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- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale:	NOT TO SCALE
Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

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BCP No: C224392
July 7, 2025

WASTE CHARACTERIZATION PLAN

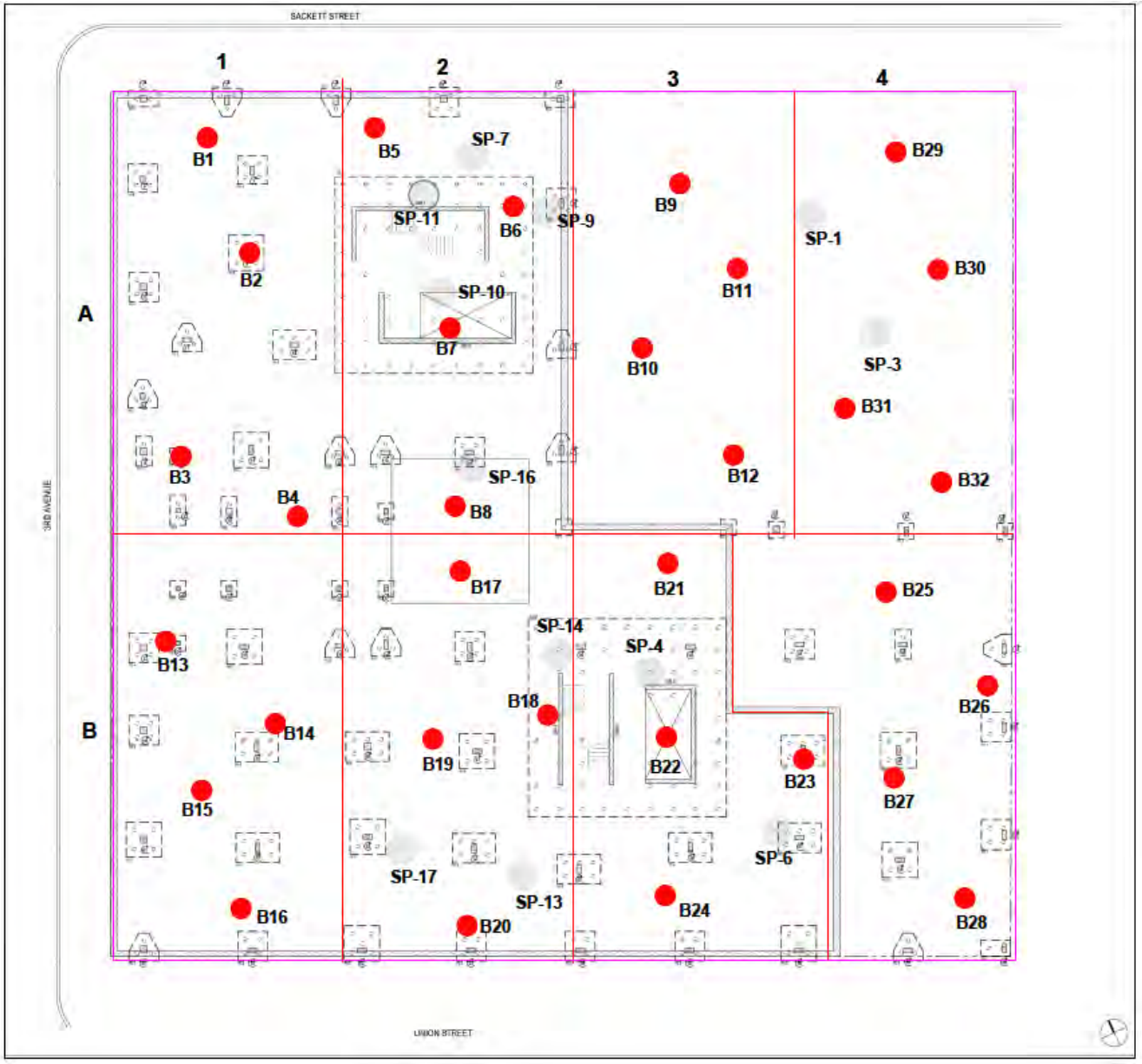
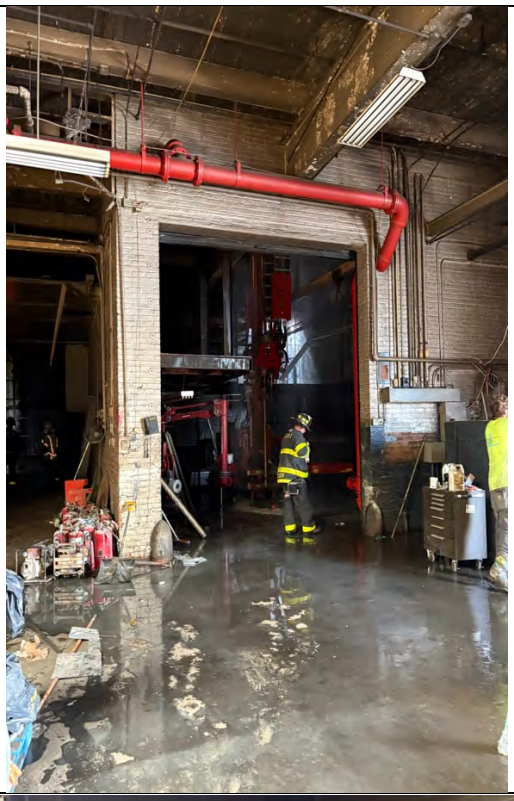


PHOTO LOG

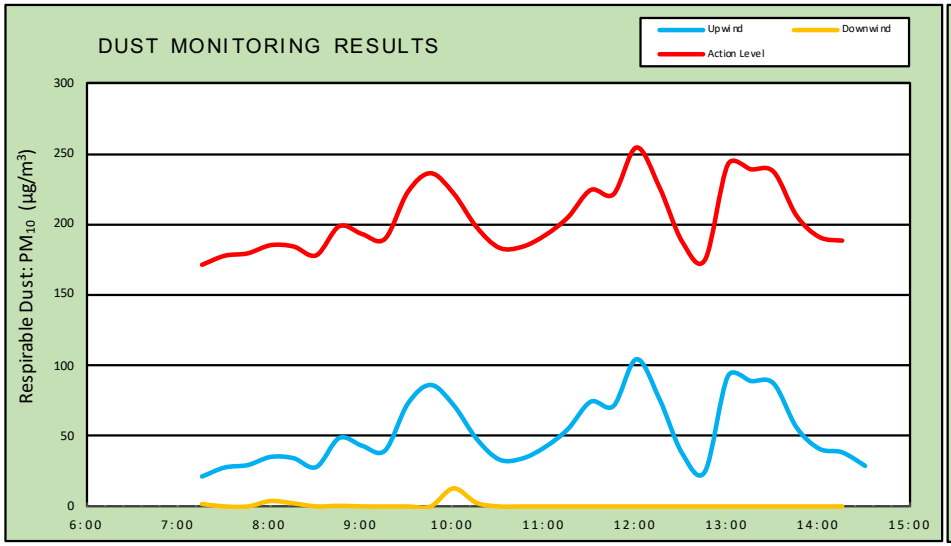
Photo 1: Coastal Environmental Solutions (Coastal) mobilizing the rotosonic drill rig to facilitate the GCM investigation. View facing east.	
Photo 2: Sampling groundwater monitoring well MW-5 in the southwestern portion of the Site. View facing west.	

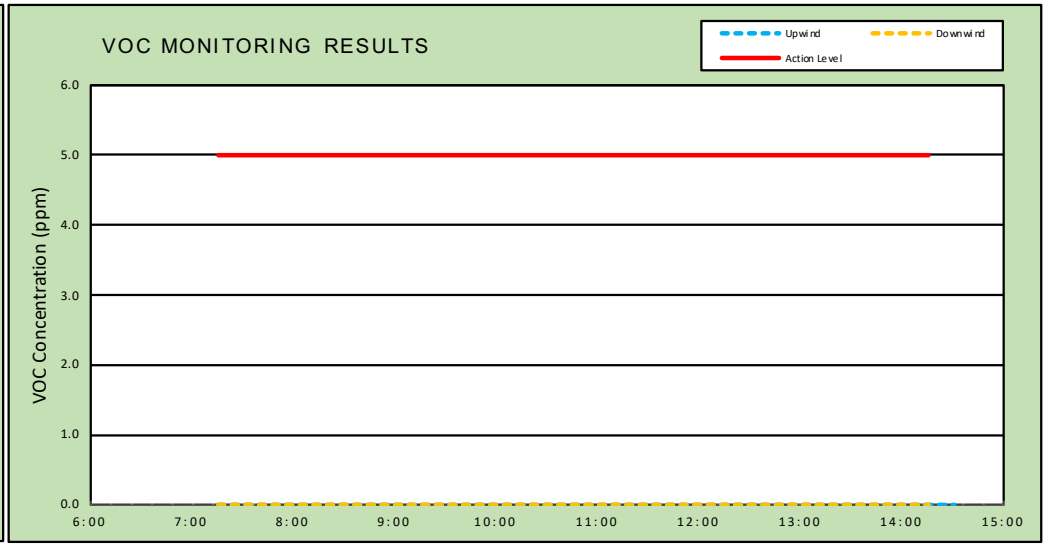
Photo 3: FDNY on-site to shut off sprinkler valve. View facing northwest.	
Photo 4: Implementation of Community Air Monitoring Program (CAMP) Station. View facing southwest.	

vEKtor consultants 37 W. 37th St, 6th Floor - New York, NY	**DAILY AIR MONITORING REPORT** **601 Union Street** **Brooklyn, New York**	**07/14/2025** Rev. No. 0 | Page 1 of 2 Project Number: Dust Action Level: 150 µg/m^3 VOC Action Level: 5 ppm

Weather Data Range for Work Day		Wind Direction	SSW	Relative Humidity (%)	66.0 - 100.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	73.0 - 89.0	Wind Speed (MPH)	0.6 - 5.9	Barometer (inHg)	30.10 - 30.10	Avg. Dew Point Temp (°F)	75.1	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	51.9	104.3	12:01	0.0	0.0	7:16
Downwind	0.8	12.8	10:01	0.0	0.0	7:16





Air Monitoring Notes:

Weather Notes:

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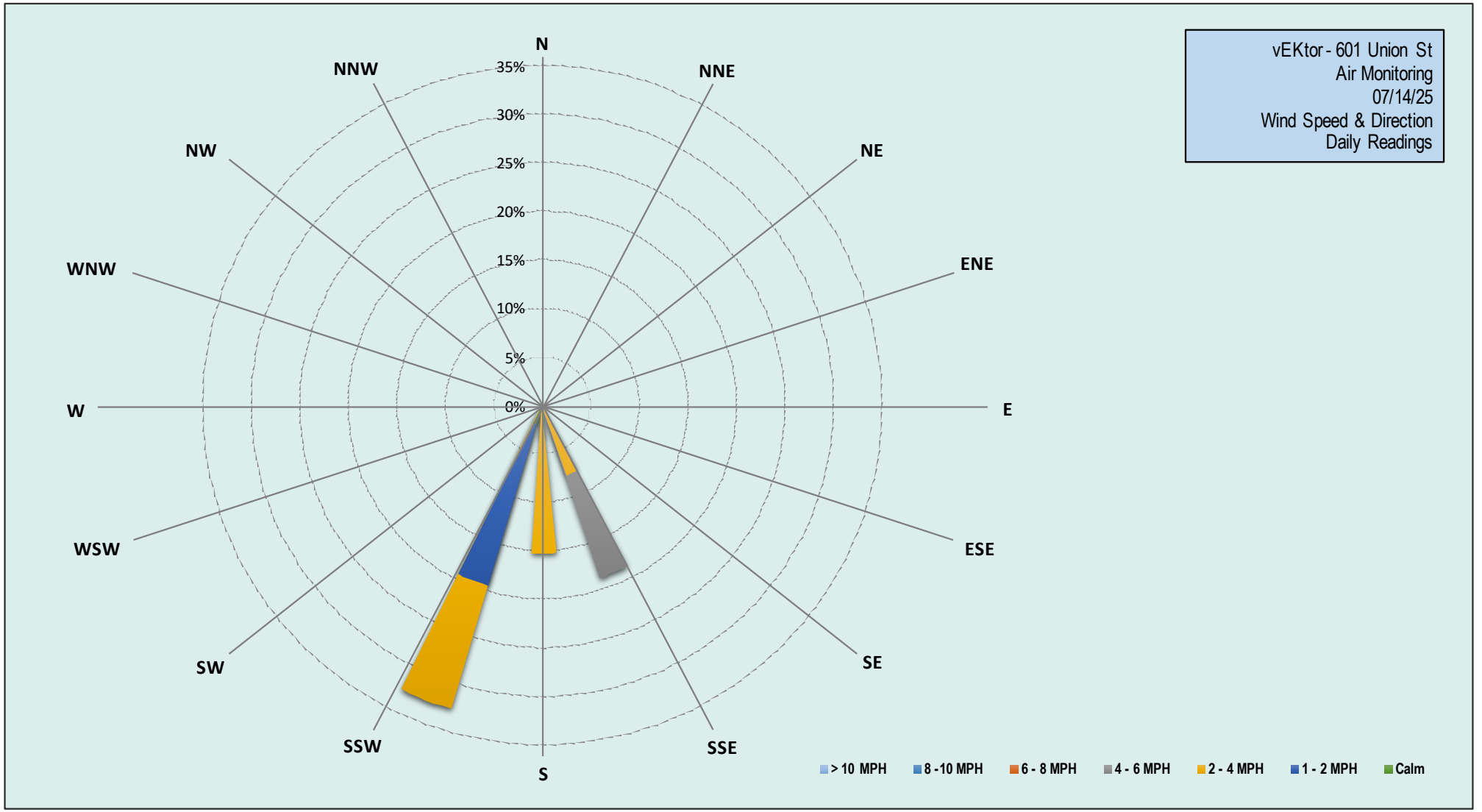
Wind Rose



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Monday, July 14, 2025				
Number of Instances Where Downwind Particulates Exceeds				0
Number of Comparable Data Points =				30
Start Time:				7:16
End Time:				14:31
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
7:16	21.2	7:16	1.7	-
7:31	27.6	7:31	0.0	-
7:46	29.3	7:46	0.0	-
8:01	35.1	8:01	3.8	-
8:16	34.2	8:16	2.2	-
8:31	27.9	8:31	0.0	-
8:46	48.5	8:46	0.5	-
9:01	43.0	9:01	0.0	-
9:16	39.6	9:16	0.0	-
9:31	72.8	9:31	0.0	-
9:46	86.1	9:46	0.0	-
10:01	71.8	10:01	12.8	-
10:16	48.0	10:16	2.6	-
10:31	33.2	10:31	0.0	-
10:46	33.9	10:46	0.0	-
11:01	42.0	11:01	0.0	-
11:16	54.8	11:16	0.0	-
11:31	74.2	11:31	0.0	-
11:46	71.2	11:46	0.0	-
12:01	104.3	12:01	0.0	-
12:16	76.4	12:16	0.0	-
12:31	37.6	12:31	0.0	-
12:46	24.8	12:46	0.0	-
13:01	92.3	13:01	0.0	-
13:16	88.9	13:16	0.0	-
13:31	87.1	13:31	0.0	-
13:46	56.0	13:46	0.0	-
14:01	40.8	14:01	0.0	-
14:16	38.3	14:16	0.0	-
14:31	28.7	14:31	-	-

Monday, July 14, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:16
End Time:				14:31
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:16	0.0	7:16	0.0	-
7:31	0.0	7:31	0.0	-
7:46	0.0	7:46	0.0	-
8:01	0.0	8:01	0.0	-
8:16	0.0	8:16	0.0	-
8:31	0.0	8:31	0.0	-
8:46	0.0	8:46	0.0	-
9:01	0.0	9:01	0.0	-
9:16	0.0	9:16	0.0	-
9:31	0.0	9:31	0.0	-
9:46	0.0	9:46	0.0	-
10:01	0.0	10:01	0.0	-
10:16	0.0	10:16	0.0	-
10:31	0.0	10:31	0.0	-
10:46	0.0	10:46	0.0	-
11:01	0.0	11:01	0.0	-
11:16	0.0	11:16	0.0	-
11:31	0.0	11:31	0.0	-
11:46	0.0	11:46	0.0	-
12:01	0.0	12:01	0.0	-
12:16	0.0	12:16	0.0	-
12:31	0.0	12:31	0.0	-
12:46	0.0	12:46	0.0	-
13:01	0.0	13:01	0.0	-
13:16	0.0	13:16	0.0	-
13:31	0.0	13:31	0.0	-
13:46	0.0	13:46	0.0	-
14:01	0.0	14:01	0.0	-
14:16	0.0	14:16	0.0	-
14:31	0.0	14:31	-	-

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DAILY STATUS REPORT

Prepared By: Ben Neumann

NYSDEC BCP Site No:	C224392	**Date:**	July 15, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	Overcast to sunny, 73-93 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & Peter Rathsack

NYSDEC Representative: WSP - Chris Disclafani

Plumbers: JK Plumbing & Heating – Rafael Chuqui

Work Activities Performed:

- JK Plumbing & Heating reported to the site to repair the sprinkler line damaged during drilling events in connection with the GCM investigation performed on July 14, 2025.
- Vektor Consultants continued with the Remedial Investigation (RI) and sampled groundwater monitoring wells MW-3, MW-6, and MW-7.

Community Air Monitoring Program

- Intrusive drilling was not performed on July 15, 2025. Therefore, air monitoring was not performed.

Problems Encountered

- None

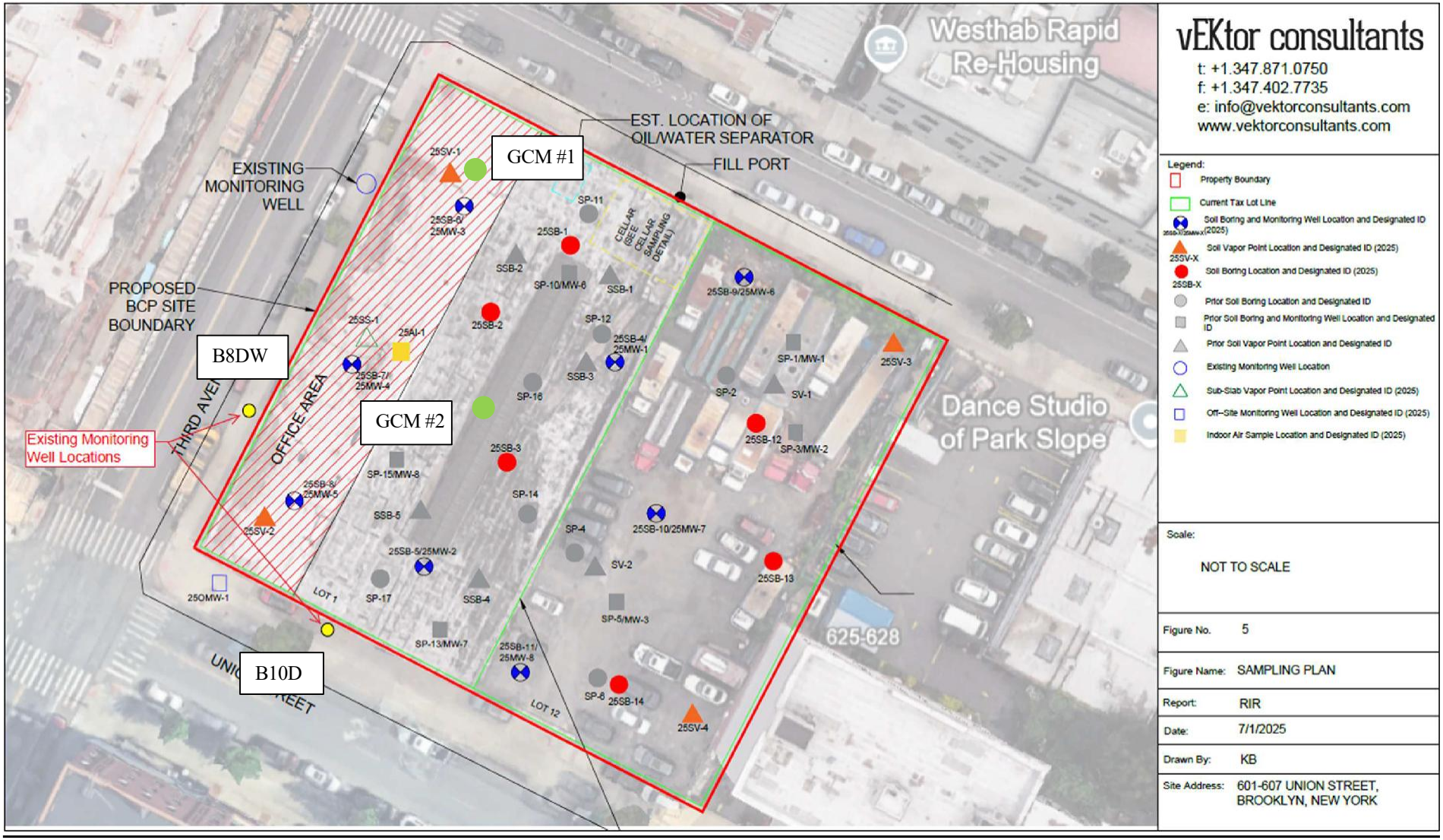
Planned Activities for the Next Day

- The remedial investigation will continue in accordance with the RIWP including collection and submitting of groundwater samples for laboratory analysis.

Samples Collected:

- MW-3, MW-6, and MW-7

SITE PLAN / WORK AREAS



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Legend:
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- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale: NOT TO SCALE

Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

vEKtor consultants

BCP No: C224392
July 15, 2025

WASTE CHARACTERIZATION PLAN

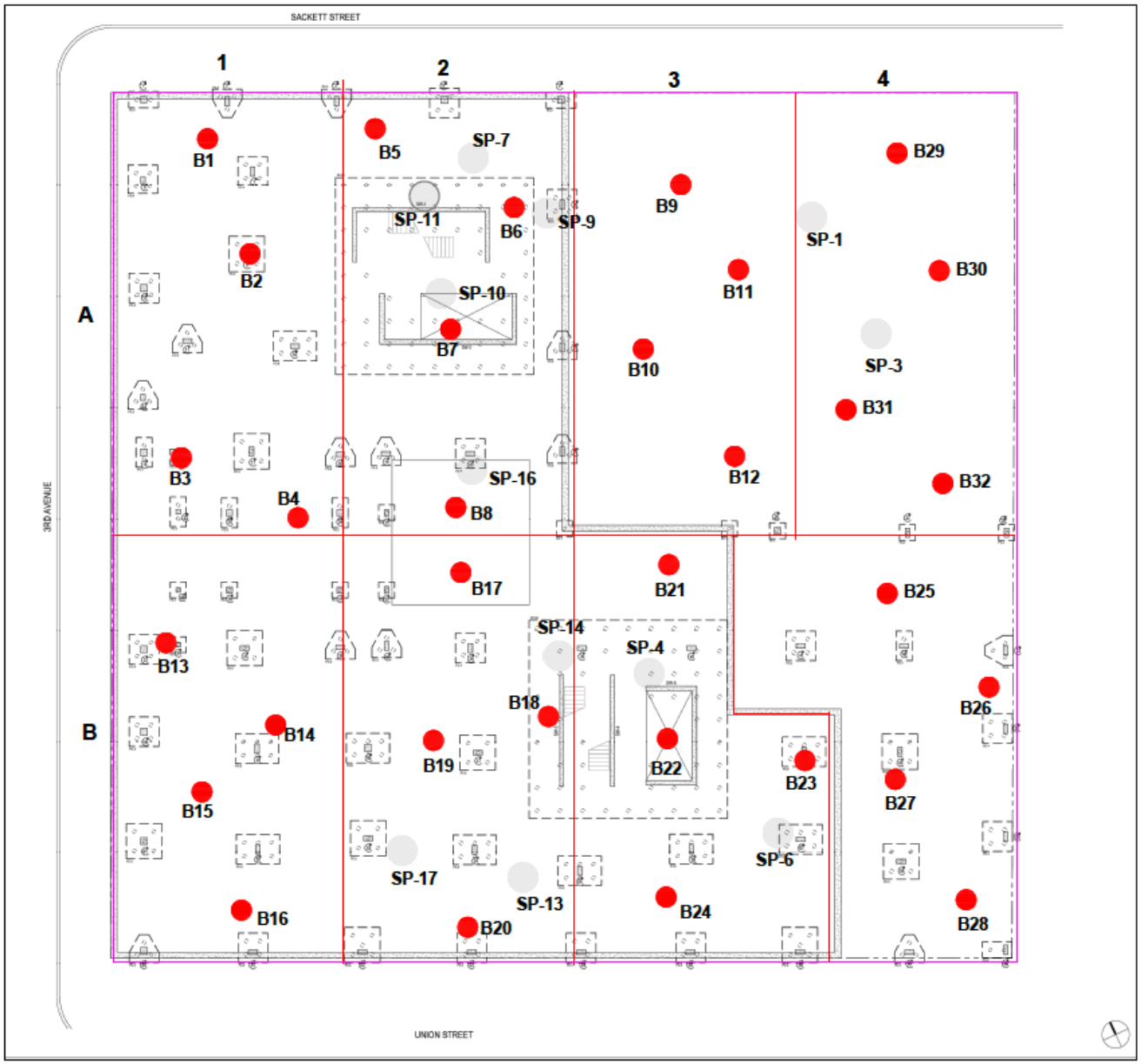
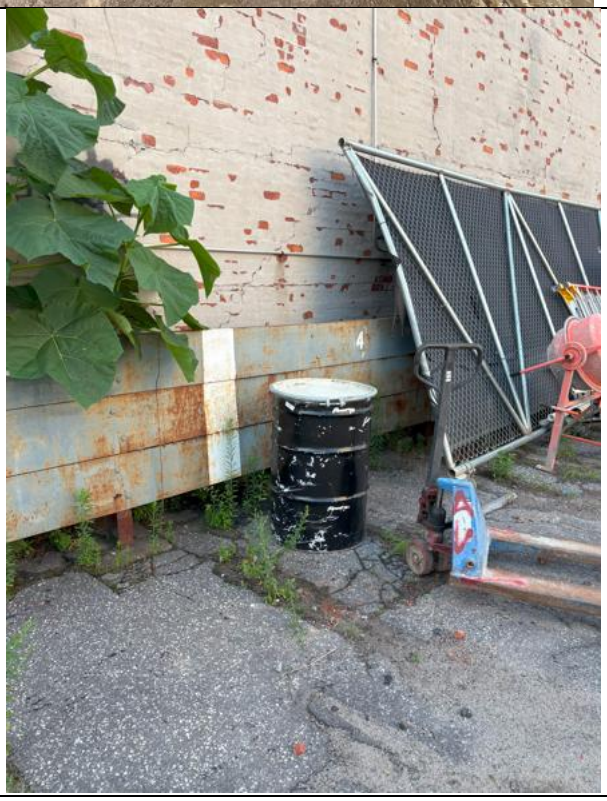


PHOTO LOG

Photo 1: Groundwater sampling equipment and set up for MW-3 groundwater sampling. View facing northwest.	
Photo 2: 55-gallon drum staged in the yard for storing purged groundwater from the site's monitoring wells. View facing northwest.	

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DAILY STATUS REPORT

Prepared By: Ben Neumann

NYSDEC BCP Site No:	C224392	**Date:**	July 16, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	Sunny, 73-90 ^{0}F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann

NYSDEC Representative: WSP - Chris Disclafani

Surveyors: Montrose Surveying Co. – Mark Leechong & Ivan Chegda

Work Activities Performed:

- Montrose surveyors surveyed the locations of the onsite monitoring wells in addition to two offsite monitoring wells in the sidewalk.
- Vektor Consultants continued with the Remedial Investigation (RI) and sampled groundwater monitoring wells MW-4, MW-8, B8DW, and B10D.

Community Air Monitoring Program

- Intrusive drilling was not performed on July 16, 2025. Therefore, air monitoring was not performed.

Problems Encountered

- None

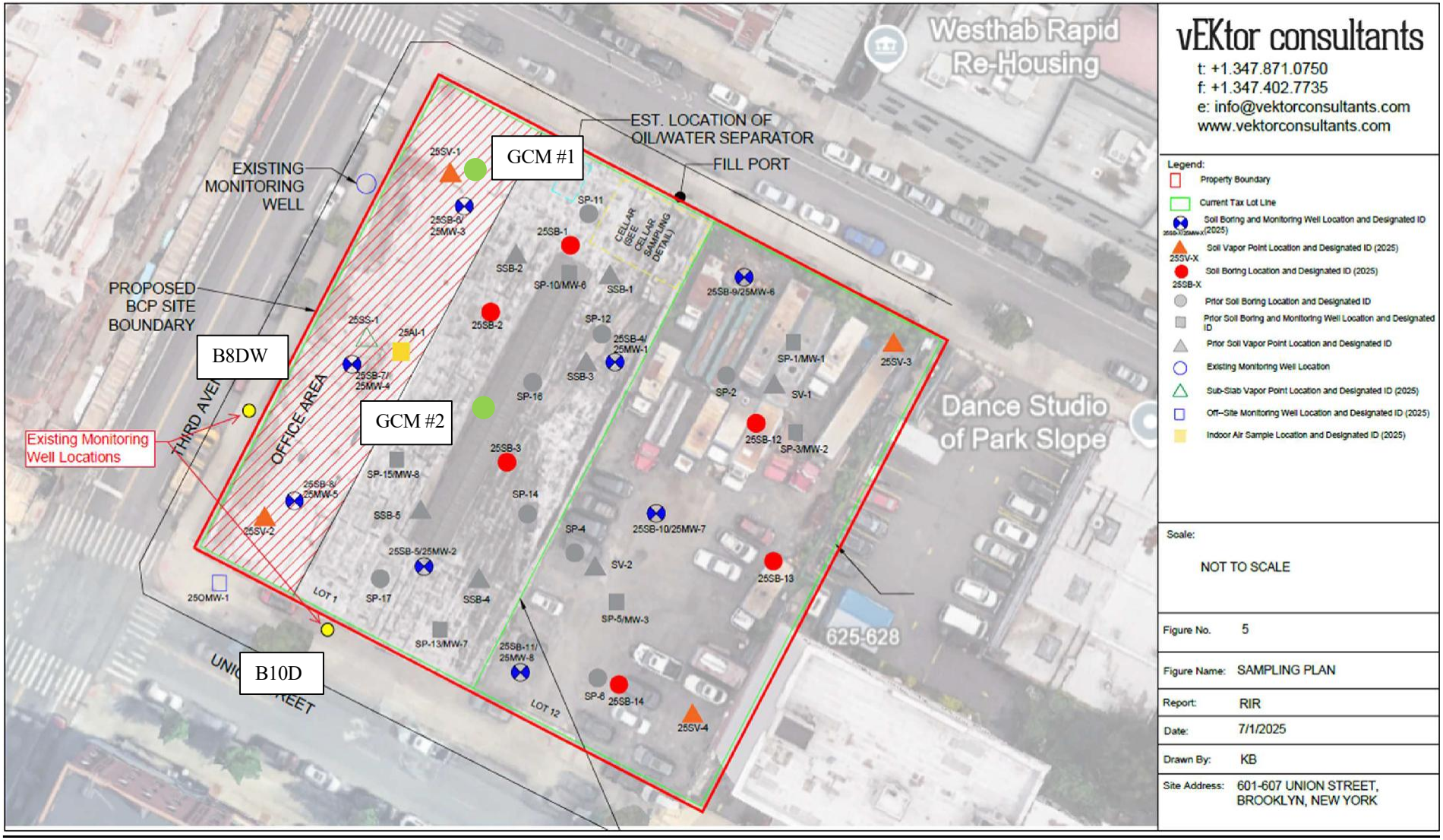
Planned Activities for the Next Day

- The remedial investigation is complete. Further activities are not currently planned.

Samples Collected:

- MW-4, MW-8, B8DW, and B10D

SITE PLAN / WORK AREAS



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- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)

Scale:	NOT TO SCALE
Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

vEKtor consultants

BCP No: C224392
July 16, 2025

WASTE CHARACTERIZATION PLAN

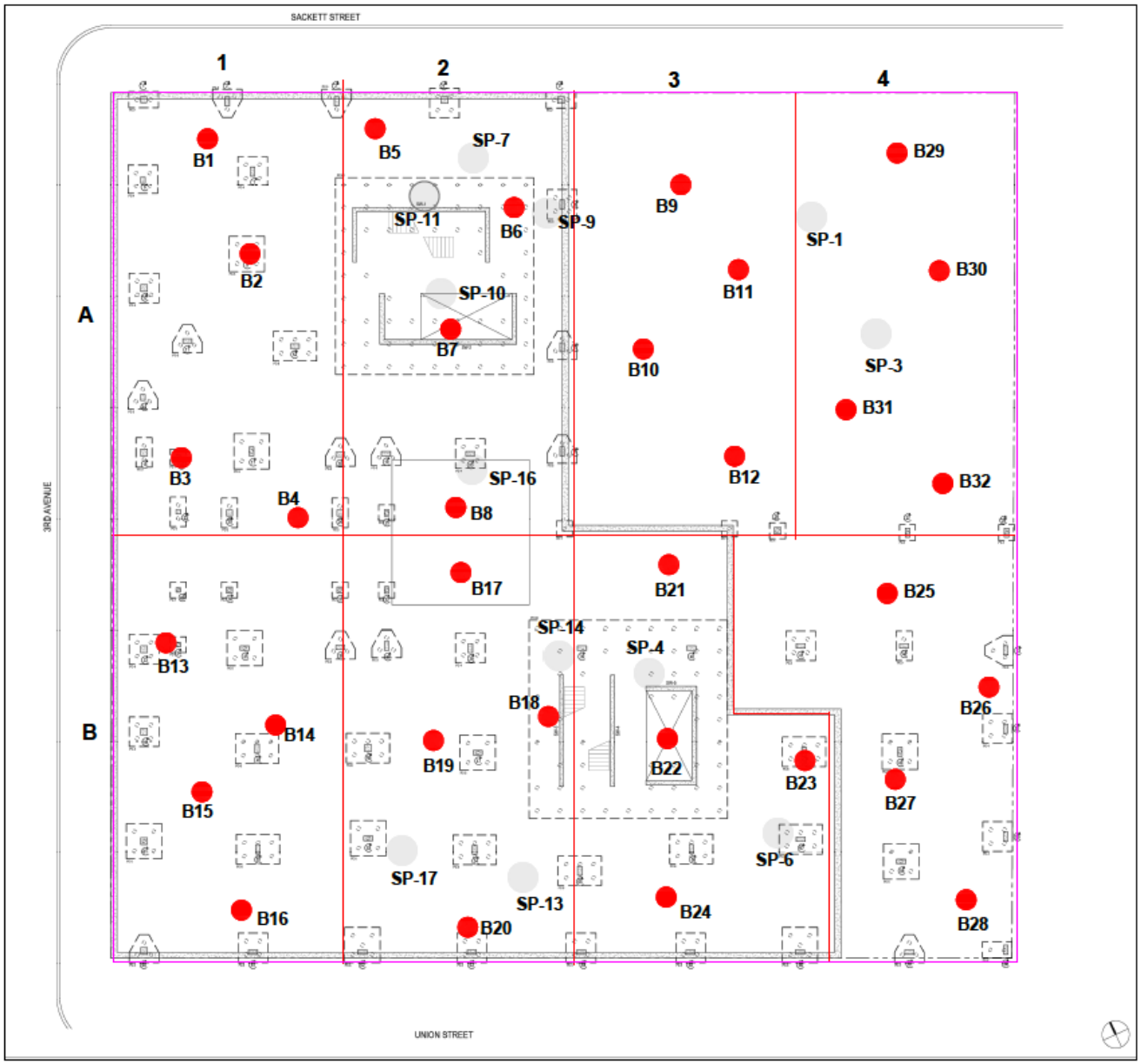

PHOTO LOG

Photo 1: Groundwater sampling equipment and setup at MW-8. View facing northwest.	
Photo 2: Montrose Surveying gathering data from B8DW. View facing southeast.	

vEKtor consultants

DAILY STATUS REPORT

Prepared By: Ben Neumann

NYSDEC BCP Site No:	C224392	**Date:**	August 21, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	**Weather:**	Sunny, 60-73 ^{0}F, Rain, Overcast, Windy
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & David Klein

Drillers: Coastal Environnemental Solutions, Inc. – Paul Nelson

NYSDEC Representative: WSP - Chris Disclafani

Surveyors: Montrose Surveying Co. – Mark Leechong & Ivan Chegda

Work Activities Performed:

- Installed six soil borings to 30 feet bgs throughout the site to vertically delineate soil contamination identified during the Remedial Investigation. The borings were installed in the original locations of 25SB-4, 25SB-5, 25SB-6, 25SB-9, 25SB-10, and 25SB-11.
- Montrose surveyors surveyed the locations of the onsite monitoring wells in addition to two offsite monitoring wells in the sidewalk.

Community Air Monitoring Program

- Real-time Community Air Monitoring Program (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

- None

Planned Activities

- Vektor Consultants will return to the site on Tuesday, August 26, 2025 to continue the delineation of soil contamination identified during the Remedial Investigation.

Samples Collected:

- 25SB-4X: (6-7'), (7-8'), (9-10'), (13-15'), (15-17'), (17-19'), (19-21'), (21-23'), (23-25'), (25-27'), (27-29'), & (29-30')
- 25SB-5X: (12-14'), (14-16'), (16-18'), (18-20'), (20-22'), (22-24'), (24-26'), (26-28'), & (28-30')
- 25SB-6X: (6-7'), (7-8'), (9-10'), (10-12'), (12-14'), (14-16'), (16-18'), (18-20'), (20-22'), (22-24'), (24-26'), (26-28'), & (28-30')
- 25SB-9X: (2-4'), (4-6'), (6-8'), (8-10'), (10-12'), (12-14'), (14-16'), (16-18'), (18-20'), (24-26'), (26-28'), & (28-30')
- 25SB-10X: (7-8'), (12-14'), (14-16'), (16-18'), (18-20'), (20-22'), (22-24'), (24-26'), (26-28'), & (28-30')
- 25SB-11X: (7-8'), (12-14'), (14-16'), (16-18'), & (18-20')

SITE PLAN / WORK AREAS

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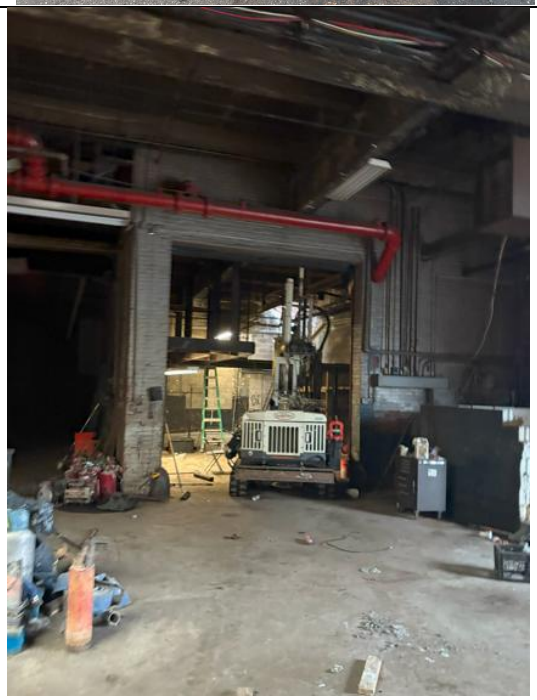
- Prior Soil Boring Location and Designated ID
- Prior Soil Boring and Monitoring Well Location and Designated ID
- Prior Soil Vapor Point Location and Designated ID
- Existing Monitoring Well Location
- Sub-Slab Vapor Point Location and Designated ID (2025)
- Off--Site Monitoring Well Location and Designated ID (2025)
- Indoor Air Sample Location and Designated ID (2025)
- Downwind CAMP station locations
- Upwind CAMP station locations

Scale: NOT TO SCALE

Figure No.	5
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	7/1/2025
Drawn By:	KB
Site Address:	601-607 UNION STREET, BROOKLYN, NEW YORK

PHOTO LOG

Photo 1: View of the CAMP station in the northern section of the yard. View facing north.	
Photo 2: View of Coastal Environmental utilizing the GeoProbe 7822DT to install 25SB-6X. View facing northwest.	

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37 W. 37th St, 6th Floor - New York, NY

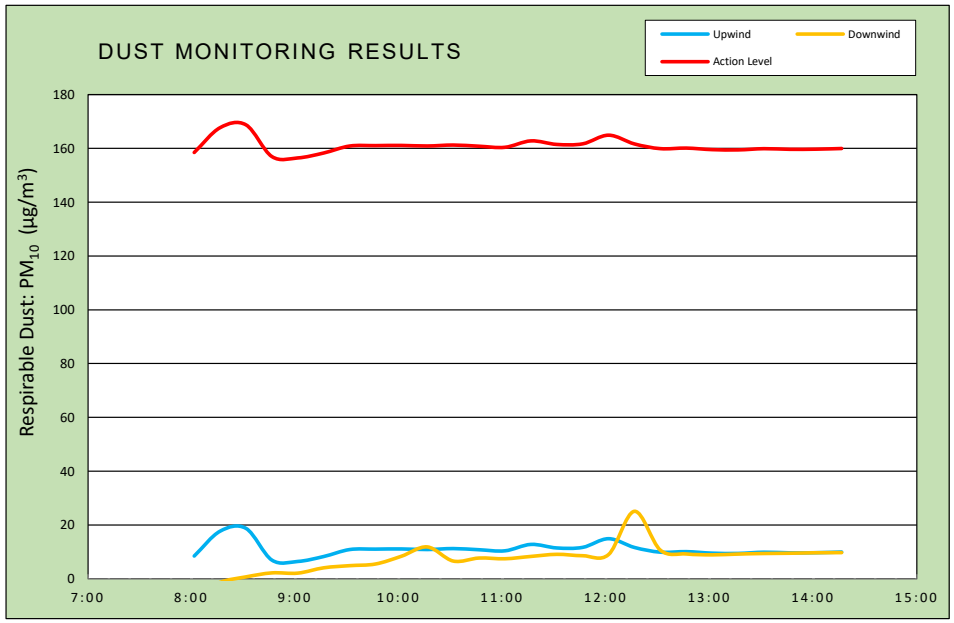
DAILY AIR MONITORING REPORT
601 Union Street
Brooklyn, New York

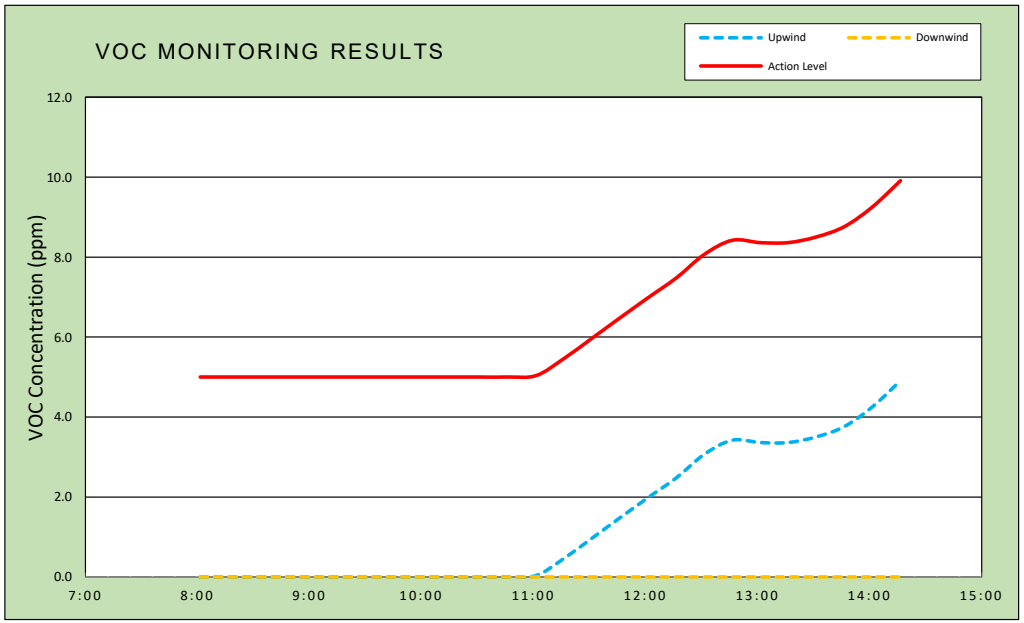
08/21/2025

Rev. No. 0	Page 1 of 2
Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	74.0 - 100.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	59.0 - 68.0	Wind Speed (MPH)	4.0 - 8.1	Barometer (inHg)	29.90 - 30.00	Avg. Dew Point Temp (°F)	59.9	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	10.9	18.7	8:32	1.5	4.9	14:12
Downwind	7.4	25.1	12:17	0.0	0.0	7:57





Air Monitoring Notes:

Weather Notes:

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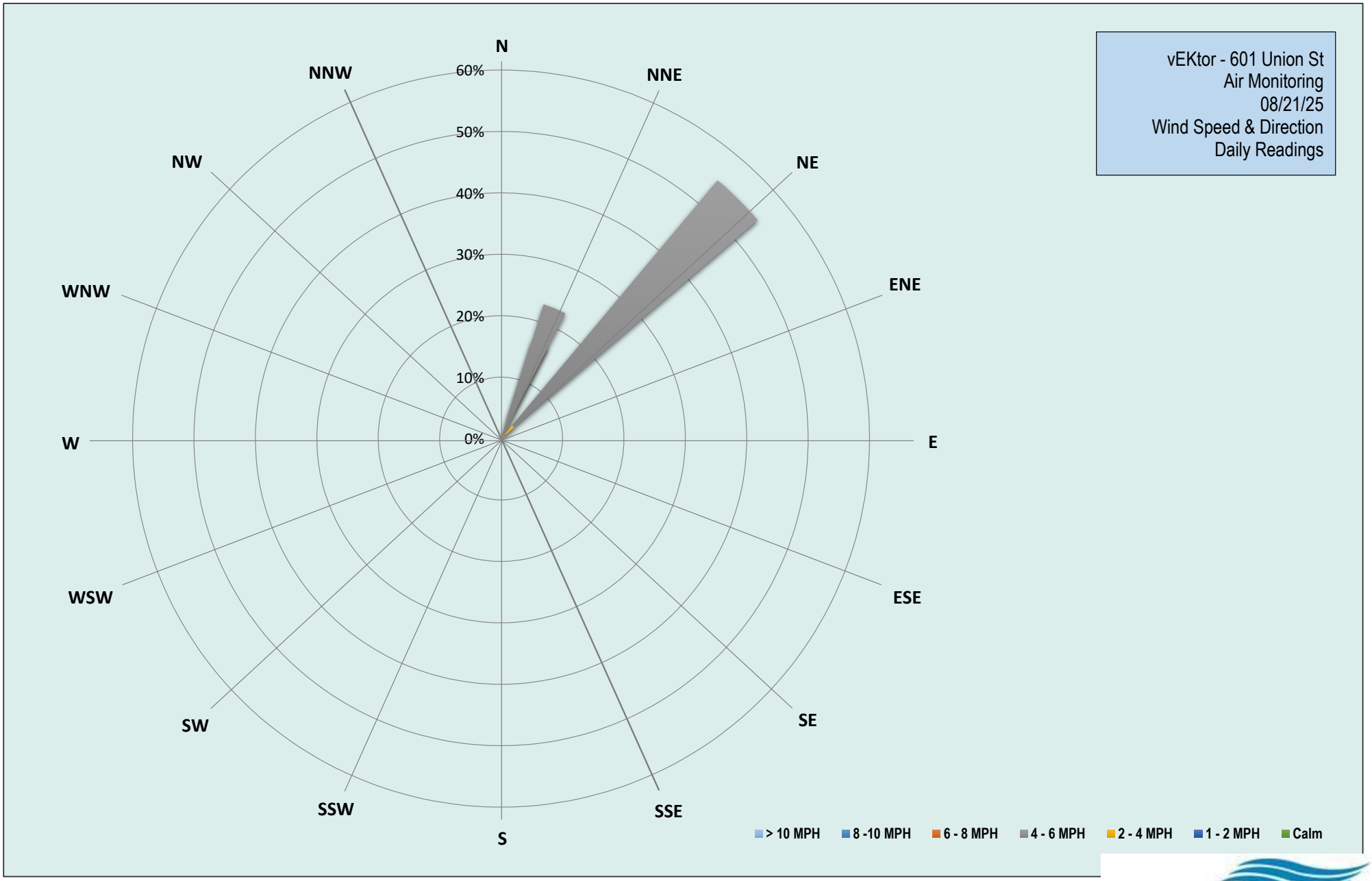

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Thursday, August 21, 2025				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				26
Start Time:				8:02
End Time:				14:17
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
8:02	8.5	8:02	-6.4	-
8:17	17.7	8:17	-1.3	-
8:32	18.7	8:32	0.7	-
8:47	7.0	8:47	2.2	-
9:02	6.5	9:02	2.1	-
9:17	8.3	9:17	4.1	-
9:32	10.9	9:32	4.9	-
9:47	11.0	9:47	5.5	-
10:02	11.1	10:02	8.4	-
10:17	10.9	10:17	11.9	-
10:32	11.2	10:32	6.6	-
10:47	10.8	10:47	7.7	-
11:02	10.4	11:02	7.5	-
11:17	12.8	11:17	8.3	-
11:32	11.5	11:32	9.1	-
11:47	11.7	11:47	8.6	-
12:02	14.9	12:02	9.0	-
12:17	11.6	12:17	25.1	-
12:32	9.9	12:32	10.6	-
12:47	10.1	12:47	9.2	-
13:02	9.5	13:02	8.9	-
13:17	9.4	13:17	9.2	-
13:32	9.9	13:32	9.4	-
13:47	9.7	13:47	9.5	-
14:02	9.7	14:02	9.7	-
14:17	10.0	14:17	9.7	-

Thursday, August 21, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:57
End Time:				14:12
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:57	0.0	7:57	0.0	-
8:12	0.0	8:12	0.0	-
8:27	0.0	8:27	0.0	-
8:42	0.0	8:42	0.0	-
8:57	0.0	8:57	0.0	-
9:12	0.0	9:12	0.0	-
9:27	0.0	9:27	0.0	-
9:42	0.0	9:42	0.0	-
9:57	0.0	9:57	0.0	-
10:12	0.0	10:12	0.0	-
10:27	0.0	10:27	0.0	-
10:42	0.0	10:42	0.0	-
10:57	0.0	10:57	0.0	-
11:12	0.5	11:12	0.0	-
11:27	1.0	11:27	0.0	-
11:42	1.5	11:42	0.0	-
11:57	2.0	11:57	0.0	-
12:12	2.5	12:12	0.0	-
12:27	3.1	12:27	0.0	-
12:42	3.4	12:42	0.0	-
12:57	3.4	12:57	0.0	-
13:12	3.4	13:12	0.0	-
13:27	3.5	13:27	0.0	-
13:42	3.8	13:42	0.0	-
13:57	4.3	13:57	0.0	-
14:12	4.9	14:12	0.0	-

APPENDIX G

LABORATORY ANALYTICAL REPORTS FOR SOIL SAMPLES

ANALYTICAL REPORT

Lab Number:	L2541375
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/14/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2541375-01	25SB-11 (0-2)	SOIL	BKLYN, NY	07/01/25 09:10	07/01/25
L2541375-02	25SB-11 (11-12)	SOIL	BKLYN, NY	07/01/25 09:15	07/01/25
L2541375-03	25SB-14 (0-2)	SOIL	BKLYN, NY	07/01/25 10:30	07/01/25
L2541375-04	25SB-14 (7-9)	SOIL	BKLYN, NY	07/01/25 10:40	07/01/25
L2541375-05	25SB-14 (11-12)	SOIL	BKLYN, NY	07/01/25 11:05	07/01/25
L2541375-06	25SB-13 (0-2)	SOIL	BKLYN, NY	07/01/25 11:35	07/01/25
L2541375-07	25SB-13 (11-12)	SOIL	BKLYN, NY	07/01/25 11:50	07/01/25
L2541375-08	25SB-12 (0-2)	SOIL	BKLYN, NY	07/01/25 12:50	07/01/25
L2541375-09	25SB-12 (11-12)	SOIL	BKLYN, NY	07/01/25 12:55	07/01/25
L2541375-10	25SB-9 (0-2)	SOIL	BKLYN, NY	07/01/25 13:30	07/01/25
L2541375-11	25SB-9 (11-12)	SOIL	BKLYN, NY	07/01/25 13:35	07/01/25
L2541375-12	25SB-10 (0-2)	SOIL	BKLYN, NY	07/01/25 12:15	07/01/25
L2541375-13	25SB-10 (11-12)	SOIL	BKLYN, NY	07/01/25 12:20	07/01/25
L2541375-14	FIELD BLANK	WATER	BKLYN, NY	07/01/25 13:00	07/01/25
L2541375-15	TRIP BLANK	SOIL	BKLYN, NY	07/01/25 00:00	07/01/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

Case Narrative (continued)

Report Submission

July 14, 2025: This final report includes the results of all requested analyses.

July 11, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2541375-10 and -11: The Client IDs were changed at the client's request.

Perfluorinated Alkyl Acids by 1633

L2541375-02: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (274%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (356%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (189%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (156%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2541375-14: The sample has elevated detection limits due to limited sample volume available for analysis.

WG2086488-2: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The WG2086488-2 LCS recovery associated with L2541375-14 is above the acceptance criteria for 4,8-dioxa-3h-perfluorononanoic acid (adona) (146%); however, the associated sample is non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

Semivolatile Organics by SIM

L2541375-14: The Field Blank has concentrations above the reporting limits for naphthalene and 2-methylnaphthalene. The sample was re-extracted with the method required holding time exceeded and was non-detect for these target compounds. The results of both extractions are reported.

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

Case Narrative (continued)

Total Metals

L2541375-01 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2089197-3 MS recoveries performed on L2541375-01 do not apply for aluminum (323%), calcium (287%), iron (0%), lead (0%), magnesium (167%), manganese (127%), and zinc (413%) because the sample concentrations are greater than four times the spike amounts added.

The WG2089197-3 MS recoveries performed on L2541375-01 are outside the acceptance criteria for antimony (24%), barium (284%), and copper (70%). A post digestion spike was performed and was within acceptance criteria.

The WG2089197-3 MS recovery performed on L2541375-01 is outside the acceptance criteria for arsenic (68%). A post digestion spike was performed and yielded an unacceptable recovery of 72%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG2089197-4 Laboratory Duplicate RPDs performed on L2541375-01 are outside the acceptance criteria for barium (28%), calcium (37%), magnesium (28%), and zinc (45%) due to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/14/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 15:10
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	0.36	J	ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 15:36
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.8	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.6	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.47	1
Tetrachloroethene	ND		ug/kg	0.88	0.34	1
Chlorobenzene	ND		ug/kg	0.88	0.22	1
Trichlorofluoromethane	ND		ug/kg	7.0	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	0.88	0.29	1
Bromodichloromethane	ND		ug/kg	0.88	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.48	1
cis-1,3-Dichloropropene	ND		ug/kg	0.88	0.28	1
Bromoform	ND		ug/kg	7.0	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.88	0.29	1
Benzene	ND		ug/kg	0.88	0.29	1
Toluene	ND		ug/kg	1.8	0.95	1
Ethylbenzene	0.36	J	ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.0	1.6	1
Bromomethane	ND		ug/kg	3.5	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.59	1
Chloroethane	ND		ug/kg	3.5	0.79	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1
Trichloroethene	ND		ug/kg	0.88	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.25	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.35	1
p/m-Xylene	1.4	J	ug/kg	3.5	0.98	1
o-Xylene	0.65	J	ug/kg	1.8	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
Styrene	ND		ug/kg	1.8	0.34	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	10	J	ug/kg	18	8.5	1
Carbon disulfide	ND		ug/kg	18	8.0	1
2-Butanone	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.2	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.5	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.49	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.5	0.57	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.5	0.48	1
Methyl Acetate	ND		ug/kg	7.0	1.7	1
Cyclohexane	ND		ug/kg	18	0.96	1
1,4-Dioxane	ND		ug/kg	140	62.	1
Freon-113	ND		ug/kg	7.0	1.2	1
Methyl cyclohexane	ND		ug/kg	7.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 16:02
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	0.57	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	1.8	J	ug/kg	2.0	0.57	1
o-Xylene	0.58	J	ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/12/25 11:28
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	119		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 16:54
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	0.25	J	ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	0.66	J	ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 17:19
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 17:45
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	8.2	J	ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 18:11
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 18:37
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	24		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	5.4	J	ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 19:03
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	2.3		ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.31	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.31	1
Benzene	ND		ug/kg	0.92	0.31	1
Toluene	ND		ug/kg	1.8	1.0	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.62	1
Chloroethane	ND		ug/kg	3.7	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.25	1
Trichloroethene	ND		ug/kg	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.54	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.9	1
Carbon disulfide	ND		ug/kg	18	8.4	1
2-Butanone	ND		ug/kg	18	4.1	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.4	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
Methyl Acetate	ND		ug/kg	7.4	1.8	1
Cyclohexane	ND		ug/kg	18	1.0	1
1,4-Dioxane	ND		ug/kg	150	65.	1
Freon-113	ND		ug/kg	7.4	1.3	1
Methyl cyclohexane	ND		ug/kg	7.4	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 19:29
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	0.19	J	ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 601-607 UNION ST **Lab Number:** L2541375

Project Number: 25030019 **Report Date:** 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11 Date Collected: 07/01/25 13:35

Client ID: 25SB-9 (11-12) Date Received: 07/01/25

Sample Location: BKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	29		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	5.8	J	ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	ND		ug/kg	5.3	1.3	1
Cyclohexane	ND		ug/kg	13	0.72	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.3	0.92	1
Methyl cyclohexane	ND		ug/kg	5.3	0.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 19:55
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.46	J	ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	0.28	J	ug/kg	0.55	0.18	1
Toluene	0.62	J	ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 20:20
Analyst: JIC
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.21	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	ND		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.28	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.6	0.56	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	67		ug/kg	16	8.0	1
Carbon disulfide	ND		ug/kg	16	7.5	1
2-Butanone	19		ug/kg	16	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
2-Hexanone	ND		ug/kg	16	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
Methyl Acetate	ND		ug/kg	6.6	1.6	1
Cyclohexane	ND		ug/kg	16	0.90	1
1,4-Dioxane	ND		ug/kg	130	58.	1
Freon-113	ND		ug/kg	6.6	1.1	1
Methyl cyclohexane	ND		ug/kg	6.6	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/09/25 00:12
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-15
Client ID: TRIP BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 00:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/25 13:52
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-15
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 00:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/25 21:39
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2088397-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/25 21:39
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2088397-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/25 21:39
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2088397-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/12/25 10:07
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Lab for sample(s): 04 Batch: WG2089837-12					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.79	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/12/25 10:07
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Lab for sample(s): 04 Batch: WG2089837-12					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/12/25 10:07
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Lab for sample(s): 04 Batch: WG2089837-12					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/25 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-13,15 Batch: WG2089845-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.76	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/25 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-13,15 Batch: WG2089845-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/25 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-13,15 Batch: WG2089845-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2088397-3 WG2088397-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	99		98		70-130	1		20
Carbon tetrachloride	97		96		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	94		92		62-150	2		20
1,2-Dichloroethane	100		98		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	87		87		64-130	0		20
Bromomethane	74		74		39-139	0		20
Vinyl chloride	94		96		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2088397-3 WG2088397-4								
Chloroethane	97		91		55-138	6		20
1,1-Dichloroethene	98		98		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		97		70-130	0		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	96		97		58-148	1		20
Carbon disulfide	71		71		51-130	0		20
2-Butanone	95		93		63-138	2		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	100		100		57-130	0		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	110		110		41-144	0		20
Isopropylbenzene	100		98		70-130	2		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2088397-3 WG2088397-4								
1,2,4-Trichlorobenzene	110		100		70-130	10		20
Methyl Acetate	90		88		70-130	2		20
Cyclohexane	85		84		70-130	1		20
1,4-Dioxane	120		116		56-162	3		20
Freon-113	88		88		70-130	0		20
Methyl cyclohexane	92		91		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Lab Associated sample(s): 04 Batch: WG2089837-10 WG2089837-11								
Methylene chloride	119		117		70-130	2		30
1,1-Dichloroethane	117		117		70-130	0		30
Chloroform	115		114		70-130	1		30
Carbon tetrachloride	119		118		70-130	1		30
1,2-Dichloropropane	113		114		70-130	1		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	94		95		70-130	1		30
Tetrachloroethene	104		102		70-130	2		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	131		127		70-139	3		30
1,2-Dichloroethane	118		119		70-130	1		30
1,1,1-Trichloroethane	122		122		70-130	0		30
Bromodichloromethane	114		119		70-130	4		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	124		124		70-130	0		30
Bromoform	83		86		70-130	4		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	118		116		70-130	2		30
Toluene	88		88		70-130	0		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	112		108		52-130	4		30
Bromomethane	125		119		57-147	5		30
Vinyl chloride	122		116		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Lab Associated sample(s): 04 Batch: WG2089837-10 WG2089837-11								
Chloroethane	132		125		50-151	5		30
1,1-Dichloroethene	119		115		65-135	3		30
trans-1,2-Dichloroethene	115		113		70-130	2		30
Trichloroethene	121		119		70-130	2		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	92		93		70-130	1		30
1,4-Dichlorobenzene	92		93		70-130	1		30
Methyl tert butyl ether	108		110		66-130	2		30
p/m-Xylene	99		99		70-130	0		30
o-Xylene	99		100		70-130	1		30
cis-1,2-Dichloroethene	114		112		70-130	2		30
Styrene	102		102		70-130	0		30
Dichlorodifluoromethane	102		97		30-146	5		30
Acetone	90		94		54-140	4		30
Carbon disulfide	120		116		59-130	3		30
2-Butanone	100		104		70-130	4		30
4-Methyl-2-pentanone	87		91		70-130	4		30
2-Hexanone	73		78		70-130	7		30
Bromochloromethane	114		114		70-130	0		30
1,2-Dibromoethane	97		97		70-130	0		30
1,2-Dibromo-3-chloropropane	81		84		68-130	4		30
Isopropylbenzene	90		91		70-130	1		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Lab Associated sample(s): 04 Batch: WG2089837-10 WG2089837-11								
1,2,4-Trichlorobenzene	94		94		70-130	0		30
Methyl Acetate	98		100		51-146	2		30
Cyclohexane	118		118		59-142	0		30
1,4-Dioxane	104		110		65-136	6		30
Freon-113	132		128		50-139	3		30
Methyl cyclohexane	117		118		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-13,15 Batch: WG2089845-3 WG2089845-4								
Methylene chloride	99		97		70-130	2		30
1,1-Dichloroethane	111		113		70-130	2		30
Chloroform	98		102		70-130	4		30
Carbon tetrachloride	101		100		70-130	1		30
1,2-Dichloropropane	109		118		70-130	8		30
Dibromochloromethane	83		90		70-130	8		30
1,1,2-Trichloroethane	84		90		70-130	7		30
Tetrachloroethene	96		98		70-130	2		30
Chlorobenzene	87		91		70-130	4		30
Trichlorofluoromethane	76		72		70-139	5		30
1,2-Dichloroethane	94		100		70-130	6		30
1,1,1-Trichloroethane	101		102		70-130	1		30
Bromodichloromethane	93		98		70-130	5		30
trans-1,3-Dichloropropene	83		87		70-130	5		30
cis-1,3-Dichloropropene	97		104		70-130	7		30
Bromoform	74		81		70-130	9		30
1,1,2,2-Tetrachloroethane	72		81		70-130	12		30
Benzene	106		107		70-130	1		30
Toluene	79		81		70-130	3		30
Ethylbenzene	89		92		70-130	3		30
Chloromethane	110		103		52-130	7		30
Bromomethane	84		83		57-147	1		30
Vinyl chloride	111		105		67-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-13,15 Batch: WG2089845-3 WG2089845-4								
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	116		112		65-135	4		30
trans-1,2-Dichloroethene	108		106		70-130	2		30
Trichloroethene	106		109		70-130	3		30
1,2-Dichlorobenzene	80		86		70-130	7		30
1,3-Dichlorobenzene	82		89		70-130	8		30
1,4-Dichlorobenzene	82		87		70-130	6		30
Methyl tert butyl ether	85		90		66-130	6		30
p/m-Xylene	90		94		70-130	4		30
o-Xylene	87		91		70-130	4		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Styrene	86		92		70-130	7		30
Dichlorodifluoromethane	86		75		30-146	14		30
Acetone	83		98		54-140	17		30
Carbon disulfide	115		108		59-130	6		30
2-Butanone	83		93		70-130	11		30
4-Methyl-2-pentanone	84		98		70-130	15		30
2-Hexanone	**69**	Q	78		70-130	12		30
Bromochloromethane	95		96		70-130	1		30
1,2-Dibromoethane	86		91		70-130	6		30
1,2-Dibromo-3-chloropropane	68		81		68-130	17		30
Isopropylbenzene	85		90		70-130	6		30
1,2,3-Trichlorobenzene	78		88		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-13,15 Batch: WG2089845-3 WG2089845-4								
1,2,4-Trichlorobenzene	82		91		70-130	10		30
Methyl Acetate	99		107		51-146	8		30
Cyclohexane	**143**	Q	139		59-142	3		30
1,4-Dioxane	89		93		65-136	4		30
Freon-113	122		116		50-139	5		30
Methyl cyclohexane	116		116		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		89		70-130
Toluene-d8	88		88		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	88		91		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 06:24
Analyst: AC
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.035	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.031	JF	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.034	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.379		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.058	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	67		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01 D2
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 22:39
Analyst: SLR
Percent Solids: 91%

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	59000		ug/kg	2700	450	25

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01 D
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 14:47
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	720	94.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	90.	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	160	5
Fluoranthene	20000		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	210	J	ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	310	5
Diethyl phthalate	ND		ug/kg	900	84.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	13000		ug/kg	540	100	5
Benzo(a)pyrene	20000		ug/kg	720	220	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01 D
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	18000		ug/kg	540	150	5
Benzo(k)fluoranthene	3800		ug/kg	540	140	5
Chrysene	12000		ug/kg	540	94.	5
Acenaphthylene	5000		ug/kg	720	140	5
Anthracene	780		ug/kg	540	180	5
Benzo(ghi)perylene	19000		ug/kg	720	110	5
Fluorene	ND		ug/kg	900	88.	5
Phenanthrene	580		ug/kg	540	110	5
Dibenzo(a,h)anthracene	1800		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	12000		ug/kg	720	130	5
Pyrene	38000	E	ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	ND		ug/kg	900	86.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	140	J	ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	900	170	5
Carbazole	ND		ug/kg	900	88.	5
Atrazine	ND		ug/kg	720	320	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01 D
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	900	270	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	900	180	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	57		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 17:14
Analyst: SMZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	64	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1200		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	190	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	440		ug/kg	120	23.	1
Benzo(a)pyrene	550		ug/kg	160	49.	1

Project Name: 601-607 UNION ST **Lab Number:** L2541375

Project Number: 25030019 **Report Date:** 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02 Date Collected: 07/01/25 09:15

Client ID: 25SB-11 (11-12) Date Received: 07/01/25

Sample Location: BKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	650		ug/kg	120	34.	1
Benzo(k)fluoranthene	220		ug/kg	120	32.	1
Chrysene	530		ug/kg	120	21.	1
Acenaphthylene	160		ug/kg	160	31.	1
Anthracene	140		ug/kg	120	39.	1
Benzo(ghi)perylene	420		ug/kg	160	24.	1
Fluorene	130	J	ug/kg	200	20.	1
Phenanthrene	1000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	83	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	160	28.	1
Pyrene	1000		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	110	J	ug/kg	200	19.	1
2-Methylnaphthalene	46	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	120	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	80		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 06:33
Analyst: AC
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.096	J	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.992	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	69		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**274**	Q	40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	64		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**356**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**189**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**156**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	110		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 17:37
Analyst: SMZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	210		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	45.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1500		ug/kg	110	31.	1
Benzo(k)fluoranthene	550		ug/kg	110	30.	1
Chrysene	1400		ug/kg	110	19.	1
Acenaphthylene	85	J	ug/kg	150	28.	1
Anthracene	500		ug/kg	110	36.	1
Benzo(ghi)perylene	830		ug/kg	150	22.	1
Fluorene	190		ug/kg	180	18.	1
Phenanthrene	2700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	770		ug/kg	150	26.	1
Pyrene	2600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	150	J	ug/kg	180	17.	1
2-Methylnaphthalene	94	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	340		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 06:42
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.191	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.046	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.083	JF	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	104		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	108		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	165		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	120		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	117		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	89		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	107		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	113		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	104		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 18:00
Analyst: SMZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	78	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	96	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	55	J	ug/kg	110	21.	1
Benzo(a)pyrene	80	J	ug/kg	150	45.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	81	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	30.	1
Chrysene	52	J	ug/kg	110	19.	1
Acenaphthylene	32	J	ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	86	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	75	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	56	J	ug/kg	150	26.	1
Pyrene	97	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	81		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 06:51
Analyst: AC
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.018	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.523		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.054	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	62		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	60		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	60		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	59		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	99		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 18:24
Analyst: SMZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	64	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	960		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	180	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	460		ug/kg	110	21.	1
Benzo(a)pyrene	380		ug/kg	150	46.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	490		ug/kg	110	32.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	440		ug/kg	110	20.	1
Acenaphthylene	87	J	ug/kg	150	29.	1
Anthracene	170		ug/kg	110	37.	1
Benzo(ghi)perylene	240		ug/kg	150	22.	1
Fluorene	56	J	ug/kg	190	18.	1
Phenanthrene	670		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	150	26.	1
Pyrene	940		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	43	J	ug/kg	190	18.	1
2-Methylnaphthalene	50	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	59	J	ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	67	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	81		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:00
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.160	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.039	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.188	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	112		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 18:47
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	680		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	7900	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	400		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	4400		ug/kg	110	21.	1
Benzo(a)pyrene	3700		ug/kg	150	45.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	5100		ug/kg	110	31.	1
Benzo(k)fluoranthene	1100		ug/kg	110	30.	1
Chrysene	4000		ug/kg	110	19.	1
Acenaphthylene	860		ug/kg	150	29.	1
Anthracene	1800		ug/kg	110	36.	1
Benzo(ghi)perylene	2500		ug/kg	150	22.	1
Fluorene	650		ug/kg	180	18.	1
Phenanthrene	6500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	620		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2300		ug/kg	150	26.	1
Pyrene	7400		ug/kg	110	18.	1
Biphenyl	67	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	440		ug/kg	180	18.	1
2-Methylnaphthalene	230		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	47	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	78	J	ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	840		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	87		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:09
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.037	J	ng/g	0.801	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.038	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.050	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.647		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	55		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	106		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	112		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	108		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	112		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06 D
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 15:11
Analyst: JG
Percent Solids: 88%

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	7300		ug/kg	560	110	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 19:10
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	370		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4000		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	490		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	2000		ug/kg	120	22.	1
Benzo(a)pyrene	1700		ug/kg	160	48.	1

Project Name: 601-607 UNION ST **Lab Number:** L2541375

Project Number: 25030019 **Report Date:** 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07 Date Collected: 07/01/25 11:50

Client ID: 25SB-13 (11-12) Date Received: 07/01/25

Sample Location: BKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2200		ug/kg	120	33.	1
Benzo(k)fluoranthene	570		ug/kg	120	31.	1
Chrysene	2000		ug/kg	120	20.	1
Acenaphthylene	110	J	ug/kg	160	30.	1
Anthracene	840		ug/kg	120	38.	1
Benzo(ghi)perylene	1000		ug/kg	160	23.	1
Fluorene	350		ug/kg	200	19.	1
Phenanthrene	3900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	260		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	160	27.	1
Pyrene	3600		ug/kg	120	19.	1
Biphenyl	80	J	ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	210		ug/kg	200	18.	1
2-Methylnaphthalene	100	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	300		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	71		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:17
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.073	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.028	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.075	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.310		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.043	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	0.014	JF	ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	104		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	109		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	106		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	110		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	114		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 19:33
Analyst: SMZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	260		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1300		ug/kg	110	20.	1
Benzo(a)pyrene	1100		ug/kg	140	44.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1300		ug/kg	110	30.	1
Benzo(k)fluoranthene	450		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	190		ug/kg	140	28.	1
Anthracene	600		ug/kg	110	35.	1
Benzo(ghi)perylene	640		ug/kg	140	21.	1
Fluorene	280		ug/kg	180	18.	1
Phenanthrene	2000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	590		ug/kg	140	25.	1
Pyrene	2100		ug/kg	110	18.	1
Biphenyl	25	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	83	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	82	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	130	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	80		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:26
Analyst: AC
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.163	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.034	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	113		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	118		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	111		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	109		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 19:56
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26000	E	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	830		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	32000	E	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	360		ug/kg	120	22.	1
Benzo(a)pyrene	300		ug/kg	160	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	390		ug/kg	120	33.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	370		ug/kg	120	20.	1
Acenaphthylene	160		ug/kg	160	30.	1
Anthracene	1400		ug/kg	120	39.	1
Benzo(ghi)perylene	160		ug/kg	160	23.	1
Fluorene	16000	E	ug/kg	200	19.	1
Phenanthrene	20000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	45	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	160	28.	1
Pyrene	750		ug/kg	120	20.	1
Biphenyl	5600		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	18000	E	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	69	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	32	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	78		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:35
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.050	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	103		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	110		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	102		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	106		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09 D
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 15:35
Analyst: JG
Percent Solids: 84%

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34000		ug/kg	1600	200	10
Naphthalene	44000		ug/kg	2000	240	10
Fluorene	18000		ug/kg	2000	190	10
Phenanthrene	24000		ug/kg	1200	240	10
2-Methylnaphthalene	22000		ug/kg	2400	240	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 20:19
Analyst: SMZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	500		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	2100		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	4000		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	950		ug/kg	130	24.	1
Benzo(a)pyrene	720		ug/kg	170	52.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	940		ug/kg	130	36.	1
Benzo(k)fluoranthene	260		ug/kg	130	34.	1
Chrysene	970		ug/kg	130	22.	1
Acenaphthylene	420		ug/kg	170	33.	1
Anthracene	940		ug/kg	130	41.	1
Benzo(ghi)perylene	410		ug/kg	170	25.	1
Fluorene	640		ug/kg	210	21.	1
Phenanthrene	3200		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	170	30.	1
Pyrene	2200		ug/kg	130	21.	1
Biphenyl	340	J	ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	360		ug/kg	210	20.	1
2-Methylnaphthalene	690		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	140	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	2500		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	310		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	72		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 07:44
Analyst: AC
Percent Solids: 77%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.174	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.031	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	95		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	74		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	97		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	106		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 20:43
Analyst: SMZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	77	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1000		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	200		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	280		ug/kg	120	23.	1
Benzo(a)pyrene	170		ug/kg	160	49.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	180		ug/kg	120	34.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	32.	1
Chrysene	220		ug/kg	120	21.	1
Acenaphthylene	74	J	ug/kg	160	31.	1
Anthracene	390		ug/kg	120	39.	1
Benzo(ghi)perylene	150	J	ug/kg	160	24.	1
Fluorene	120	J	ug/kg	200	20.	1
Phenanthrene	1400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	98	J	ug/kg	160	28.	1
Pyrene	1900		ug/kg	120	20.	1
Biphenyl	26	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	53	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	72		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:14
Analyst: AC
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.055	J	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.044	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.992	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	102		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	105		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	97		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 21:06
Analyst: SMZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	4100		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	220		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	2200		ug/kg	120	23.	1
Benzo(a)pyrene	2100		ug/kg	170	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2600		ug/kg	120	35.	1
Benzo(k)fluoranthene	680		ug/kg	120	33.	1
Chrysene	2200		ug/kg	120	22.	1
Acenaphthylene	230		ug/kg	170	32.	1
Anthracene	740		ug/kg	120	41.	1
Benzo(ghi)perylene	1400		ug/kg	170	24.	1
Fluorene	260		ug/kg	210	20.	1
Phenanthrene	2800		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	320		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	170	29.	1
Pyrene	3700		ug/kg	120	21.	1
Biphenyl	36	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	150	J	ug/kg	210	20.	1
2-Methylnaphthalene	86	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	310		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	75		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:23
Analyst: AC
Percent Solids: 79%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.064	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.077	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.873		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	60		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	106		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	108		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/06/25 21:29
Analyst: JG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7000		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	6900		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	24000	E	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	77.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	4600		ug/kg	140	25.	1
Benzo(a)pyrene	6600		ug/kg	180	55.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	5700		ug/kg	140	38.	1
Benzo(k)fluoranthene	1200		ug/kg	140	36.	1
Chrysene	4400		ug/kg	140	23.	1
Acenaphthylene	1700		ug/kg	180	35.	1
Anthracene	2900		ug/kg	140	44.	1
Benzo(ghi)perylene	5200		ug/kg	180	26.	1
Fluorene	1400		ug/kg	220	22.	1
Phenanthrene	2200		ug/kg	140	27.	1
Dibenzo(a,h)anthracene	490		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	3300		ug/kg	180	31.	1
Pyrene	11000	E	ug/kg	140	22.	1
Biphenyl	1300		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	73	J	ug/kg	220	21.	1
2-Methylnaphthalene	1900		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	24.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	150	J	ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	81	J	ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	46.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	69		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:32
Analyst: AC
Percent Solids: 73%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.050	JF	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.023	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	66		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	57		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	102		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	111		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13 D
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 15:58
Analyst: JG
Percent Solids: 73%

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	31000		ug/kg	1100	140	5
Pyrene	12000		ug/kg	680	110	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/08/25 13:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	80		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/08/25 16:56
Analyst: DB

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	67.9	J	ng/l	162	36.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/09/25 03:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.13		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.28		ug/l	0.10	0.03	1
Pentachlorophenol	0.17	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	96		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/04/25 09:39
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 07/02/25 15:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	10.8	0.892	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	5.41	0.608	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.70	0.676	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	10.8	1.54	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.70	0.419	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	2.70	0.351	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.70	0.406	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.70	0.230	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.70	0.446	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	10.8	8.14	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.70	0.338	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.70	0.446	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.70	0.446	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.70	0.351	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	10.8	2.07	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	2.70	0.338	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.70	0.811	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.70	0.297	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.70	0.230	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	2.70	0.162	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.70	0.811	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.70	0.365	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.70	0.311	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	2.70	0.270	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	10.8	2.70	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	10.8	0.635	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	2.70	0.406	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	10.8	0.744	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	10.8	0.757	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	2.70	0.378	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	2.70	0.595	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	27.0	2.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	27.0	1.86	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	5.41	0.419	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	5.41	0.608	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	5.41	0.554	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	5.41	0.919	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	13.5	0.906	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	67.6	7.19	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	67.6	5.38	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	74		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		10-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14 RE
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/10/25 11:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/09/25 17:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.19	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14 RE
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	81		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/04/25 06:18
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 07/02/25 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2086488-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/04/25 06:18
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 07/02/25 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2086488-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/04/25 06:18
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 07/02/25 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG2086488-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		10-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/06/25 12:35
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG2087030-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/06/25 12:35
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG2087030-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/06/25 12:35
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG2087030-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	68		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/08/25 14:18
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 09:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 14 Batch: WG2087437-1					
1,4-Dioxane	59.0	J	ng/l	75.0	17.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	30		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/08/25 09:34
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2087657-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/08/25 09:34
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2087657-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	74		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/09/25 03:26
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG2087660-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	0.05	J	ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	0.09	J	ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.04	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	0.04	J	ug/l	0.10	0.03
Phenanthrene	0.05	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03
Pentachlorophenol	0.18	J	ug/l	0.80	0.06
Hexachlorobenzene	0.05	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/09/25 03:26
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/07/25 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG2087660-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	94		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-13 Batch: WG2088045-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-13 Batch: WG2088045-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-13 Batch: WG2088045-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	110		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	105		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	109		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/10/25 10:44
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/09/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG2088675-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.17	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/10/25 10:44
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/09/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG2088675-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	93		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	117		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	124		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	109		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	132		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	122		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	113		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	82		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	85		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	84		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	111		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	114		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	112		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	99		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	113		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	**146**	Q	-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	76		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	118		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	94		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	112		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	115		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	120		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	121		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	94		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	126		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	113		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	66				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-3								
Perfluorobutanoic Acid (PFBA)	103		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	97		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	115		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	92		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	86		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	82		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-3								
Perfluorododecanoic Acid (PFDoA)	107		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	93		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	104		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	123		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	78		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	98		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	98		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	97		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	90		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	124		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	105		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	97		-		50-145	-		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG2086488-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG2087030-2 WG2087030-3								
Acenaphthene	76		79		31-137	4		50
Hexachlorobenzene	72		75		40-140	4		50
Bis(2-chloroethyl)ether	69		74		40-140	7		50
2-Chloronaphthalene	68		70		40-140	3		50
3,3'-Dichlorobenzidine	**39**	Q	**34**	Q	40-140	14		50
2,4-Dinitrotoluene	83		88		40-132	6		50
2,6-Dinitrotoluene	72		75		40-140	4		50
Fluoranthene	78		79		40-140	1		50
4-Chlorophenyl phenyl ether	70		72		40-140	3		50
4-Bromophenyl phenyl ether	70		72		40-140	3		50
Bis(2-chloroisopropyl)ether	66		73		40-140	10		50
Bis(2-chloroethoxy)methane	68		72		40-117	6		50
Hexachlorobutadiene	56		62		40-140	10		50
Hexachlorocyclopentadiene	63		66		40-140	5		50
Hexachloroethane	72		77		40-140	7		50
Isophorone	65		68		40-140	5		50
Naphthalene	71		77		40-140	8		50
Nitrobenzene	67		70		40-140	4		50
NDPA/DPA	68		71		36-157	4		50
n-Nitrosodi-n-propylamine	66		66		32-121	0		50
Bis(2-ethylhexyl)phthalate	107		112		40-140	5		50
Butyl benzyl phthalate	106		106		40-140	0		50
Di-n-butylphthalate	92		93		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG2087030-2 WG2087030-3								
Di-n-octylphthalate	111		114		40-140	3		50
Diethyl phthalate	78		81		40-140	4		50
Dimethyl phthalate	66		69		40-140	4		50
Benzo(a)anthracene	80		80		40-140	0		50
Benzo(a)pyrene	84		84		40-140	0		50
Benzo(b)fluoranthene	86		81		40-140	6		50
Benzo(k)fluoranthene	78		86		40-140	10		50
Chrysene	76		78		40-140	3		50
Acenaphthylene	74		76		40-140	3		50
Anthracene	81		81		40-140	0		50
Benzo(ghi)perylene	84		88		40-140	5		50
Fluorene	75		79		40-140	5		50
Phenanthrene	78		79		40-140	1		50
Dibenzo(a,h)anthracene	82		86		40-140	5		50
Indeno(1,2,3-cd)pyrene	80		82		40-140	2		50
Pyrene	77		78		35-142	1		50
Biphenyl	70		72		37-127	3		50
4-Chloroaniline	**26**	Q	**22**	Q	40-140	17		50
2-Nitroaniline	87		89		47-134	2		50
3-Nitroaniline	64		62		26-129	3		50
4-Nitroaniline	80		81		41-125	1		50
Dibenzofuran	73		79		40-140	8		50
2-Methylnaphthalene	67		71		40-140	6		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG2087030-2 WG2087030-3								
1,2,4,5-Tetrachlorobenzene	62		66		40-117	6		50
Acetophenone	72		78		14-144	8		50
2,4,6-Trichlorophenol	65		67		30-130	3		50
p-Chloro-m-cresol	74		74		26-103	0		50
2-Chlorophenol	81		86		25-102	6		50
2,4-Dichlorophenol	72		75		30-130	4		50
2,4-Dimethylphenol	76		68		30-130	11		50
2-Nitrophenol	88		91		30-130	3		50
4-Nitrophenol	74		80		11-114	8		50
2,4-Dinitrophenol	75		78		4-130	4		50
4,6-Dinitro-o-cresol	89		94		10-130	5		50
Pentachlorophenol	56		57		17-109	2		50
Phenol	70		74		26-90	6		50
2-Methylphenol	77		74		30-130.	4		50
3-Methylphenol/4-Methylphenol	78		78		30-130	0		50
2,4,5-Trichlorophenol	70		73		30-130	4		50
Carbazole	84		84		54-128	0		50
Atrazine	65		70		40-140	7		50
Benzaldehyde	75		81		40-140	8		50
Caprolactam	37		51		15-130	32		50
2,3,4,6-Tetrachlorophenol	70		72		40-140	3		50
1,4-Dioxane	59		67		40-140	13		50

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Lab Number: L2541375
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG2087030-2 WG2087030-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		88		25-120
Phenol-d6	74		78		10-120
Nitrobenzene-d5	70		74		23-120
2-Fluorobiphenyl	67		70		30-120
2,4,6-Tribromophenol	75		79		10-136
4-Terphenyl-d14	82		80		18-120

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 14		Batch: WG2087437-2 WG2087437-3					
1,4-Dioxane	61		70		40-140	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	29		30		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2087657-2 WG2087657-3								
Bis(2-chloroethyl)ether	90		92		40-140	2		30
3,3'-Dichlorobenzidine	67		70		40-140	4		30
2,4-Dinitrotoluene	85		88		48-143	3		30
2,6-Dinitrotoluene	87		91		40-140	4		30
4-Chlorophenyl phenyl ether	72		74		40-140	3		30
4-Bromophenyl phenyl ether	73		80		40-140	9		30
Bis(2-chloroisopropyl)ether	118		119		40-140	1		30
Bis(2-chloroethoxy)methane	89		89		40-140	0		30
Hexachlorocyclopentadiene	44		43		40-140	2		30
Isophorone	95		94		40-140	1		30
Nitrobenzene	91		92		40-140	1		30
NDPA/DPA	80		86		40-140	7		30
n-Nitrosodi-n-propylamine	95		96		29-132	1		30
Bis(2-ethylhexyl)phthalate	107		113		40-140	5		30
Butyl benzyl phthalate	99		104		40-140	5		30
Di-n-butylphthalate	90		98		40-140	9		30
Di-n-octylphthalate	112		120		40-140	7		30
Diethyl phthalate	80		87		40-140	8		30
Dimethyl phthalate	80		85		40-140	6		30
Biphenyl	74		74		40-140	0		30
4-Chloroaniline	86		87		40-140	1		30
2-Nitroaniline	94		100		52-143	6		30
3-Nitroaniline	86		92		25-145	7		30

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Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2087657-2 WG2087657-3								
4-Nitroaniline	88		87		51-143	1		30
Dibenzofuran	75		75		40-140	0		30
1,2,4,5-Tetrachlorobenzene	66		61		2-134	8		30
Acetophenone	99		96		39-129	3		30
2,4,6-Trichlorophenol	85		89		30-130	5		30
p-Chloro-m-cresol	92		**98**	Q	23-97	6		30
2-Chlorophenol	80		81		27-123	1		30
2,4-Dichlorophenol	93		94		30-130	1		30
2,4-Dimethylphenol	86		90		30-130	5		30
2-Nitrophenol	93		95		30-130	2		30
4-Nitrophenol	**81**	Q	**84**	Q	10-80	4		30
2,4-Dinitrophenol	55		57		20-130	4		30
4,6-Dinitro-o-cresol	68		76		20-164	11		30
Phenol	43		43		12-110	0		30
2-Methylphenol	81		86		30-130	6		30
3-Methylphenol/4-Methylphenol	86		85		30-130	1		30
2,4,5-Trichlorophenol	93		100		30-130	7		30
Carbazole	83		87		55-144	5		30
Atrazine	76		84		40-140	10		30
Benzaldehyde	89		88		40-140	1		30
Caprolactam	59		63		10-130	7		30
2,3,4,6-Tetrachlorophenol	86		92		40-140	7		30

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Project Number: 25030019

Lab Number: L2541375
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2087657-2 WG2087657-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		55		21-120
Phenol-d6	40		43		10-120
Nitrobenzene-d5	83		82		23-120
2-Fluorobiphenyl	67		68		15-120
2,4,6-Tribromophenol	73		74		10-120
4-Terphenyl-d14	66		68		41-149

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Batch Quality Control

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Project Number: 25030019

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 14		Batch: WG2087660-2 WG2087660-3					
Acenaphthene	86		73		40-140	16		40
2-Chloronaphthalene	84		70		40-140	18		40
Fluoranthene	104		93		40-140	11		40
Hexachlorobutadiene	58		46		40-140	23		40
Naphthalene	78		64		40-140	20		40
Benzo(a)anthracene	99		88		40-140	12		40
Benzo(a)pyrene	116		103		40-140	12		40
Benzo(b)fluoranthene	114		103		40-140	10		40
Benzo(k)fluoranthene	109		94		40-140	15		40
Chrysene	95		84		40-140	12		40
Acenaphthylene	97		83		40-140	16		40
Anthracene	98		85		40-140	14		40
Benzo(ghi)perylene	114		104		40-140	9		40
Fluorene	96		83		40-140	15		40
Phenanthrene	93		81		40-140	14		40
Dibenzo(a,h)anthracene	105		96		40-140	9		40
Indeno(1,2,3-cd)pyrene	130		115		40-140	12		40
Pyrene	102		91		40-140	11		40
2-Methylnaphthalene	81		67		40-140	19		40
Pentachlorophenol	110		103		40-140	7		40
Hexachlorobenzene	95		83		40-140	13		40
Hexachloroethane	60		49		40-140	20		40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14 Batch: WG2087660-2 WG2087660-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		57		21-120
Phenol-d6	47		41		10-120
Nitrobenzene-d5	93		81		23-120
2-Fluorobiphenyl	83		72		15-120
2,4,6-Tribromophenol	85		76		10-120
4-Terphenyl-d14	92		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	117		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	113		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	129		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	107		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	111		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		65-165	-		30

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Batch Quality Control

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Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	100		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	138		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	106		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	110		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	120		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	103		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	116		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	112				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	111				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	113				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-3								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	97		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	114		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	102		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	94		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	92		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-3								
Perfluorododecanoic Acid (PFDoA)	103		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	90		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	103		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	105		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	102		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	105		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	116		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-13 Batch: WG2088045-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	57				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	105				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 14		Batch: WG2088675-2 WG2088675-3					
Acenaphthene	69		59		40-140	16		40
2-Chloronaphthalene	69		60		40-140	14		40
Fluoranthene	79		72		40-140	9		40
Hexachlorobutadiene	51		44		40-140	15		40
Naphthalene	62		54		40-140	14		40
Benzo(a)anthracene	74		67		40-140	10		40
Benzo(a)pyrene	82		74		40-140	10		40
Benzo(b)fluoranthene	79		73		40-140	8		40
Benzo(k)fluoranthene	81		73		40-140	10		40
Chrysene	75		69		40-140	8		40
Acenaphthylene	77		67		40-140	14		40
Anthracene	77		69		40-140	11		40
Benzo(ghi)perylene	83		74		40-140	11		40
Fluorene	77		67		40-140	14		40
Phenanthrene	71		63		40-140	12		40
Dibenzo(a,h)anthracene	84		76		40-140	10		40
Indeno(1,2,3-cd)pyrene	89		80		40-140	11		40
Pyrene	78		71		40-140	9		40
2-Methylnaphthalene	69		60		40-140	14		40
Pentachlorophenol	88		79		40-140	11		40
Hexachlorobenzene	70		62		40-140	12		40
Hexachloroethane	50		44		40-140	13		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14 Batch: WG2088675-2 WG2088675-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		48		21-120
Phenol-d6	43		37		10-120
Nitrobenzene-d5	81		68		23-120
2-Fluorobiphenyl	80		68		15-120
2,4,6-Tribromophenol	92		82		10-120
4-Terphenyl-d14	86		79		41-149

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 12:34
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.76	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 12:42
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.1	5.34	1	A
Aroclor 1221	ND		ug/kg	60.1	6.02	1	A
Aroclor 1232	ND		ug/kg	60.1	12.7	1	A
Aroclor 1242	ND		ug/kg	60.1	8.10	1	A
Aroclor 1248	ND		ug/kg	60.1	9.02	1	A
Aroclor 1254	ND		ug/kg	60.1	6.58	1	A
Aroclor 1260	ND		ug/kg	60.1	11.1	1	A
Aroclor 1262	ND		ug/kg	60.1	7.63	1	A
Aroclor 1268	ND		ug/kg	60.1	6.23	1	A
PCBs, Total	ND		ug/kg	60.1	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 12:50
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.1	4.80	1	A
Aroclor 1221	ND		ug/kg	54.1	5.42	1	A
Aroclor 1232	ND		ug/kg	54.1	11.5	1	A
Aroclor 1242	ND		ug/kg	54.1	7.29	1	A
Aroclor 1248	ND		ug/kg	54.1	8.11	1	A
Aroclor 1254	ND		ug/kg	54.1	5.91	1	A
Aroclor 1260	ND		ug/kg	54.1	9.99	1	A
Aroclor 1262	ND		ug/kg	54.1	6.87	1	A
Aroclor 1268	ND		ug/kg	54.1	5.60	1	A
PCBs, Total	ND		ug/kg	54.1	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 12:58
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.30	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.61	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:06
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:15
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.47	1	A
Aroclor 1254	ND		ug/kg	56.5	6.18	1	A
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.17	1	A
Aroclor 1268	14.7	J	ug/kg	56.5	5.85	1	A
PCBs, Total	14.7	J	ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:23
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.32	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.04	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:31
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.70	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.14	1	A
Aroclor 1248	ND		ug/kg	53.0	7.94	1	A
Aroclor 1254	ND		ug/kg	53.0	5.79	1	A
Aroclor 1260	ND		ug/kg	53.0	9.79	1	A
Aroclor 1262	ND		ug/kg	53.0	6.72	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:39
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.2	5.16	1	A
Aroclor 1221	ND		ug/kg	58.2	5.83	1	A
Aroclor 1232	ND		ug/kg	58.2	12.3	1	A
Aroclor 1242	ND		ug/kg	58.2	7.84	1	A
Aroclor 1248	ND		ug/kg	58.2	8.72	1	A
Aroclor 1254	ND		ug/kg	58.2	6.36	1	A
Aroclor 1260	ND		ug/kg	58.2	10.7	1	A
Aroclor 1262	ND		ug/kg	58.2	7.38	1	A
Aroclor 1268	ND		ug/kg	58.2	6.02	1	A
PCBs, Total	ND		ug/kg	58.2	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:48
Analyst: MEO
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.9	5.50	1	A
Aroclor 1221	ND		ug/kg	61.9	6.20	1	A
Aroclor 1232	ND		ug/kg	61.9	13.1	1	A
Aroclor 1242	ND		ug/kg	61.9	8.34	1	A
Aroclor 1248	ND		ug/kg	61.9	9.28	1	A
Aroclor 1254	ND		ug/kg	61.9	6.77	1	A
Aroclor 1260	ND		ug/kg	61.9	11.4	1	A
Aroclor 1262	ND		ug/kg	61.9	7.86	1	A
Aroclor 1268	ND		ug/kg	61.9	6.41	1	A
PCBs, Total	ND		ug/kg	61.9	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 13:56
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.1	5.34	1	A
Aroclor 1221	ND		ug/kg	60.1	6.02	1	A
Aroclor 1232	ND		ug/kg	60.1	12.7	1	A
Aroclor 1242	ND		ug/kg	60.1	8.10	1	A
Aroclor 1248	ND		ug/kg	60.1	9.02	1	A
Aroclor 1254	ND		ug/kg	60.1	6.58	1	A
Aroclor 1260	ND		ug/kg	60.1	11.1	1	A
Aroclor 1262	ND		ug/kg	60.1	7.63	1	A
Aroclor 1268	ND		ug/kg	60.1	6.23	1	A
PCBs, Total	ND		ug/kg	60.1	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 14:04
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.3	5.35	1	A
Aroclor 1221	ND		ug/kg	60.3	6.04	1	A
Aroclor 1232	ND		ug/kg	60.3	12.8	1	A
Aroclor 1242	ND		ug/kg	60.3	8.13	1	A
Aroclor 1248	ND		ug/kg	60.3	9.04	1	A
Aroclor 1254	ND		ug/kg	60.3	6.60	1	A
Aroclor 1260	ND		ug/kg	60.3	11.1	1	B
Aroclor 1262	ND		ug/kg	60.3	7.66	1	A
Aroclor 1268	6.88	J	ug/kg	60.3	6.25	1	A
PCBs, Total	6.88	J	ug/kg	60.3	5.35	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 14:12
Analyst: MEO
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.5	5.73	1	A
Aroclor 1221	ND		ug/kg	64.5	6.46	1	A
Aroclor 1232	ND		ug/kg	64.5	13.7	1	A
Aroclor 1242	ND		ug/kg	64.5	8.69	1	A
Aroclor 1248	ND		ug/kg	64.5	9.67	1	A
Aroclor 1254	ND		ug/kg	64.5	7.06	1	A
Aroclor 1260	ND		ug/kg	64.5	11.9	1	A
Aroclor 1262	ND		ug/kg	64.5	8.19	1	A
Aroclor 1268	ND		ug/kg	64.5	6.68	1	A
PCBs, Total	ND		ug/kg	64.5	5.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/03/25 12:47
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/03/25 00:40
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/25 11:14
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/03/25 00:40
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 14 Batch: WG2086509-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/07/25 11:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/04/25 21:17
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-13 Batch: WG2087035-1						
Aroclor 1016	ND		ug/kg	45.9	4.07	A
Aroclor 1221	ND		ug/kg	45.9	4.60	A
Aroclor 1232	ND		ug/kg	45.9	9.72	A
Aroclor 1242	ND		ug/kg	45.9	6.18	A
Aroclor 1248	ND		ug/kg	45.9	6.88	A
Aroclor 1254	ND		ug/kg	45.9	5.02	A
Aroclor 1260	ND		ug/kg	45.9	8.48	A
Aroclor 1262	ND		ug/kg	45.9	5.82	A
Aroclor 1268	ND		ug/kg	45.9	4.75	A
PCBs, Total	ND		ug/kg	45.9	4.07	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 14 Batch: WG2086509-2 WG2086509-3									
Aroclor 1016	77		81		40-140	6		50	A
Aroclor 1260	88		91		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	A
Decachlorobiphenyl	78		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		67		30-150	B
Decachlorobiphenyl	79		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-13 Batch: WG2087035-2 WG2087035-3									
Aroclor 1016	84		90		40-140	7		50	A
Aroclor 1260	77		81		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		95		30-150	A
Decachlorobiphenyl	79		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		91		30-150	B
Decachlorobiphenyl	72		75		30-150	B

PESTICIDES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 11:14
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.665	1	A
Heptachlor	ND		ug/kg	0.878	0.393	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A
Chlordane	ND		ug/kg	14.6	5.81	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 18:52
Analyst: JAG
Percent Solids: 91%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	83		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 11:27
Analyst: EJL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.367	1	A
Lindane	ND		ug/kg	0.780	0.349	1	A
Alpha-BHC	ND		ug/kg	0.780	0.222	1	A
Beta-BHC	ND		ug/kg	1.87	0.710	1	A
Heptachlor	ND		ug/kg	0.936	0.420	1	A
Aldrin	ND		ug/kg	1.87	0.659	1	A
Heptachlor epoxide	ND		ug/kg	3.51	1.05	1	A
Endrin	ND		ug/kg	0.780	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.819	1	A
Endrin ketone	ND		ug/kg	1.87	0.482	1	A
Dieldrin	ND		ug/kg	1.17	0.585	1	A
4,4'-DDE	ND		ug/kg	1.87	0.433	1	A
4,4'-DDD	ND		ug/kg	1.87	0.668	1	A
4,4'-DDT	ND		ug/kg	1.87	1.51	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.626	1	A
Endosulfan sulfate	ND		ug/kg	0.780	0.371	1	A
Methoxychlor	ND		ug/kg	3.51	1.09	1	A
Toxaphene	ND		ug/kg	35.1	9.83	1	A
cis-Chlordane	ND		ug/kg	2.34	0.652	1	A
trans-Chlordane	ND		ug/kg	2.34	0.618	1	A
Chlordane	ND		ug/kg	15.6	6.20	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/25 23:00
Analyst: EJL
Percent Solids: 81%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	75		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 11:39
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541375
Project Number: 25030019
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/25 23:38
Analyst: EJL
Percent Solids: 90%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	77		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 11:51
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/25 23:56
Analyst: EJL
Percent Solids: 89%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 12:04
Analyst: EJL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	2.19		ug/kg	1.77	0.409	1	A
4,4'-DDD	1.30	J	ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.7	5.86	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 00:15
Analyst: EJL
Percent Solids: 86%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	61		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 12:16
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.323	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.657	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.974	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	2.35		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.09	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541375
Project Number: 25030019
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 00:33
Analyst: EJL
Percent Solids: 88%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.80	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 12:28
Analyst: EJL
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.787	0.352	1	A
Alpha-BHC	ND		ug/kg	0.787	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.716	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.665	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.787	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.590	1	A
4,4'-DDE	ND		ug/kg	1.89	0.437	1	A
4,4'-DDD	ND		ug/kg	1.89	0.674	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.631	1	A
Endosulfan sulfate	ND		ug/kg	0.787	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.92	1	A
cis-Chlordane	ND		ug/kg	2.36	0.658	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.7	6.26	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 00:52
Analyst: EJL
Percent Solids: 84%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.1	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 12:41
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 01:11
Analyst: EJL
Percent Solids: 91%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	77		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 12:53
Analyst: EJL
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.348	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.777	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.816	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	ND		ug/kg	1.17	0.583	1	A
4,4'-DDE	ND		ug/kg	1.86	0.431	1	A
4,4'-DDD	ND		ug/kg	1.86	0.665	1	A
4,4'-DDT	ND		ug/kg	1.86	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.441	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.5	6.18	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 01:29
Analyst: EJL
Percent Solids: 84%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	74		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 13:05
Analyst: EJL
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	A
Lindane	ND		ug/kg	0.840	0.376	1	A
Alpha-BHC	ND		ug/kg	0.840	0.239	1	A
Beta-BHC	ND		ug/kg	2.02	0.765	1	A
Heptachlor	ND		ug/kg	1.01	0.452	1	A
Aldrin	ND		ug/kg	2.02	0.710	1	A
Heptachlor epoxide	ND		ug/kg	3.78	1.13	1	A
Endrin	ND		ug/kg	0.840	0.345	1	A
Endrin aldehyde	ND		ug/kg	2.52	0.883	1	A
Endrin ketone	ND		ug/kg	2.02	0.519	1	A
Dieldrin	ND		ug/kg	1.26	0.630	1	A
4,4'-DDE	ND		ug/kg	2.02	0.466	1	A
4,4'-DDD	ND		ug/kg	2.02	0.720	1	A
4,4'-DDT	ND		ug/kg	2.02	1.62	1	A
Endosulfan I	ND		ug/kg	2.02	0.477	1	A
Endosulfan II	ND		ug/kg	2.02	0.674	1	A
Endosulfan sulfate	ND		ug/kg	0.840	0.400	1	A
Methoxychlor	ND		ug/kg	3.78	1.18	1	A
Toxaphene	ND		ug/kg	37.8	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.703	1	A
trans-Chlordane	ND		ug/kg	2.52	0.666	1	A
Chlordane	ND		ug/kg	16.8	6.68	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541375
Project Number: 25030019
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 01:48
Analyst: EJL
Percent Solids: 77%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.55	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	74		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 13:17
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.600	1	A
4,4'-DDE	ND		ug/kg	1.92	0.444	1	A
4,4'-DDD	ND		ug/kg	1.92	0.685	1	A
4,4'-DDT	ND		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.669	1	A
trans-Chlordane	ND		ug/kg	2.40	0.634	1	A
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 02:06
Analyst: EJL
Percent Solids: 82%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.7	1	A
2,4,5-T	ND		ug/kg	201	6.24	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 13:30
Analyst: EJL
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.812	0.363	1	A
Alpha-BHC	ND		ug/kg	0.812	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.739	1	A
Heptachlor	ND		ug/kg	0.975	0.437	1	A
Aldrin	ND		ug/kg	1.95	0.686	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.812	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.853	1	A
Endrin ketone	ND		ug/kg	1.95	0.502	1	A
Dieldrin	ND		ug/kg	1.22	0.609	1	A
4,4'-DDE	ND		ug/kg	1.95	0.451	1	A
4,4'-DDD	ND		ug/kg	1.95	0.695	1	A
4,4'-DDT	ND		ug/kg	1.95	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.461	1	A
Endosulfan II	ND		ug/kg	1.95	0.652	1	A
Endosulfan sulfate	ND		ug/kg	0.812	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	ND		ug/kg	2.44	0.679	1	A
trans-Chlordane	ND		ug/kg	2.44	0.643	1	A
Chlordane	ND		ug/kg	16.2	6.46	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541375
Project Number: 25030019
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 02:25
Analyst: EJL
Percent Solids: 79%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	206	13.0	1	A
2,4,5-T	ND		ug/kg	206	6.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	206	5.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/25 13:41
Analyst: EJL
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.857	0.383	1	A
Alpha-BHC	ND		ug/kg	0.857	0.243	1	A
Beta-BHC	ND		ug/kg	2.06	0.780	1	A
Heptachlor	ND		ug/kg	1.03	0.461	1	A
Aldrin	ND		ug/kg	2.06	0.724	1	A
Heptachlor epoxide	ND		ug/kg	3.86	1.16	1	A
Endrin	ND		ug/kg	0.857	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.900	1	A
Endrin ketone	ND		ug/kg	2.06	0.530	1	A
Dieldrin	ND		ug/kg	1.28	0.643	1	A
4,4'-DDE	ND		ug/kg	2.06	0.476	1	A
4,4'-DDD	ND		ug/kg	2.06	0.734	1	A
4,4'-DDT	ND		ug/kg	2.06	1.65	1	A
Endosulfan I	ND		ug/kg	2.06	0.486	1	A
Endosulfan II	ND		ug/kg	2.06	0.688	1	A
Endosulfan sulfate	ND		ug/kg	0.857	0.408	1	A
Methoxychlor	ND		ug/kg	3.86	1.20	1	A
Toxaphene	ND		ug/kg	38.6	10.8	1	A
cis-Chlordane	ND		ug/kg	2.57	0.717	1	A
trans-Chlordane	ND		ug/kg	2.57	0.679	1	A
Chlordane	ND		ug/kg	17.1	6.82	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**1970**	Q	30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/25 03:02
Analyst: EJL
Percent Solids: 73%
Methylation Date: 07/05/25 14:24

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	222	14.0	1	A
2,4,5-T	ND		ug/kg	222	6.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	222	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	67		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/03/25 19:17
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/03/25 04:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	49		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/08/25 11:09
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 07:33

Methylation Date: 07/08/25 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	86		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/25 17:14
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/03/25 04:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14 Batch: WG2086528-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/25 17:14
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/03/25 04:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14 Batch: WG2086528-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	83		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/05/25 21:27
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/04/25 07:02

Methylation Date: 07/05/25 14:24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02-13 Batch: WG2086967-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	67		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/25 09:48
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-13 Batch: WG2087192-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.777	0.348	A
Aldrin	ND		ug/kg	1.55	0.547	A
Heptachlor epoxide	ND		ug/kg	2.91	0.874	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.971	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/25 09:48
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/06/25 10:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-13 Batch: WG2087192-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/07/25 14:55
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:12

Methylation Date: 07/07/25 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG2087325-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	86		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/08/25 07:13
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 07:33

Methylation Date: 07/08/25 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 14 Batch: WG2087406-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14 Batch: WG2086528-2 WG2086528-3									
Delta-BHC	69		81		30-150	16		20	A
Lindane	99		114		30-150	14		20	A
Alpha-BHC	98		112		30-150	14		20	A
Beta-BHC	91		104		30-150	13		20	A
Heptachlor	85		97		30-150	13		20	A
Aldrin	85		95		30-150	12		20	A
Heptachlor epoxide	95		111		30-150	15		20	A
Endrin	96		111		30-150	15		20	A
Endrin aldehyde	80		93		30-150	14		20	A
Endrin ketone	90		105		30-150	15		20	A
Dieldrin	92		106		30-150	15		20	A
4,4'-DDE	91		106		30-150	15		20	A
4,4'-DDD	94		109		30-150	15		20	A
4,4'-DDT	96		111		30-150	14		20	A
Endosulfan I	90		104		30-150	15		20	A
Endosulfan II	92		106		30-150	14		20	A
Endosulfan sulfate	82		94		30-150	14		20	A
Methoxychlor	84		97		30-150	14		20	A
cis-Chlordane	82		94		30-150	14		20	A
trans-Chlordane	80		92		30-150	14		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14 Batch: WG2086528-2 WG2086528-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	B
Decachlorobiphenyl	68		71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	A
Decachlorobiphenyl	84		86		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02-13 Batch: WG2086967-2 WG2086967-3									
2,4-D	85		82		30-150	4		30	A
2,4,5-T	88		87		30-150	1		30	A
2,4,5-TP (Silvex)	79		79		30-150	0		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	83		81		30-150	A
DCAA	81		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-13 Batch: WG2087192-2 WG2087192-3									
Delta-BHC	72		79		30-150	9		30	A
Lindane	78		84		30-150	7		30	A
Alpha-BHC	76		83		30-150	9		30	A
Beta-BHC	67		73		30-150	9		30	A
Heptachlor	72		77		30-150	7		30	A
Aldrin	72		79		30-150	9		30	A
Heptachlor epoxide	60		66		30-150	10		30	A
Endrin	74		80		30-150	8		30	A
Endrin aldehyde	60		65		30-150	8		30	A
Endrin ketone	73		78		30-150	7		30	A
Dieldrin	71		76		30-150	7		30	A
4,4'-DDE	72		77		30-150	7		30	A
4,4'-DDD	72		78		30-150	8		30	A
4,4'-DDT	76		81		30-150	6		30	A
Endosulfan I	70		75		30-150	7		30	A
Endosulfan II	72		77		30-150	7		30	A
Endosulfan sulfate	68		73		30-150	7		30	A
Methoxychlor	66		71		30-150	7		30	A
cis-Chlordane	65		70		30-150	7		30	A
trans-Chlordane	66		72		30-150	9		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-13 Batch: WG2087192-2 WG2087192-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	A
Decachlorobiphenyl	62		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		70		30-150	B
Decachlorobiphenyl	61		64		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2087325-2 WG2087325-3									
2,4-D	98		101		30-150	3		30	A
2,4,5-T	105		109		30-150	4		30	A
2,4,5-TP (Silvex)	92		97		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	94		96		30-150	A
DCAA	93		96		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 14 Batch: WG2087406-2 WG2087406-3									
2,4-D	84		78		30-150	7		25	A
2,4,5-T	91		86		30-150	6		25	A
2,4,5-TP (Silvex)	88		84		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	92		86		30-150	A
DCAA	107		95		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 91%

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5490		mg/kg	8.62	2.80	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Antimony, Total	6.98		mg/kg	4.31	3.32	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Arsenic, Total	7.70		mg/kg	0.862	0.372	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Barium, Total	434		mg/kg	2.15	0.228	5	07/10/25 16:18	07/11/25 09:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.349	J	mg/kg	0.431	0.047	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.428	J	mg/kg	0.862	0.047	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Calcium, Total	10000		mg/kg	8.62	4.89	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Chromium, Total	14.2		mg/kg	0.862	0.731	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.15		mg/kg	1.72	0.214	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Copper, Total	41.0		mg/kg	0.862	0.196	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Iron, Total	10200		mg/kg	4.31	0.905	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Lead, Total	1100		mg/kg	4.31	0.205	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Magnesium, Total	4190		mg/kg	8.62	1.40	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Manganese, Total	224		mg/kg	0.862	0.462	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Mercury, Total	0.968		mg/kg	0.080	0.052	1	07/10/25 17:40	07/11/25 10:06	EPA 7471B	1,7471B	JWN
Nickel, Total	18.3		mg/kg	2.15	0.696	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Potassium, Total	718		mg/kg	215	43.7	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.72	0.284	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Silver, Total	0.276	J	mg/kg	0.431	0.257	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	172	91.3	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.72	0.777	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.9		mg/kg	0.862	0.130	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC
Zinc, Total	651		mg/kg	4.31	0.522	2	07/10/25 16:18	07/10/25 21:43	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3420		mg/kg	9.60	3.12	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.80	3.70	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.25		mg/kg	0.960	0.415	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Barium, Total	142		mg/kg	0.960	0.102	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.307	J	mg/kg	0.480	0.053	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.092	J	mg/kg	0.960	0.053	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Calcium, Total	4680		mg/kg	9.60	5.44	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Chromium, Total	7.22		mg/kg	0.960	0.814	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.10		mg/kg	1.92	0.238	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Copper, Total	33.9		mg/kg	0.960	0.218	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Iron, Total	6580		mg/kg	4.80	1.01	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Lead, Total	498		mg/kg	4.80	0.228	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Magnesium, Total	642		mg/kg	9.60	1.56	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Manganese, Total	120		mg/kg	0.960	0.514	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Mercury, Total	8.83		mg/kg	0.983	0.641	10	07/10/25 17:40	07/11/25 11:27	EPA 7471B	1,7471B	JWN
Nickel, Total	7.92		mg/kg	2.40	0.776	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Potassium, Total	521		mg/kg	240	48.7	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Selenium, Total	1.67	J	mg/kg	1.92	0.316	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.480	0.286	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Sodium, Total	312		mg/kg	192	102.	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.92	0.866	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Vanadium, Total	15.5		mg/kg	0.960	0.145	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC
Zinc, Total	137		mg/kg	4.80	0.582	2	07/10/25 16:18	07/10/25 21:33	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3730		mg/kg	8.49	2.76	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.24	3.27	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.43		mg/kg	0.849	0.367	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Barium, Total	1270		mg/kg	1.70	0.180	4	07/10/25 16:18	07/10/25 23:00	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.284	J	mg/kg	0.424	0.047	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.224	J	mg/kg	0.849	0.047	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Calcium, Total	59000		mg/kg	17.0	9.63	4	07/10/25 16:18	07/10/25 23:00	EPA 3050B	1,6010D	DMC
Chromium, Total	7.66		mg/kg	0.849	0.720	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.42		mg/kg	1.70	0.210	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Copper, Total	10.6		mg/kg	0.849	0.193	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Iron, Total	6240		mg/kg	4.24	0.892	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Lead, Total	375		mg/kg	4.24	0.202	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Magnesium, Total	4690		mg/kg	8.49	1.38	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Manganese, Total	205		mg/kg	0.849	0.455	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Mercury, Total	0.166		mg/kg	0.079	0.052	1	07/10/25 17:40	07/11/25 10:28	EPA 7471B	1,7471B	JWN
Nickel, Total	14.5		mg/kg	2.12	0.686	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Potassium, Total	1270		mg/kg	212	43.0	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.70	0.279	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.424	0.253	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Sodium, Total	164	J	mg/kg	170	90.0	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.70	0.766	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.0		mg/kg	0.849	0.128	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC
Zinc, Total	789		mg/kg	4.24	0.514	2	07/10/25 16:18	07/10/25 21:36	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2460		mg/kg	8.72	2.83	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.36	3.36	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.23		mg/kg	0.872	0.377	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Barium, Total	46.7		mg/kg	0.872	0.092	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.173	J	mg/kg	0.436	0.048	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.872	0.048	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Calcium, Total	35600		mg/kg	8.72	4.94	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Chromium, Total	5.81		mg/kg	0.872	0.739	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.01		mg/kg	1.74	0.216	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Copper, Total	14.3		mg/kg	0.872	0.198	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Iron, Total	4860		mg/kg	4.36	0.916	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Lead, Total	371		mg/kg	4.36	0.208	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Magnesium, Total	2200		mg/kg	8.72	1.42	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Manganese, Total	182		mg/kg	0.872	0.467	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Mercury, Total	0.535		mg/kg	0.087	0.057	1	07/10/25 17:40	07/11/25 10:32	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.18	0.704	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Potassium, Total	463		mg/kg	218	44.2	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Selenium, Total	0.975	J	mg/kg	1.74	0.287	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.436	0.260	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Sodium, Total	121	J	mg/kg	174	92.4	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.786	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Vanadium, Total	10.5		mg/kg	0.872	0.132	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC
Zinc, Total	161		mg/kg	4.36	0.528	2	07/10/25 16:18	07/10/25 21:39	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2790		mg/kg	8.86	2.88	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.43	3.41	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Arsenic, Total	9.82		mg/kg	0.886	0.382	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Barium, Total	127		mg/kg	0.886	0.094	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.253	J	mg/kg	0.443	0.049	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.100	J	mg/kg	0.886	0.049	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Calcium, Total	6880		mg/kg	8.86	5.02	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Chromium, Total	7.48		mg/kg	0.886	0.751	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.74		mg/kg	1.77	0.220	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Copper, Total	40.9		mg/kg	0.886	0.201	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Iron, Total	9660		mg/kg	4.43	0.930	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Lead, Total	692		mg/kg	4.43	0.211	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Magnesium, Total	1120		mg/kg	8.86	1.44	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Manganese, Total	96.0		mg/kg	0.886	0.475	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Mercury, Total	1.89		mg/kg	0.087	0.057	1	07/10/25 17:40	07/11/25 10:35	EPA 7471B	1,7471B	JWN
Nickel, Total	8.25		mg/kg	2.21	0.716	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Potassium, Total	390		mg/kg	221	44.9	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Selenium, Total	8.82		mg/kg	1.77	0.291	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.443	0.264	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Sodium, Total	181		mg/kg	177	93.9	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.77	0.799	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.1		mg/kg	0.886	0.134	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC
Zinc, Total	233		mg/kg	4.43	0.537	2	07/10/25 16:18	07/10/25 20:48	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3440		mg/kg	8.99	2.92	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.49	3.46	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Arsenic, Total	35.2		mg/kg	0.899	0.388	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Barium, Total	136		mg/kg	0.899	0.095	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.255	J	mg/kg	0.449	0.049	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.302	J	mg/kg	0.899	0.049	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Calcium, Total	2160		mg/kg	8.99	5.10	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Chromium, Total	22.1		mg/kg	0.899	0.762	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.63		mg/kg	1.80	0.223	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Copper, Total	57.4		mg/kg	0.899	0.204	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Iron, Total	9410		mg/kg	4.49	0.944	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Lead, Total	1710		mg/kg	4.49	0.214	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Magnesium, Total	1880		mg/kg	8.99	1.46	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Manganese, Total	150		mg/kg	0.899	0.482	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Mercury, Total	0.562		mg/kg	0.092	0.060	1	07/10/25 17:40	07/11/25 10:38	EPA 7471B	1,7471B	JWN
Nickel, Total	19.5		mg/kg	2.25	0.726	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Potassium, Total	414		mg/kg	225	45.6	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Selenium, Total	0.458	J	mg/kg	1.80	0.296	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.449	0.268	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	180	95.3	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.80	0.811	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Vanadium, Total	19.3		mg/kg	0.899	0.136	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC
Zinc, Total	114		mg/kg	4.49	0.545	2	07/10/25 16:18	07/10/25 20:52	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5450		mg/kg	9.09	2.96	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.55	3.50	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.42		mg/kg	0.909	0.393	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Barium, Total	93.6		mg/kg	0.909	0.096	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.350	J	mg/kg	0.455	0.050	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.909	0.050	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Calcium, Total	7340		mg/kg	9.09	5.16	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Chromium, Total	8.86		mg/kg	0.909	0.771	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.88		mg/kg	1.82	0.226	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Copper, Total	92.2		mg/kg	0.909	0.206	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Iron, Total	9740		mg/kg	4.55	0.955	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Lead, Total	237		mg/kg	4.55	0.216	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Magnesium, Total	2220		mg/kg	9.09	1.48	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Manganese, Total	234		mg/kg	0.909	0.487	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Mercury, Total	0.858		mg/kg	0.093	0.060	1	07/10/25 17:40	07/11/25 10:42	EPA 7471B	1,7471B	JWN
Nickel, Total	9.26		mg/kg	2.27	0.735	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Potassium, Total	479		mg/kg	227	46.1	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Selenium, Total	0.472	J	mg/kg	1.82	0.299	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Silver, Total	0.273	J	mg/kg	0.455	0.271	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Sodium, Total	101	J	mg/kg	182	96.4	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.82	0.820	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.4		mg/kg	0.909	0.137	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC
Zinc, Total	50.4		mg/kg	4.55	0.551	2	07/10/25 16:18	07/10/25 20:55	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3460		mg/kg	8.69	2.82	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.34	3.34	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Arsenic, Total	14.1		mg/kg	0.869	0.375	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Barium, Total	152		mg/kg	0.869	0.092	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.251	J	mg/kg	0.434	0.048	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.352	J	mg/kg	0.869	0.048	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Calcium, Total	2180		mg/kg	8.69	4.93	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Chromium, Total	8.93		mg/kg	0.869	0.737	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.32		mg/kg	1.74	0.215	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Copper, Total	81.3		mg/kg	0.869	0.197	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Iron, Total	9700		mg/kg	4.34	0.912	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Lead, Total	636		mg/kg	4.34	0.207	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Magnesium, Total	790		mg/kg	8.69	1.42	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Manganese, Total	141		mg/kg	0.869	0.466	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Mercury, Total	1.27		mg/kg	0.082	0.054	1	07/10/25 17:40	07/11/25 10:45	EPA 7471B	1,7471B	JWN
Nickel, Total	16.8		mg/kg	2.17	0.702	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Potassium, Total	468		mg/kg	217	44.0	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Selenium, Total	1.00	J	mg/kg	1.74	0.286	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Silver, Total	0.270	J	mg/kg	0.434	0.259	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Sodium, Total	107	J	mg/kg	174	92.1	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.784	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.4		mg/kg	0.869	0.131	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC
Zinc, Total	226		mg/kg	4.34	0.526	2	07/10/25 16:18	07/10/25 22:12	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2560		mg/kg	9.04	2.94	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.52	3.48	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.30		mg/kg	0.904	0.390	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Barium, Total	97.3		mg/kg	0.904	0.096	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.195	J	mg/kg	0.452	0.050	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.200	J	mg/kg	0.904	0.050	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Calcium, Total	6510		mg/kg	9.04	5.12	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Chromium, Total	13.8		mg/kg	0.904	0.767	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.73		mg/kg	1.81	0.224	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Copper, Total	49.4		mg/kg	0.904	0.205	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Iron, Total	6420		mg/kg	4.52	0.949	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Lead, Total	336		mg/kg	4.52	0.215	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Magnesium, Total	2140		mg/kg	9.04	1.47	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Manganese, Total	104		mg/kg	0.904	0.484	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Mercury, Total	0.604		mg/kg	0.083	0.054	1	07/10/25 17:40	07/11/25 10:48	EPA 7471B	1,7471B	JWN
Nickel, Total	13.9		mg/kg	2.26	0.730	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Potassium, Total	479		mg/kg	226	45.8	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Selenium, Total	0.906	J	mg/kg	1.81	0.297	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.269	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Sodium, Total	96.6	J	mg/kg	181	95.8	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.81	0.815	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.3		mg/kg	0.904	0.136	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC
Zinc, Total	113		mg/kg	4.52	0.548	2	07/10/25 16:18	07/10/25 22:15	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3740		mg/kg	10.1	3.27	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Antimony, Total	13.2		mg/kg	5.03	3.88	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Arsenic, Total	15.5		mg/kg	1.01	0.435	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Barium, Total	222		mg/kg	1.01	0.107	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.350	J	mg/kg	0.503	0.055	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.241	J	mg/kg	1.01	0.055	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Calcium, Total	4950		mg/kg	10.1	5.71	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Chromium, Total	16.5		mg/kg	1.01	0.854	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.53		mg/kg	2.01	0.250	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Copper, Total	162		mg/kg	1.01	0.228	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Iron, Total	23400		mg/kg	5.03	1.06	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Lead, Total	498		mg/kg	5.03	0.240	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Magnesium, Total	958		mg/kg	10.1	1.64	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Manganese, Total	106		mg/kg	1.01	0.540	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Mercury, Total	0.576		mg/kg	0.104	0.068	1	07/10/25 17:40	07/11/25 10:52	EPA 7471B	1,7471B	JWN
Nickel, Total	16.8		mg/kg	2.52	0.813	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Potassium, Total	574		mg/kg	252	51.0	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Selenium, Total	5.97		mg/kg	2.01	0.331	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Silver, Total	0.437	J	mg/kg	0.503	0.300	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Sodium, Total	155	J	mg/kg	201	107.	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.01	0.908	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Vanadium, Total	19.3		mg/kg	1.01	0.152	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC
Zinc, Total	151		mg/kg	5.03	0.610	2	07/10/25 16:18	07/10/25 22:19	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5560		mg/kg	9.47	3.08	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.73	3.64	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.72		mg/kg	0.947	0.409	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Barium, Total	63.4		mg/kg	0.947	0.100	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.306	J	mg/kg	0.473	0.052	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.947	0.052	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Calcium, Total	33500		mg/kg	9.47	5.37	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Chromium, Total	14.9		mg/kg	0.947	0.803	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.54		mg/kg	1.89	0.235	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Copper, Total	34.0		mg/kg	0.947	0.215	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Iron, Total	9380		mg/kg	4.73	0.994	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Lead, Total	97.2		mg/kg	4.73	0.225	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Magnesium, Total	3430		mg/kg	9.47	1.54	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Manganese, Total	164		mg/kg	0.947	0.508	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Mercury, Total	0.919		mg/kg	0.098	0.064	1	07/10/25 17:40	07/11/25 10:55	EPA 7471B	1,7471B	JWN
Nickel, Total	35.2		mg/kg	2.37	0.765	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Potassium, Total	1120		mg/kg	237	48.0	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.89	0.312	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.473	0.282	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Sodium, Total	150	J	mg/kg	189	100.	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.89	0.854	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.5		mg/kg	0.947	0.143	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC
Zinc, Total	80.6		mg/kg	4.73	0.574	2	07/10/25 16:18	07/10/25 22:22	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 79%

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3130		mg/kg	9.79	3.18	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.89	3.77	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Arsenic, Total	11.6		mg/kg	0.979	0.423	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Barium, Total	257		mg/kg	0.979	0.104	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.252	J	mg/kg	0.489	0.054	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Cadmium, Total	3.62		mg/kg	0.979	0.054	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Calcium, Total	2550		mg/kg	9.79	5.55	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Chromium, Total	29.3		mg/kg	0.979	0.830	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.78		mg/kg	1.96	0.243	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Copper, Total	93.8		mg/kg	0.979	0.222	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Iron, Total	29700		mg/kg	4.89	1.03	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Lead, Total	745		mg/kg	4.89	0.233	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Magnesium, Total	1600		mg/kg	9.79	1.60	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Manganese, Total	185		mg/kg	0.979	0.524	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Mercury, Total	0.915		mg/kg	0.090	0.059	1	07/10/25 17:40	07/11/25 10:58	EPA 7471B	1,7471B	JWN
Nickel, Total	40.3		mg/kg	2.45	0.791	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Potassium, Total	352		mg/kg	245	49.6	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Selenium, Total	0.979	J	mg/kg	1.96	0.322	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Silver, Total	0.294	J	mg/kg	0.489	0.292	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	196	104.	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.96	0.883	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.8		mg/kg	0.979	0.148	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC
Zinc, Total	898		mg/kg	4.89	0.593	2	07/10/25 16:18	07/10/25 22:26	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3780		mg/kg	10.4	3.38	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	5.20	4.00	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Arsenic, Total	13.9		mg/kg	1.04	0.449	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Barium, Total	88.4		mg/kg	1.04	0.110	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.217	J	mg/kg	0.520	0.057	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.332	J	mg/kg	1.04	0.057	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Calcium, Total	4770		mg/kg	10.4	5.89	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Chromium, Total	11.9		mg/kg	1.04	0.881	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.63		mg/kg	2.08	0.258	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Copper, Total	93.9		mg/kg	1.04	0.236	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Iron, Total	23100		mg/kg	5.20	1.09	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Lead, Total	3700		mg/kg	5.20	0.247	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Magnesium, Total	1610		mg/kg	10.4	1.69	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Manganese, Total	196		mg/kg	1.04	0.557	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Mercury, Total	7.47		mg/kg	0.946	0.617	10	07/10/25 17:40	07/11/25 11:31	EPA 7471B	1,7471B	JWN
Nickel, Total	18.0		mg/kg	2.60	0.840	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Potassium, Total	671		mg/kg	260	52.7	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Selenium, Total	2.78		mg/kg	2.08	0.342	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Silver, Total	0.497	J	mg/kg	0.520	0.310	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Sodium, Total	286		mg/kg	208	110.	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.08	0.937	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.7		mg/kg	1.04	0.157	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC
Zinc, Total	242		mg/kg	5.20	0.630	2	07/10/25 16:18	07/10/25 22:29	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-14
Client ID: FIELD BLANK
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/01/25 13:00
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Barium, Total	0.00020	J	mg/l	0.00050	0.00017	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/09/25 13:19	07/09/25 18:27	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Sodium, Total	0.0718	J	mg/l	0.500	0.0293	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/09/25 12:40	07/11/25 11:13	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14 Batch: WG2088542-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Calcium, Total	0.0489	J	mg/l	0.100	0.0394	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Sodium, Total	ND		mg/l	0.500	0.0293	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/09/25 12:40	07/11/25 10:52	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14 Batch: WG2088545-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/09/25 13:19	07/09/25 17:41	1,7470A	CME

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG2089090-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/10/25 17:40	07/11/25 09:59	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG2089197-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	1.54	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.173	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	2.27	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.099	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Iron, Total	0.946	J	mg/kg	2.00	0.420	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.652	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	20.3	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.119	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	42.4	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.361	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.060	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC
Zinc, Total	ND	mg/kg	2.00	0.242	1	07/10/25 16:18	07/10/25 21:25	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG2088542-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Barium, Total	108		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	111		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	109		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG2088542-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG2088545-2					
Mercury, Total	90	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG2089090-2					
Mercury, Total	92	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG2089197-2					
Aluminum, Total	115	-	80-120	-	
Antimony, Total	114	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	114	-	80-120	-	
Beryllium, Total	114	-	80-120	-	
Cadmium, Total	111	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	115	-	80-120	-	
Cobalt, Total	112	-	80-120	-	
Copper, Total	118	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	110	-	80-120	-	
Nickel, Total	114	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	116	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	118	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG2089197-2					
Zinc, Total	112	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG2088542-3 QC Sample: L2540448-02 Client ID: MS Sample												
Aluminum, Total	0.080	2	2.29	110		-	-		75-125	-		20
Antimony, Total	0.0007J	0.5	0.5126	102		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1278	106		-	-		75-125	-		20
Barium, Total	0.1694	2	2.270	105		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05025	100		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05529	104		-	-		75-125	-		20
Calcium, Total	51.8	10	59.4	76		-	-		75-125	-		20
Chromium, Total	0.00034J	0.2	0.2037	102		-	-		75-125	-		20
Cobalt, Total	0.0007	0.5	0.5103	102		-	-		75-125	-		20
Copper, Total	0.0085	0.25	0.2733	106		-	-		75-125	-		20
Iron, Total	0.037J	1	0.985	98		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5309	100		-	-		75-125	-		20
Magnesium, Total	10.6	10	19.9	93		-	-		75-125	-		20
Manganese, Total	0.1059	0.5	0.5961	98		-	-		75-125	-		20
Nickel, Total	0.0044	0.5	0.5226	104		-	-		75-125	-		20
Potassium, Total	7.94	10	18.5	106		-	-		75-125	-		20
Selenium, Total	0.0202	0.12	0.144	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05155	103		-	-		75-125	-		20
Sodium, Total	572	10	539	**0**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1192	99		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5311	106		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG2088542-3 QC Sample: L2540448-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5214	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG2088545-3 QC Sample: L2540448-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00441	88	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089090-3 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)									
Mercury, Total	0.968	1.77	2.47	85	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-3 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)										
Aluminum, Total	5490	167	6030	**323**	Q	-	-	75-125	-	20
Antimony, Total	6.98	41.8	17.0	**24**	Q	-	-	75-125	-	20
Arsenic, Total	7.70	10	14.5	**68**	Q	-	-	75-125	-	20
Barium, Total	434	167	910	**284**	Q	-	-	75-125	-	20
Beryllium, Total	0.349J	4.18	4.09	98		-	-	75-125	-	20
Cadmium, Total	0.428J	4.44	4.22	95		-	-	75-125	-	20
Calcium, Total	10000	837	12400	**287**	Q	-	-	75-125	-	20
Chromium, Total	14.2	16.7	27.3	78		-	-	75-125	-	20
Cobalt, Total	5.15	41.8	41.0	86		-	-	75-125	-	20
Copper, Total	41.0	20.9	55.7	**70**	Q	-	-	75-125	-	20
Iron, Total	10200	83.7	9560	**0**	Q	-	-	75-125	-	20
Lead, Total	1100	44.4	754	**0**	Q	-	-	75-125	-	20
Magnesium, Total	4190	837	5590	**167**	Q	-	-	75-125	-	20
Manganese, Total	224	41.8	277	**127**	Q	-	-	75-125	-	20
Nickel, Total	18.3	41.8	55.0	88		-	-	75-125	-	20
Potassium, Total	718	837	1720	120		-	-	75-125	-	20
Selenium, Total	ND	10	8.69	86		-	-	75-125	-	20
Silver, Total	0.276J	4.18	4.15	99		-	-	75-125	-	20
Sodium, Total	ND	837	940	112		-	-	75-125	-	20
Thallium, Total	ND	10	9.86	98		-	-	75-125	-	20
Vanadium, Total	16.9	41.8	54.3	89		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-3 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)										
Zinc, Total	651	41.8	824	**413**	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG2088542-4 QC Sample: L2540448-02 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.1694	0.1726	mg/l	2		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00034J	0.00033J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Selenium, Total	0.0202	0.0209	mg/l	3		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG2088545-4 QC Sample: L2540448-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089090-4 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Mercury, Total	0.968	1.05	mg/kg	8		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-4 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Aluminum, Total	5490	5920	mg/kg	8		20
Antimony, Total	6.98	ND	mg/kg	NC		20
Arsenic, Total	7.70	8.18	mg/kg	6		20
Beryllium, Total	0.349J	0.356J	mg/kg	NC		20
Cadmium, Total	0.428J	0.801J	mg/kg	NC		20
Calcium, Total	10000	14600	mg/kg	**37**	Q	20
Chromium, Total	14.2	15.1	mg/kg	6		20
Cobalt, Total	5.15	5.17	mg/kg	0		20
Copper, Total	41.0	42.0	mg/kg	2		20
Iron, Total	10200	10900	mg/kg	7		20
Lead, Total	1100	928	mg/kg	17		20
Magnesium, Total	4190	5550	mg/kg	**28**	Q	20
Manganese, Total	224	235	mg/kg	5		20
Nickel, Total	18.3	20.2	mg/kg	10		20
Potassium, Total	718	743	mg/kg	3		20
Selenium, Total	ND	0.579J	mg/kg	NC		20
Silver, Total	0.276J	0.287J	mg/kg	NC		20
Sodium, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2541375

Report Date: 07/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-4 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Vanadium, Total	16.9	16.9	mg/kg	0		20
Zinc, Total	651	1030	mg/kg	**45**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-4 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Barium, Total	434	574	mg/kg	**28**	Q	20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2541375
Report Date: 07/14/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-6 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Aluminum, Total	5490	5260	mg/kg	4		20
Calcium, Total	10000	9940	mg/kg	1		20
Copper, Total	41.0	39.2	mg/kg	4		20
Iron, Total	10200	10400	mg/kg	2		20
Lead, Total	1100	1030	mg/kg	6		20
Magnesium, Total	4190	4200	mg/kg	0		20
Manganese, Total	224	224	mg/kg	0		20
Zinc, Total	651	675	mg/kg	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG2089197-6 QC Sample: L2541375-01 Client ID: 25SB-11 (0-2)						
Barium, Total	434	448	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-11
Client ID: 25SB-9 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 13:35
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-12
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

SAMPLE RESULTS

Lab ID: L2541375-13
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.0		%	0.100	NA	1	-	07/07/25 11:22	121,2540G	RJF

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2541375

Report Date: 07/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG2087538-1 QC Sample: L2541387-06 Client ID: DUP Sample						
Solids, Total	83.2	81.7	%	2		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-01B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-01C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-01E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-01F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2541375-01G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-01H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-01J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-02B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-02C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-02E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-02F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2541375-02G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-02H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-02J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-03B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-03C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-03E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-03F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2541375-03G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-03H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-03J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-04B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-04C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-04E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-04F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2541375-04G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-04H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-04J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-05B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-05C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-05E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-05F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2541375-05G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-05H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-05J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-06B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-06C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-06D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-06E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-06F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2541375-06G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-06H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-06J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-07B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-07C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-07D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-07E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-07F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2541375-07G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-07H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-07J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-08B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-08C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-08D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-08E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-08F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2541375-08G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-08H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-08J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-09A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-09B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-09C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-09D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-09E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-09F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541375-09G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-09H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-09J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-10A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-10B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-10C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-10D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-10E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-10F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2541375-10G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-10H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-10J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-11A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-11B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-11C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-11D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-11E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-11F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541375-11G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-11H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-11J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-12A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-12B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-12C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-12D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-12E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-12F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2541375-12G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-12H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-12J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-13A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-13B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-13C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-13D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541375-13E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2541375-13F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2541375-13G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-13H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541375-13J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541375-14A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2541375-14B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2541375-14C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2541375-14D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2541375-14E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541375-14F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2541375-14G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2541375-14H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2541375-14J	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2541375-14K	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2541375-14L	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2541375-14M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2541375-14N	Amber 1L unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2541375-14O	Plastic 120ml unpreserved split	NA	NA			Y	Absent		ARCHIVE()
L2541375-14X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		ARCHIVE()
L2541375-15A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541375-15B	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)
L2541375-15C	Vial water preserved	NA	NA			Y	Absent	02-JUL-25 17:05	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541375
Report Date: 07/14/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2541375
Project Number:	25030019	**Report Date:**	07/14/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541375
Report Date: 07/14/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 07/02/25

Pace Job #: 254375

Client Information

Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information

Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 25030019
(Use Project name as Project #) ☐
Project Manager: EZGI KARAYEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs. CLOSE SDG

Please specify Metals or TAL. TAL METAL + MERCURY

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #: 25030019

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCBs	TAL METALS + Hg	1,4-DIOXANE	PFOA	Total Bottle
25413 5-01	25SB-11 (0-2)	7/1/2025	0910	SOIL	BN	X	X	X	X	X	X	X	
-02	25SB-11 (11-12)		0915			X	X	X	X	X	X	X	
-03	25SB-14 (0-2)		1030			X	X	X	X	X	X	X	
-04	25SB-14 (7-9)		1040			X	X	X	X	X	X	X	
-05	25SB-14 (11-12)		1105			X	X	X	X	X	X	X	
-06	25SB-13 (0-2)		1135			X	X	X	X	X	X	X	
-07	25SB-13 (11-12)		1150			X	X	X	X	X	X	X	
-08	25SB-12 (0-2)		1250			X	X	X	X	X	X	X	
-09	25SB-12 (11-12)		1255			X	X	X	X	X	X	X	

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/1/25 1650		7/1/25 14:30
WAD	7/1/25 18:50	Anthony Green	JUL 01 2025 2030
Anthony Green	7/2-0235		7/2-0900
			7/2/25 0235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 07/02/25

Pace Job #: L254375

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAEL/VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #: 25030019

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs

Please specify Metals or TAL. TAL METAL + MERCURY

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCBs	TAL METALS + HG	1,4-DIOXANE	PFOA	Total Bottle	Sample Specific Comments
L254375-10	25SB-6 (0-2)	7/1/25	1330	So.1	BN	1	1	1	1	1	1	1		
-11	25SB-6 (11-12)		1335			1	1	1	1	1	1	1		
-12	25SB-10 (0-2)		1215			1	1	1	1	1	1	1		
-13	25SB-10 (11-12)		1220			1	1	1	1	1	1	1		
-14	Field Blank		1300			1	1	1	1	1	1	1		don't include 1,4-dioxane
-15	Trip Blank		1300			1								

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/1/25 1630		7/1/25 1630
	7/1/25 1850	Anthony Green	JUL 01 2025 2030
Anthony Green	7/2/25 0235		7/2/25 0235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2541375

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 01-JUL-2025
Reviewer :

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.6	
B	Absent/	Ice	2.9	
C	Absent/	Ice	3.2	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2541710
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/15/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2541710-01	25SB-1 (0-2)	SOIL	BKLYN, NY	07/02/25 11:10	07/02/25
L2541710-02	25SB-1 (9-11)	SOIL	BKLYN, NY	07/02/25 11:40	07/02/25
L2541710-03	25SB-1 (12-13)	SOIL	BKLYN, NY	07/02/25 11:20	07/02/25
L2541710-04	25SB-2 (0-2)	SOIL	BKLYN, NY	07/02/25 10:00	07/02/25
L2541710-05	25SB-2 (12-13)	SOIL	BKLYN, NY	07/02/25 10:25	07/02/25
L2541710-06	25SB-3 (0-2)	SOIL	BKLYN, NY	07/02/25 08:50	07/02/25
L2541710-07	25SB-3 (12-13)	SOIL	BKLYN, NY	07/02/25 09:00	07/02/25
L2541710-08	25SB-4 (0-2)	SOIL	BKLYN, NY	07/02/25 09:30	07/02/25
L2541710-09	25SB-4 (7-9)	SOIL	BKLYN, NY	07/02/25 09:40	07/02/25
L2541710-10	25SB-4 (12-13)	SOIL	BKLYN, NY	07/02/25 09:50	07/02/25
L2541710-11	25SB-5 (0-2)	SOIL	BKLYN, NY	07/02/25 08:15	07/02/25
L2541710-12	25SB-5 (11-12)	SOIL	BKLYN, NY	07/02/25 08:20	07/02/25
L2541710-13	25SB-6 (0-2)	SOIL	BKLYN, NY	07/02/25 12:10	07/02/25
L2541710-14	25SB-6 (7-9)	SOIL	BKLYN, NY	07/02/25 12:25	07/02/25
L2541710-15	25SB-6 (11-12)	SOIL	BKLYN, NY	07/02/25 12:20	07/02/25
L2541710-16	TRIP BLANK	SOIL	BKLYN, NY	07/02/25 00:00	07/02/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2541710-09: The sample identified as "25SB-4 (4-7)" on the chain of custody was identified as "25SB-4 (7-9)" on the container label. At the client's request, the sample is reported as "25SB-4 (7-9)".

L2541710-14: The collection date and time on the chain of custody was 02-JUL-25 12:15; however, the collection date/time on the container label was 02-JUL-25 12:25. At the client's request, the collection date/time is reported as 02-JUL-25 12:25.

Volatile Organics

L2541710-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (151%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2541710-13: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (132%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2541710-15: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (144%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2541710-15: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L2541710-04D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%) and 2,4,6-

Project Name: 601-607 UNION ST **Lab Number:** L2541710
Project Number: 25030019 **Report Date:** 07/15/25

Case Narrative (continued)

tribromophenol (0%). The results of both extractions are reported.
L2541710-08RE\D and -04D\RE: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2541710-08: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (21%) and 2,4,6-tribromophenol (2%); however, re-extraction achieved similar results: 2-fluorophenol (8%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.
L2541710-14D: The sample has elevated detection limits due to the dilution required by the sample matrix.
The WG2087146-4/-5 MS/MSD recoveries performed on L2541710-11 are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.
The WG2087146-4/-5 MS/MSD recovery performed on L2541710-11 is below the acceptance criteria for pentachlorophenol (8%/8%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by 1633
L2541710-01RE and -13RE: The sample was re-extracted at lesser volume due to EIS failure in the original extraction. The results of the re-extraction are reported for the associated target compounds.
L2541710-01: The Extracted Internal Standard recoveries were below the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (32%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (29%); however, the associated target analytes are not reported from this analysis.
L2541710-08: The Extracted Internal Standard recoveries were above the acceptance criteria for 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (133%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2541710-10: The Extracted Internal Standard recoveries were above the acceptance criteria for 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (143%) and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (144%). Since the sample was non-detect to the RL for all

Case Narrative (continued)

associated target analytes, re-analysis was not required.

L2541710-13: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (222%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (407%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (210%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (154%); however, any associated target analytes detected above the RL are not reported from this analysis.

L2541710-13D and -14D: The sample was re-analyzed on dilution due to EIS failure in the original analysis. The results of the re-analysis are reported for the associated target compounds.

L2541710-13D: The Extracted Internal Standard recoveries were outside the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (146%); however, these recoveries do not apply to the abbreviated list of target analytes reported.

L2541710-14: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (155%); however, any associated target analytes detected above the RL are not reported from this analysis.

L2541710-15: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (160%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

WG2088547-1: The Extracted Internal Standard recoveries were above the acceptance criteria for 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (133%). Since the blank was non-detect to the RL for all associated target analytes, re-analysis was not required.

The Extracted Internal Standard recovery for the WG2088547-3 LCS associated with L2541710-06, -07, -08, -09, -10, -11, -12, -14D, -14, and -15 is outside the acceptance criteria for 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (136%) and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (138%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

WG2089397-2R2: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Case Narrative (continued)

Pesticides

L2541710-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (235%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene (524%) due to interference with the Internal Standard.

L2541710-05D and -10D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2541710-07: The internal standard (IS) response for 1-bromo-2-nitrobenzene (331%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for and decachlorobiphenyl (29%) due to interference with the Internal Standard.

L2541710-12: The internal standard (IS) response for 1-bromo-2-nitrobenzene (265%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

L2541710-13: The internal standard (IS) response for 1-bromo-2-nitrobenzene (742%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for decachlorobiphenyl (12%) due to interference with the Internal Standard.

L2541710-14D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2541710-14D: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1385%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for decachlorobiphenyl (7%) due to interference with the Internal Standard.

L2541710-15: The internal standard (IS) response for 1-bromo-2-nitrobenzene (630%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for and decachlorobiphenyl (9%) due to interference with the Internal Standard.

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

Case Narrative (continued)

Total Metals

L2541710-01, -04, -05, -06, -07, -08, -11, -12, -13, and -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2541710-02, -03, -09, -10 and -15: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

The WG2089636-3/-4 MS/MSD recoveries performed on L2541710-11 do not apply for aluminum (177%/180%) and iron (0%/0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2089636-3/-4 MS/MSD recoveries performed on L2541710-11 are outside the acceptance criteria for antimony (65%/73%), lead (MS 134%) and manganese (MSD 70%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/15/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 15:50
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
Methyl cyclohexane	ND		ug/kg	5.5	0.82	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	114		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 21:42
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.31	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.3	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	1.2	J	ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.4	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	1.9	J	ug/kg	3.1	0.88	1
o-Xylene	0.82	J	ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	68		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	13	J	ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Isopropylbenzene	1.0	J	ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.43	1
Methyl Acetate	ND		ug/kg	6.3	1.5	1
Cyclohexane	ND		ug/kg	16	0.85	1
1,4-Dioxane	ND		ug/kg	120	55.	1
Freon-113	ND		ug/kg	6.3	1.1	1
Methyl cyclohexane	ND		ug/kg	6.3	0.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	83		70-130
4-Bromofluorobenzene	**151**	Q	70-130
Dibromofluoromethane	117		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/15/25 12:40
Analyst: AJK
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.21	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	ND		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.27	1
Benzene	ND		ug/kg	0.83	0.27	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	8.0	1
Carbon disulfide	ND		ug/kg	16	7.5	1
2-Butanone	ND		ug/kg	16	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
2-Hexanone	ND		ug/kg	16	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
Methyl Acetate	ND		ug/kg	6.6	1.6	1
Cyclohexane	ND		ug/kg	16	0.90	1
1,4-Dioxane	ND		ug/kg	130	58.	1
Freon-113	ND		ug/kg	6.6	1.1	1
Methyl cyclohexane	ND		ug/kg	6.6	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	89		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 16:17
Analyst: JIC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	0.25	J	ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	0.56	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	0.66	J	ug/kg	2.3	0.64	1
o-Xylene	0.58	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	0.33	J	ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	43		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	12		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	0.16	J	ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	114		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 16:44
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	25		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 17:11
Analyst: JIC
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.1	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.32	1
Chloroform	ND		ug/kg	3.3	0.31	1
Carbon tetrachloride	ND		ug/kg	2.2	0.51	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.28	1
Dibromochloromethane	ND		ug/kg	2.2	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.59	1
Tetrachloroethene	ND		ug/kg	1.1	0.44	1
Chlorobenzene	ND		ug/kg	1.1	0.28	1
Trichlorofluoromethane	ND		ug/kg	8.9	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.57	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.37	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.61	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.35	1
Bromoform	ND		ug/kg	8.9	0.55	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.37	1
Benzene	ND		ug/kg	1.1	0.37	1
Toluene	ND		ug/kg	2.2	1.2	1
Ethylbenzene	ND		ug/kg	2.2	0.31	1
Chloromethane	ND		ug/kg	8.9	2.1	1
Bromomethane	ND		ug/kg	4.4	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.74	1
Chloroethane	ND		ug/kg	4.4	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	0.30	1
Trichloroethene	ND		ug/kg	1.1	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.32	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.4	0.45	1
p/m-Xylene	ND		ug/kg	4.4	1.2	1
o-Xylene	ND		ug/kg	2.2	0.65	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.39	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	22	2.0	1
Acetone	64		ug/kg	22	11.	1
Carbon disulfide	ND		ug/kg	22	10.	1
2-Butanone	10	J	ug/kg	22	4.9	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.8	1
2-Hexanone	ND		ug/kg	22	2.6	1
Bromochloromethane	ND		ug/kg	4.4	0.46	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.62	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	2.2	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.72	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.60	1
Methyl Acetate	ND		ug/kg	8.9	2.1	1
Cyclohexane	ND		ug/kg	22	1.2	1
1,4-Dioxane	ND		ug/kg	180	78.	1
Freon-113	ND		ug/kg	8.9	1.5	1
Methyl cyclohexane	ND		ug/kg	8.9	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	114		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 17:38
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.92	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	130		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	30		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
Methyl Acetate	ND		ug/kg	6.8	1.6	1
Cyclohexane	ND		ug/kg	17	0.92	1
1,4-Dioxane	ND		ug/kg	140	59.	1
Freon-113	ND		ug/kg	6.8	1.2	1
Methyl cyclohexane	ND		ug/kg	6.8	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 18:05
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Cyclohexane	ND		ug/kg	14	0.77	1
1,4-Dioxane	ND		ug/kg	110	50.	1
Freon-113	ND		ug/kg	5.7	0.98	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	115		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 18:32
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	43.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	ND		ug/kg	4.8	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	116		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 18:59
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	24		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	4.2	J	ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	99	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	116		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 19:26
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.8	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.30	1
Chloroform	ND		ug/kg	3.1	0.29	1
Carbon tetrachloride	ND		ug/kg	2.1	0.48	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.26	1
Dibromochloromethane	ND		ug/kg	2.1	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.55	1
Tetrachloroethene	ND		ug/kg	1.0	0.41	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
Trichlorofluoromethane	ND		ug/kg	8.3	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.53	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35	1
Bromodichloromethane	ND		ug/kg	1.0	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.57	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.33	1
Bromoform	ND		ug/kg	8.3	0.51	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.34	1
Toluene	ND		ug/kg	2.1	1.1	1
Ethylbenzene	ND		ug/kg	2.1	0.29	1
Chloromethane	ND		ug/kg	8.3	1.9	1
Bromomethane	ND		ug/kg	4.1	1.2	1
Vinyl chloride	ND		ug/kg	2.1	0.70	1
Chloroethane	ND		ug/kg	4.1	0.94	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	0.28	1
Trichloroethene	ND		ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.1	0.30	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.1	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	4.1	0.35	1
Methyl tert butyl ether	ND		ug/kg	4.1	0.42	1
p/m-Xylene	ND		ug/kg	4.1	1.2	1
o-Xylene	ND		ug/kg	2.1	0.60	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.36	1
Styrene	ND		ug/kg	2.1	0.41	1
Dichlorodifluoromethane	ND		ug/kg	21	1.9	1
Acetone	ND		ug/kg	21	10.	1
Carbon disulfide	ND		ug/kg	21	9.4	1
2-Butanone	ND		ug/kg	21	4.6	1
4-Methyl-2-pentanone	ND		ug/kg	21	2.6	1
2-Hexanone	ND		ug/kg	21	2.4	1
Bromochloromethane	ND		ug/kg	4.1	0.42	1
1,2-Dibromoethane	ND		ug/kg	2.1	0.58	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	2.1	1
Isopropylbenzene	ND		ug/kg	2.1	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.1	0.67	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.1	0.56	1
Methyl Acetate	ND		ug/kg	8.3	2.0	1
Cyclohexane	ND		ug/kg	21	1.1	1
1,4-Dioxane	ND		ug/kg	160	73.	1
Freon-113	ND		ug/kg	8.3	1.4	1
Methyl cyclohexane	ND		ug/kg	8.3	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	118		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 19:54
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	0.80		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	13		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	2.5	J	ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.92	1
Cyclohexane	ND		ug/kg	9.6	0.52	1
1,4-Dioxane	ND		ug/kg	77	34.	1
Freon-113	ND		ug/kg	3.8	0.67	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	116		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/15/25 12:14
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.5	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	0.48	J	ug/kg	0.85	0.33	1
Chlorobenzene	ND		ug/kg	0.85	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.28	1
Bromodichloromethane	ND		ug/kg	0.85	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.28	1
Benzene	1.9		ug/kg	0.85	0.28	1
Toluene	19		ug/kg	1.7	0.92	1
Ethylbenzene	11		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.99	1
Vinyl chloride	1.2	J	ug/kg	1.7	0.57	1
Chloroethane	ND		ug/kg	3.4	0.77	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	0.46	J	ug/kg	2.6	0.23	1
Trichloroethene	1.2		ug/kg	0.85	0.23	1
1,2-Dichlorobenzene	0.49	J	ug/kg	3.4	0.24	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	0.61	J	ug/kg	3.4	0.34	1
p/m-Xylene	1.9	J	ug/kg	3.4	0.95	1
o-Xylene	1.8		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	1.0	J	ug/kg	1.7	0.30	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	140		ug/kg	17	8.2	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	49		ug/kg	17	3.8	1
4-Methyl-2-pentanone	6.8	J	ug/kg	17	2.2	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Isopropylbenzene	11		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
Methyl Acetate	9.5		ug/kg	6.8	1.6	1
Cyclohexane	2.6	J	ug/kg	17	0.93	1
1,4-Dioxane	ND		ug/kg	140	60.	1
Freon-113	ND		ug/kg	6.8	1.2	1
Methyl cyclohexane	19		ug/kg	6.8	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	**132**	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 20:21
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	0.28	J	ug/kg	2.0	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	0.20	J	ug/kg	2.0	0.17	1
Methyl tert butyl ether	0.45	J	ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	59		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	12		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	2.0		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	84		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	117		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 22:36
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	55	8.0	1
Chloroform	ND		ug/kg	83	7.7	1
Carbon tetrachloride	ND		ug/kg	55	13.	1
1,2-Dichloropropane	ND		ug/kg	55	6.9	1
Dibromochloromethane	ND		ug/kg	55	7.7	1
1,1,2-Trichloroethane	ND		ug/kg	55	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.0	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	55	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.2	1
Bromodichloromethane	ND		ug/kg	28	6.0	1
trans-1,3-Dichloropropene	ND		ug/kg	55	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.7	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	28		ug/kg	28	9.2	1
Toluene	ND		ug/kg	55	30.	1
Ethylbenzene	61		ug/kg	55	7.8	1
Chloromethane	ND		ug/kg	220	51.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	55	18.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	55	13.	1
trans-1,2-Dichloroethene	10	J	ug/kg	83	7.6	1
Trichloroethene	ND		ug/kg	28	7.6	1
1,2-Dichlorobenzene	23	J	ug/kg	110	8.0	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	100	J	ug/kg	110	9.4	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	200		ug/kg	110	31.	1
o-Xylene	26	J	ug/kg	55	16.	1
cis-1,2-Dichloroethene	84		ug/kg	55	9.7	1
Styrene	ND		ug/kg	55	11.	1
Dichlorodifluoromethane	ND		ug/kg	550	50.	1
Acetone	270	J	ug/kg	550	260	1
Carbon disulfide	ND		ug/kg	550	250	1
2-Butanone	280	J	ug/kg	550	120	1
4-Methyl-2-pentanone	ND		ug/kg	550	71.	1
2-Hexanone	ND		ug/kg	550	65.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	55	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	55.	1
Isopropylbenzene	670		ug/kg	55	6.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
Methyl Acetate	130	J	ug/kg	220	52.	1
Cyclohexane	50	J	ug/kg	550	30.	1
1,4-Dioxane	ND		ug/kg	4400	1900	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	460		ug/kg	220	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	**144**	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-16
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/02/25 00:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/14/25 20:48
Analyst: JIC
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-16
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/02/25 00:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	115		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-16
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/02/25 00:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/15/25 10:56
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	12.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.4	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.4	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	47.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-16
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/02/25 00:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.6	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Isopropylbenzene	ND		ug/kg	50	5.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	ND		ug/kg	200	48.	1
Cyclohexane	ND		ug/kg	500	27.	1
1,4-Dioxane	ND		ug/kg	4000	1800	1
Freon-113	ND		ug/kg	200	35.	1
Methyl cyclohexane	ND		ug/kg	200	30.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	90		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-12,14,16 Batch: WG2090855-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.66	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-12,14,16 Batch: WG2090855-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-12,14,16 Batch: WG2090855-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 15 Batch: WG2090856-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	33	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 15 Batch: WG2090856-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/25 13:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 15 Batch: WG2090856-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,13 Batch: WG2090945-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,13 Batch: WG2090945-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,13 Batch: WG2090945-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	90		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 16 Batch: WG2090947-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 16 Batch: WG2090947-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/15/25 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 16 Batch: WG2090947-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-12,14,16 Batch: WG2090855-3 WG2090855-4								
Methylene chloride	112		112		70-130	0		30
1,1-Dichloroethane	116		118		70-130	2		30
Chloroform	112		113		70-130	1		30
Carbon tetrachloride	125		126		70-130	1		30
1,2-Dichloropropane	112		115		70-130	3		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	93		94		70-130	1		30
Trichlorofluoromethane	135		138		70-139	2		30
1,2-Dichloroethane	114		117		70-130	3		30
1,1,1-Trichloroethane	126		127		70-130	1		30
Bromodichloromethane	115		117		70-130	2		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	122		124		70-130	2		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	81		83		70-130	2		30
Benzene	118		120		70-130	2		30
Toluene	88		89		70-130	1		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	112		110		52-130	2		30
Bromomethane	117		118		57-147	1		30
Vinyl chloride	126		125		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-12,14,16 Batch: WG2090855-3 WG2090855-4								
Chloroethane	127		128		50-151	1		30
1,1-Dichloroethene	122		123		65-135	1		30
trans-1,2-Dichloroethene	117		116		70-130	1		30
Trichloroethene	122		123		70-130	1		30
1,2-Dichlorobenzene	87		90		70-130	3		30
1,3-Dichlorobenzene	88		90		70-130	2		30
1,4-Dichlorobenzene	87		89		70-130	2		30
Methyl tert butyl ether	108		110		66-130	2		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	112		113		70-130	1		30
Styrene	99		100		70-130	1		30
Dichlorodifluoromethane	107		108		30-146	1		30
Acetone	92		88		54-140	4		30
Carbon disulfide	121		120		59-130	1		30
2-Butanone	96		100		70-130	4		30
4-Methyl-2-pentanone	87		90		70-130	3		30
2-Hexanone	72		75		70-130	4		30
Bromochloromethane	111		112		70-130	1		30
1,2-Dibromoethane	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	78		81		68-130	4		30
Isopropylbenzene	90		92		70-130	2		30
1,2,3-Trichlorobenzene	88		90		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-12,14,16 Batch: WG2090855-3 WG2090855-4								
1,2,4-Trichlorobenzene	90		90		70-130	0		30
Methyl Acetate	96		98		51-146	2		30
Cyclohexane	128		130		59-142	2		30
1,4-Dioxane	106		114		65-136	7		30
Freon-113	135		137		50-139	1		30
Methyl cyclohexane	129		**131**	Q	70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	89		90		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 15 Batch: WG2090856-3 WG2090856-4								
Methylene chloride	112		112		70-130	0		30
1,1-Dichloroethane	116		118		70-130	2		30
Chloroform	112		113		70-130	1		30
Carbon tetrachloride	125		126		70-130	1		30
1,2-Dichloropropane	112		115		70-130	3		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	93		94		70-130	1		30
Trichlorofluoromethane	135		138		70-139	2		30
1,2-Dichloroethane	114		117		70-130	3		30
1,1,1-Trichloroethane	126		127		70-130	1		30
Bromodichloromethane	115		117		70-130	2		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	122		124		70-130	2		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	81		83		70-130	2		30
Benzene	118		120		70-130	2		30
Toluene	88		89		70-130	1		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	112		110		52-130	2		30
Bromomethane	117		118		57-147	1		30
Vinyl chloride	126		125		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 15 Batch: WG2090856-3 WG2090856-4								
Chloroethane	127		128		50-151	1		30
1,1-Dichloroethene	122		123		65-135	1		30
trans-1,2-Dichloroethene	117		116		70-130	1		30
Trichloroethene	122		123		70-130	1		30
1,2-Dichlorobenzene	87		90		70-130	3		30
1,3-Dichlorobenzene	88		90		70-130	2		30
1,4-Dichlorobenzene	87		89		70-130	2		30
Methyl tert butyl ether	108		110		66-130	2		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	112		113		70-130	1		30
Styrene	99		100		70-130	1		30
Dichlorodifluoromethane	107		108		30-146	1		30
Acetone	92		88		54-140	4		30
Carbon disulfide	121		120		59-130	1		30
2-Butanone	96		100		70-130	4		30
4-Methyl-2-pentanone	87		90		70-130	3		30
2-Hexanone	72		75		70-130	4		30
Bromochloromethane	111		112		70-130	1		30
1,2-Dibromoethane	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	78		81		68-130	4		30
Isopropylbenzene	90		92		70-130	2		30
1,2,3-Trichlorobenzene	88		90		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 15 Batch: WG2090856-3 WG2090856-4								
1,2,4-Trichlorobenzene	90		90		70-130	0		30
Methyl Acetate	96		98		51-146	2		30
Cyclohexane	128		130		59-142	2		30
1,4-Dioxane	106		114		65-136	7		30
Freon-113	135		137		50-139	1		30
Methyl cyclohexane	129		**131**	Q	70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	89		90		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,13 Batch: WG2090945-3 WG2090945-4								
Methylene chloride	90		84		70-130	7		30
1,1-Dichloroethane	89		82		70-130	8		30
Chloroform	95		87		70-130	9		30
Carbon tetrachloride	98		90		70-130	9		30
1,2-Dichloropropane	86		81		70-130	6		30
Dibromochloromethane	89		85		70-130	5		30
1,1,2-Trichloroethane	88		84		70-130	5		30
Tetrachloroethene	104		95		70-130	9		30
Chlorobenzene	93		86		70-130	8		30
Trichlorofluoromethane	122		110		70-139	10		30
1,2-Dichloroethane	86		83		70-130	4		30
1,1,1-Trichloroethane	101		93		70-130	8		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	89		84		70-130	6		30
cis-1,3-Dichloropropene	94		90		70-130	4		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	80		77		70-130	4		30
Benzene	93		88		70-130	6		30
Toluene	91		83		70-130	9		30
Ethylbenzene	95		87		70-130	9		30
Chloromethane	85		76		52-130	11		30
Bromomethane	120		107		57-147	11		30
Vinyl chloride	90		81		67-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,13 Batch: WG2090945-3 WG2090945-4								
Chloroethane	96		88		50-151	9		30
1,1-Dichloroethene	98		88		65-135	11		30
trans-1,2-Dichloroethene	96		88		70-130	9		30
Trichloroethene	98		90		70-130	9		30
1,2-Dichlorobenzene	90		87		70-130	3		30
1,3-Dichlorobenzene	95		90		70-130	5		30
1,4-Dichlorobenzene	92		87		70-130	6		30
Methyl tert butyl ether	90		86		66-130	5		30
p/m-Xylene	98		89		70-130	10		30
o-Xylene	94		87		70-130	8		30
cis-1,2-Dichloroethene	94		88		70-130	7		30
Styrene	96		90		70-130	6		30
Dichlorodifluoromethane	94		83		30-146	12		30
Acetone	82		79		54-140	4		30
Carbon disulfide	90		81		59-130	11		30
2-Butanone	74		74		70-130	0		30
4-Methyl-2-pentanone	72		71		70-130	1		30
2-Hexanone	**69**	Q	**64**	Q	70-130	8		30
Bromochloromethane	95		92		70-130	3		30
1,2-Dibromoethane	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	76		76		68-130	0		30
Isopropylbenzene	94		87		70-130	8		30
1,2,3-Trichlorobenzene	95		92		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,13 Batch: WG2090945-3 WG2090945-4								
1,2,4-Trichlorobenzene	101		97		70-130	4		30
Methyl Acetate	82		79		51-146	4		30
Cyclohexane	86		78		59-142	10		30
1,4-Dioxane	80		78		65-136	3		30
Freon-113	104		93		50-139	11		30
Methyl cyclohexane	99		90		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		92		70-130
Toluene-d8	92		90		70-130
4-Bromofluorobenzene	89		86		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 16 Batch: WG2090947-3 WG2090947-4								
Methylene chloride	90		84		70-130	7		30
1,1-Dichloroethane	89		82		70-130	8		30
Chloroform	95		87		70-130	9		30
Carbon tetrachloride	98		90		70-130	9		30
1,2-Dichloropropane	86		81		70-130	6		30
Dibromochloromethane	89		85		70-130	5		30
1,1,2-Trichloroethane	88		84		70-130	5		30
Tetrachloroethene	104		95		70-130	9		30
Chlorobenzene	93		86		70-130	8		30
Trichlorofluoromethane	122		110		70-139	10		30
1,2-Dichloroethane	86		83		70-130	4		30
1,1,1-Trichloroethane	101		93		70-130	8		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	89		84		70-130	6		30
cis-1,3-Dichloropropene	94		90		70-130	4		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	80		77		70-130	4		30
Benzene	93		88		70-130	6		30
Toluene	91		83		70-130	9		30
Ethylbenzene	95		87		70-130	9		30
Chloromethane	85		76		52-130	11		30
Bromomethane	120		107		57-147	11		30
Vinyl chloride	90		81		67-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 16 Batch: WG2090947-3 WG2090947-4								
Chloroethane	96		88		50-151	9		30
1,1-Dichloroethene	98		88		65-135	11		30
trans-1,2-Dichloroethene	96		88		70-130	9		30
Trichloroethene	98		90		70-130	9		30
1,2-Dichlorobenzene	90		87		70-130	3		30
1,3-Dichlorobenzene	95		90		70-130	5		30
1,4-Dichlorobenzene	92		87		70-130	6		30
Methyl tert butyl ether	90		86		66-130	5		30
p/m-Xylene	98		89		70-130	10		30
o-Xylene	94		87		70-130	8		30
cis-1,2-Dichloroethene	94		88		70-130	7		30
Styrene	96		90		70-130	6		30
Dichlorodifluoromethane	94		83		30-146	12		30
Acetone	82		79		54-140	4		30
Carbon disulfide	90		81		59-130	11		30
2-Butanone	74		74		70-130	0		30
4-Methyl-2-pentanone	72		71		70-130	1		30
2-Hexanone	**69**	Q	**64**	Q	70-130	8		30
Bromochloromethane	95		92		70-130	3		30
1,2-Dibromoethane	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	76		76		68-130	0		30
Isopropylbenzene	94		87		70-130	8		30
1,2,3-Trichlorobenzene	95		92		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 16 Batch: WG2090947-3 WG2090947-4								
1,2,4-Trichlorobenzene	101		97		70-130	4		30
Methyl Acetate	82		79		51-146	4		30
Cyclohexane	86		78		59-142	10		30
1,4-Dioxane	80		78		65-136	3		30
Freon-113	104		93		50-139	11		30
Methyl cyclohexane	99		90		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		92		70-130
Toluene-d8	92		90		70-130
4-Bromofluorobenzene	89		86		70-130
Dibromofluoromethane	95		96		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-12,14,16 QC Batch ID: WG2090855-6 WG2090855-7 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Methylene chloride	ND	140	130	89		130	86		70-130	2		30
1,1-Dichloroethane	ND	140	150	110		160	107		70-130	3		30
Chloroform	ND	140	140	100		150	100		70-130	6		30
Carbon tetrachloride	ND	140	190	**135**	Q	190	130		70-130	2		30
1,2-Dichloropropane	ND	140	140	98		140	95		70-130	2		30
Dibromochloromethane	ND	140	97	**69**	Q	98	**66**	Q	70-130	2		30
1,1,2-Trichloroethane	ND	140	100	71		100	**69**	Q	70-130	2		30
Tetrachloroethene	ND	140	130	90		140	92		70-130	7		30
Chlorobenzene	ND	140	70	**50**	Q	90	**61**	Q	70-130	25		30
Trichlorofluoromethane	ND	140	210	**150**	Q	220	**147**	Q	70-139	3		30
1,2-Dichloroethane	ND	140	130	90		140	96		70-130	11		30
1,1,1-Trichloroethane	ND	140	190	**135**	Q	200	**132**	Q	70-130	3		30
Bromodichloromethane	ND	140	130	96		140	92		70-130	2		30
trans-1,3-Dichloropropene	ND	140	65	**46**	Q	82	**55**	Q	70-130	24		30
cis-1,3-Dichloropropene	ND	140	100	74		120	79		70-130	12		30
Bromoform	ND	140	86	**61**	Q	82	**55**	Q	70-130	5		30
1,1,2,2-Tetrachloroethane	ND	140	93	**66**	Q	83	**56**	Q	70-130	11		30
Benzene	ND	140	140	98		160	104		70-130	12		30
Toluene	ND	140	94	**67**	Q	110	72		70-130	12		30
Ethylbenzene	ND	140	97	**69**	Q	110	71		70-130	8		30
Chloromethane	ND	140	140	100		130	89		52-130	6		30
Bromomethane	ND	140	150	106		140	96		57-147	3		30
Vinyl chloride	ND	140	170	120		170	115		67-130	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-12,14,16 QC Batch ID: WG2090855-6 WG2090855-7 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Chloroethane	ND	140	180	128		180	119		50-151	2		30
1,1-Dichloroethene	ND	140	170	123		190	125		65-135	7		30
trans-1,2-Dichloroethene	ND	140	120	88		140	91		70-130	9		30
Trichloroethene	ND	140	140	96		150	103		70-130	13		30
1,2-Dichlorobenzene	ND	140	43	**30**	Q	53	**36**	Q	70-130	22		30
1,3-Dichlorobenzene	ND	140	42	**30**	Q	55	**37**	Q	70-130	27		30
1,4-Dichlorobenzene	ND	140	37	**26**	Q	52	**35**	Q	70-130	**34**	Q	30
Methyl tert butyl ether	ND	140	150	108		140	97		66-130	5		30
p/m-Xylene	ND	280	190	**67**	Q	210	70		70-130	11		30
o-Xylene	ND	280	190	**67**	Q	200	**67**	Q	70-130	6		30
cis-1,2-Dichloroethene	ND	140	110	81		130	88		70-130	15		30
Styrene	ND	280	120	**44**	Q	170	**56**	Q	70-130	**31**	Q	30
Dichlorodifluoromethane	ND	140	150	110		160	105		30-146	1		30
Acetone	ND	140	130	90		180	119		54-140	**33**	Q	30
Carbon disulfide	ND	140	130	94		140	92		59-130	3		30
2-Butanone	ND	140	140	97		140	95		70-130	4		30
4-Methyl-2-pentanone	ND	140	120	85		120	78		70-130	3		30
2-Hexanone	ND	140	88	**62**	Q	95	**64**	Q	70-130	8		30
Bromochloromethane	ND	140	120	84		130	86		70-130	8		30
1,2-Dibromoethane	ND	140	80	**57**	Q	96	**65**	Q	70-130	19		30
1,2-Dibromo-3-chloropropane	ND	140	77	**55**	Q	73	**49**	Q	68-130	5		30
Isopropylbenzene	ND	140	110	77		100	**69**	Q	70-130	6		30
1,2,3-Trichlorobenzene	ND	140	21	**15**	Q	28	**19**	Q	70-130	**31**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-12,14,16 QC Batch ID: WG2090855-6 WG2090855-7 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
1,2,4-Trichlorobenzene	ND	140	21	**15**	Q	30	**20**	Q	70-130	**37**	Q	30
Methyl Acetate	ND	140	160	113		140	94		51-146	12		30
Cyclohexane	ND	140	190	135		200	137		59-142	7		30
1,4-Dioxane	ND	7010	8800	125		8800	119		65-136	1		30
Freon-113	ND	140	210	**150**	Q	220	**150**	Q	50-139	5		30
Methyl cyclohexane	ND	140	190	**133**	Q	210	**139**	Q	70-130	10		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		116		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	109		107		70-130
Toluene-d8	88		86		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 17:09
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	320		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1600		ug/kg	100	20.	1
Benzo(a)pyrene	1500		ug/kg	140	43.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1600		ug/kg	100	30.	1
Benzo(k)fluoranthene	560		ug/kg	100	28.	1
Chrysene	1600		ug/kg	100	18.	1
Acenaphthylene	330		ug/kg	140	27.	1
Anthracene	900		ug/kg	100	34.	1
Benzo(ghi)perylene	900		ug/kg	140	21.	1
Fluorene	440		ug/kg	180	17.	1
Phenanthrene	3600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	210		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	870		ug/kg	140	24.	1
Pyrene	2800		ug/kg	100	18.	1
Biphenyl	62	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	330		ug/kg	180	17.	1
2-Methylnaphthalene	170	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	29	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	360		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	88	J	ug/kg	230	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	42		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:41
Analyst: AC
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	70		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	63		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	58		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	56		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	57		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	49		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	56		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**32**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**29**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01 RE
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/11/25 12:18
Analyst: AC
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 07/10/25 13:50
Cleanup Method: EPA 1633
Cleanup Date: 07/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	1.08	0.462	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	1.08	0.238	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01 RE
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	62		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	56		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	61		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	63		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	55		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	56		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	46		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	102		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	106		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 17:33
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	650		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1100		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	5700		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	70	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	360		ug/kg	110	21.	1
Benzo(a)pyrene	310		ug/kg	150	46.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	340		ug/kg	110	32.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	360		ug/kg	110	19.	1
Acenaphthylene	89	J	ug/kg	150	29.	1
Anthracene	440		ug/kg	110	36.	1
Benzo(ghi)perylene	190		ug/kg	150	22.	1
Fluorene	650		ug/kg	190	18.	1
Phenanthrene	1600		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	940		ug/kg	110	19.	1
Biphenyl	90	J	ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	450		ug/kg	190	18.	1
2-Methylnaphthalene	1600		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	85	J	ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	210		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	51		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:50
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.050	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	109		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	104		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	114		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	107		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	107		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 17:56
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	1000		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	1100		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	520		ug/kg	120	24.	1
Benzo(a)pyrene	440		ug/kg	170	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	560		ug/kg	120	35.	1
Benzo(k)fluoranthene	180		ug/kg	120	33.	1
Chrysene	510		ug/kg	120	22.	1
Acenaphthylene	80	J	ug/kg	170	32.	1
Anthracene	220		ug/kg	120	41.	1
Benzo(ghi)perylene	290		ug/kg	170	25.	1
Fluorene	200	J	ug/kg	210	20.	1
Phenanthrene	840		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	170	29.	1
Pyrene	910		ug/kg	120	21.	1
Biphenyl	29	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	100	J	ug/kg	210	20.	1
2-Methylnaphthalene	360		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	33	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	660		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	46	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	180	J	ug/kg	280	56.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	46		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 08:59
Analyst: AC
Percent Solids: 78%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.189	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	119		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	104		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	110		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	100		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 09:08
Analyst: AC
Percent Solids: 97%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	111		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D\RE
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/25 17:25
Analyst: IMK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 07/12/25 10:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2800		ug/kg	1400	180	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	450	10
2,4-Dinitrotoluene	ND		ug/kg	1700	340	10
2,6-Dinitrotoluene	ND		ug/kg	1700	290	10
Fluoranthene	20000		ug/kg	1000	190	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	290	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND		ug/kg	4800	1500	10
Hexachloroethane	ND		ug/kg	1400	270	10
Isophorone	ND		ug/kg	1500	220	10
Naphthalene	2500		ug/kg	1700	210	10
Nitrobenzene	ND		ug/kg	1500	250	10
NDPA/DPA	ND		ug/kg	1400	190	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	590	10
Butyl benzyl phthalate	ND		ug/kg	1700	430	10
Di-n-butylphthalate	ND		ug/kg	1700	320	10
Di-n-octylphthalate	ND		ug/kg	1700	580	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	360	10
Benzo(a)anthracene	9800		ug/kg	1000	190	10
Benzo(a)pyrene	12000		ug/kg	1400	410	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D\RE
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	14000		ug/kg	1000	280	10
Benzo(k)fluoranthene	4100		ug/kg	1000	270	10
Chrysene	9500		ug/kg	1000	180	10
Acenaphthylene	5800		ug/kg	1400	260	10
Anthracene	6700		ug/kg	1000	330	10
Benzo(ghi)perylene	14000		ug/kg	1400	200	10
Fluorene	3700		ug/kg	1700	160	10
Phenanthrene	23000		ug/kg	1000	210	10
Dibenzo(a,h)anthracene	1400		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	9200		ug/kg	1400	240	10
Pyrene	21000		ug/kg	1000	170	10
Biphenyl	450	J	ug/kg	3900	220	10
4-Chloroaniline	ND		ug/kg	1700	310	10
2-Nitroaniline	ND		ug/kg	1700	330	10
3-Nitroaniline	ND		ug/kg	1700	320	10
4-Nitroaniline	ND		ug/kg	1700	700	10
Dibenzofuran	2500		ug/kg	1700	160	10
2-Methylnaphthalene	1500	J	ug/kg	2000	200	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	240	J	ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	10
p-Chloro-m-cresol	ND		ug/kg	1700	250	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1500	270	10
2,4-Dimethylphenol	ND		ug/kg	1700	560	10
2-Nitrophenol	ND		ug/kg	3700	640	10
4-Nitrophenol	ND		ug/kg	2400	690	10
2,4-Dinitrophenol	ND		ug/kg	8100	790	10
4,6-Dinitro-o-cresol	ND		ug/kg	4400	810	10
Pentachlorophenol	ND		ug/kg	1400	370	10
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	260	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	260	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	320	10
Carbazole	2100		ug/kg	1700	160	10
Atrazine	ND		ug/kg	1400	590	10
Benzaldehyde	ND		ug/kg	2200	460	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D\RE
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1700	520	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	340	10
1,4-Dioxane	ND		ug/kg	250	78.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	11		10-120
Nitrobenzene-d5	33		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	63		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 23:16
Analyst: JG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7500		ug/kg	1300	170	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	450	10
2,4-Dinitrotoluene	ND		ug/kg	1700	340	10
2,6-Dinitrotoluene	ND		ug/kg	1700	290	10
Fluoranthene	52000		ug/kg	1000	190	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	290	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	10
Hexachlorobutadiene	ND		ug/kg	1700	240	10
Hexachlorocyclopentadiene	ND		ug/kg	4800	1500	10
Hexachloroethane	ND		ug/kg	1300	270	10
Isophorone	ND		ug/kg	1500	220	10
Naphthalene	5600		ug/kg	1700	200	10
Nitrobenzene	ND		ug/kg	1500	250	10
NDPA/DPA	ND		ug/kg	1300	190	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	580	10
Butyl benzyl phthalate	ND		ug/kg	1700	420	10
Di-n-butylphthalate	ND		ug/kg	1700	320	10
Di-n-octylphthalate	ND		ug/kg	1700	570	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	350	10
Benzo(a)anthracene	25000		ug/kg	1000	190	10
Benzo(a)pyrene	25000		ug/kg	1300	410	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	31000		ug/kg	1000	280	10
Benzo(k)fluoranthene	9500		ug/kg	1000	270	10
Chrysene	22000		ug/kg	1000	170	10
Acenaphthylene	10000		ug/kg	1300	260	10
Anthracene	16000		ug/kg	1000	330	10
Benzo(ghi)perylene	25000		ug/kg	1300	200	10
Fluorene	11000		ug/kg	1700	160	10
Phenanthrene	60000		ug/kg	1000	200	10
Dibenzo(a,h)anthracene	3700		ug/kg	1000	190	10
Indeno(1,2,3-cd)pyrene	20000		ug/kg	1300	230	10
Pyrene	50000		ug/kg	1000	170	10
Biphenyl	1200	J	ug/kg	3800	220	10
4-Chloroaniline	ND		ug/kg	1700	300	10
2-Nitroaniline	ND		ug/kg	1700	320	10
3-Nitroaniline	ND		ug/kg	1700	320	10
4-Nitroaniline	ND		ug/kg	1700	690	10
Dibenzofuran	7000		ug/kg	1700	160	10
2-Methylnaphthalene	4300		ug/kg	2000	200	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	240	J	ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	10
p-Chloro-m-cresol	ND		ug/kg	1700	250	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1500	270	10
2,4-Dimethylphenol	ND		ug/kg	1700	550	10
2-Nitrophenol	ND		ug/kg	3600	630	10
4-Nitrophenol	ND		ug/kg	2300	680	10
2,4-Dinitrophenol	ND		ug/kg	8000	780	10
4,6-Dinitro-o-cresol	ND		ug/kg	4400	800	10
Pentachlorophenol	ND		ug/kg	1300	370	10
Phenol	ND		ug/kg	1700	250	10
2-Methylphenol	ND		ug/kg	1700	260	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	260	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	320	10
Carbazole	7000		ug/kg	1700	160	10
Atrazine	ND		ug/kg	1300	590	10
Benzaldehyde	ND		ug/kg	2200	450	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04 D
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1700	510	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	340	10
1,4-Dioxane	ND		ug/kg	250	77.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	20		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	73		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 20:36
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	J	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	250		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	53	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	150		ug/kg	120	22.	1
Benzo(a)pyrene	140	J	ug/kg	160	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	180		ug/kg	120	33.	1
Benzo(k)fluoranthene	67	J	ug/kg	120	32.	1
Chrysene	140		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	44	J	ug/kg	120	39.	1
Benzo(ghi)perylene	260		ug/kg	160	23.	1
Fluorene	22	J	ug/kg	200	19.	1
Phenanthrene	170		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	27	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	160	28.	1
Pyrene	210		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	100	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	19	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	86	J	ug/kg	260	54.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	53		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/09/25 09:17
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	66		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	106		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	122		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 20:57
Analyst: SMZ
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	190	25.	1
Hexachlorobenzene	ND		ug/kg	140	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	32.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	64.	1
2,4-Dinitrotoluene	ND		ug/kg	240	48.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Fluoranthene	1800		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	41.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	220	1
Hexachloroethane	ND		ug/kg	190	39.	1
Isophorone	ND		ug/kg	220	31.	1
Naphthalene	450		ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	220	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	83.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	81.	1
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Benzo(a)anthracene	920		ug/kg	140	27.	1
Benzo(a)pyrene	870		ug/kg	190	58.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1100		ug/kg	140	40.	1
Benzo(k)fluoranthene	390		ug/kg	140	38.	1
Chrysene	940		ug/kg	140	25.	1
Acenaphthylene	150	J	ug/kg	190	37.	1
Anthracene	300		ug/kg	140	47.	1
Benzo(ghi)perylene	400		ug/kg	190	28.	1
Fluorene	140	J	ug/kg	240	23.	1
Phenanthrene	1300		ug/kg	140	29.	1
Dibenzo(a,h)anthracene	80	J	ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	190	33.	1
Pyrene	1600		ug/kg	140	24.	1
Biphenyl	55	J	ug/kg	540	31.	1
4-Chloroaniline	ND		ug/kg	240	44.	1
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	99.	1
Dibenzofuran	120	J	ug/kg	240	23.	1
2-Methylnaphthalene	110	J	ug/kg	290	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	36.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	220	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	79.	1
2-Nitrophenol	ND		ug/kg	520	90.	1
4-Nitrophenol	ND		ug/kg	330	98.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	110	1
Pentachlorophenol	ND		ug/kg	190	53.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	52	J	ug/kg	340	37.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Carbazole	120	J	ug/kg	240	23.	1
Atrazine	ND		ug/kg	190	84.	1
Benzaldehyde	130	J	ug/kg	320	64.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	240	73.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	240	48.	1
1,4-Dioxane	ND		ug/kg	36	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	63		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 06:53
Analyst: AC
Percent Solids: 69%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	63		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	56		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	51		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	50		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	113		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	115		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 21:18
Analyst: SMZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	800		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	4600		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1900		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	90	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2200		ug/kg	110	21.	1
Benzo(a)pyrene	1900		ug/kg	150	46.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2400		ug/kg	110	32.	1
Benzo(k)fluoranthene	880		ug/kg	110	30.	1
Chrysene	2200		ug/kg	110	20.	1
Acenaphthylene	140	J	ug/kg	150	29.	1
Anthracene	1200		ug/kg	110	37.	1
Benzo(ghi)perylene	820		ug/kg	150	22.	1
Fluorene	670		ug/kg	190	18.	1
Phenanthrene	4700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	900		ug/kg	150	26.	1
Pyrene	3900		ug/kg	110	19.	1
Biphenyl	88	J	ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	420		ug/kg	190	18.	1
2-Methylnaphthalene	270		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	44	J	ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	47	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	470		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	460		ug/kg	250	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	44		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 07:02
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.038	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	132		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	122		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	109		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	111		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	129		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	124		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 21:39
Analyst: SMZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	2700		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	580		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	1000		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1500		ug/kg	120	22.	1
Benzo(a)pyrene	1900		ug/kg	160	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2000		ug/kg	120	33.	1
Benzo(k)fluoranthene	690		ug/kg	120	32.	1
Chrysene	1500		ug/kg	120	20.	1
Acenaphthylene	290		ug/kg	160	30.	1
Anthracene	590		ug/kg	120	38.	1
Benzo(ghi)perylene	1100		ug/kg	160	23.	1
Fluorene	270		ug/kg	200	19.	1
Phenanthrene	2900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	180		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	960		ug/kg	160	28.	1
Pyrene	2800		ug/kg	120	20.	1
Biphenyl	120	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	260		ug/kg	200	19.	1
2-Methylnaphthalene	340		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	32	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	290		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**21**	Q	25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	**2**	Q	10-136
4-Terphenyl-d14	60		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 07:11
Analyst: AC
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	110		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	117		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	127		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**133**	Q	15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08 RE\D
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/25 18:58
Analyst: IMK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2100		ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	520	10
2,4-Dinitrotoluene	ND		ug/kg	1900	390	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Fluoranthene	28000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	2200		ug/kg	1900	240	10
Nitrobenzene	ND		ug/kg	1700	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	300	10
Bis(2-ethylhexyl)phthalate	3300		ug/kg	1900	670	10
Butyl benzyl phthalate	ND		ug/kg	1900	490	10
Di-n-butylphthalate	ND		ug/kg	1900	370	10
Di-n-octylphthalate	ND		ug/kg	1900	660	10
Diethyl phthalate	ND		ug/kg	1900	180	10
Dimethyl phthalate	ND		ug/kg	1900	410	10
Benzo(a)anthracene	17000		ug/kg	1200	220	10
Benzo(a)pyrene	16000		ug/kg	1600	470	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08 RE\D
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	18000		ug/kg	1200	330	10
Benzo(k)fluoranthene	5600		ug/kg	1200	310	10
Chrysene	16000		ug/kg	1200	200	10
Acenaphthylene	4000		ug/kg	1600	300	10
Anthracene	6500		ug/kg	1200	380	10
Benzo(ghi)perylene	8700		ug/kg	1600	230	10
Fluorene	2100		ug/kg	1900	190	10
Phenanthrene	26000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	2000		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	7900		ug/kg	1600	270	10
Pyrene	31000		ug/kg	1200	190	10
Biphenyl	290	J	ug/kg	4400	250	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	370	10
4-Nitroaniline	ND		ug/kg	1900	800	10
Dibenzofuran	1400	J	ug/kg	1900	180	10
2-Methylnaphthalene	1100	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	1900	290	10
2-Chlorophenol	ND		ug/kg	1900	230	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	790	10
2,4-Dinitrophenol	ND		ug/kg	9300	900	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	930	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10
2,4,5-Trichlorophenol	ND		ug/kg	1900	370	10
Carbazole	1300	J	ug/kg	1900	190	10
Atrazine	ND		ug/kg	1600	680	10
Benzaldehyde	550	J	ug/kg	2600	520	10

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08 RE\D
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1900	590	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	390	10
1,4-Dioxane	ND		ug/kg	290	89.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**8**	Q	25-120
Phenol-d6	24		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	86		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 22:00
Analyst: SMZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	720		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	2200		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	1100		ug/kg	120	22.	1
Benzo(a)pyrene	930		ug/kg	150	47.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1100		ug/kg	120	33.	1
Benzo(k)fluoranthene	420		ug/kg	120	31.	1
Chrysene	1100		ug/kg	120	20.	1
Acenaphthylene	130	J	ug/kg	150	30.	1
Anthracene	620		ug/kg	120	38.	1
Benzo(ghi)perylene	490		ug/kg	150	23.	1
Fluorene	360		ug/kg	190	19.	1
Phenanthrene	2600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	97	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	150	27.	1
Pyrene	2100		ug/kg	120	19.	1
Biphenyl	180	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	190		ug/kg	190	18.	1
2-Methylnaphthalene	480		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	260		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	60		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 07:20
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.033	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	100		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	128		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	115		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	119		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	124		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/25 22:21
Analyst: SMZ
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	3400		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	320		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	2000		ug/kg	130	24.	1
Benzo(a)pyrene	1600		ug/kg	170	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1900		ug/kg	130	35.	1
Benzo(k)fluoranthene	650		ug/kg	130	34.	1
Chrysene	2100		ug/kg	130	22.	1
Acenaphthylene	50	J	ug/kg	170	32.	1
Anthracene	720		ug/kg	130	41.	1
Benzo(ghi)perylene	640		ug/kg	170	25.	1
Fluorene	280		ug/kg	210	20.	1
Phenanthrene	2500		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	180		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	650		ug/kg	170	29.	1
Pyrene	3000		ug/kg	130	21.	1
Biphenyl	40	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	160	J	ug/kg	210	20.	1
2-Methylnaphthalene	120	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	80	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	620		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	130	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	95	J	ug/kg	280	57.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	47		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 07:28
Analyst: AC
Percent Solids: 78%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.129	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	117		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	124		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	118		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	123		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	92		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**143**	Q	20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**144**	Q	15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 18:20
Analyst: JG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	2000		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	220		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	1000		ug/kg	130	24.	1
Benzo(a)pyrene	1000		ug/kg	170	53.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1200		ug/kg	130	36.	1
Benzo(k)fluoranthene	370		ug/kg	130	35.	1
Chrysene	1100		ug/kg	130	22.	1
Acenaphthylene	160	J	ug/kg	170	33.	1
Anthracene	400		ug/kg	130	42.	1
Benzo(ghi)perylene	680		ug/kg	170	25.	1
Fluorene	190	J	ug/kg	220	21.	1
Phenanthrene	1900		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	130		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	620		ug/kg	170	30.	1
Pyrene	1900		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	91	J	ug/kg	220	20.	1
2-Methylnaphthalene	62	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	470	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	90	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	140	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
1,4-Dioxane	ND		ug/kg	32	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	41		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 07:37
Analyst: AC
Percent Solids: 77%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.035	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	115		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	114		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	116		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	122		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 19:30
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1700		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	1900		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	690		ug/kg	120	22.	1
Benzo(a)pyrene	610		ug/kg	160	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	800		ug/kg	120	33.	1
Benzo(k)fluoranthene	210		ug/kg	120	31.	1
Chrysene	720		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	300		ug/kg	120	38.	1
Benzo(ghi)perylene	380		ug/kg	160	23.	1
Fluorene	980		ug/kg	190	19.	1
Phenanthrene	1500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	92	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	160	27.	1
Pyrene	1400		ug/kg	120	19.	1
Biphenyl	190	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	540		ug/kg	190	18.	1
2-Methylnaphthalene	700		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	43	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	210	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	300		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	48		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 08:04
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.077	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	109		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	108		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	107		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	111		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	112		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 19:54
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	310		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	2000		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	2300		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	1300		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	1700		ug/kg	120	22.	1
Benzo(a)pyrene	1500		ug/kg	160	49.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	120	34.	1
Benzo(k)fluoranthene	400		ug/kg	120	32.	1
Chrysene	1700		ug/kg	120	21.	1
Acenaphthylene	1600		ug/kg	160	31.	1
Anthracene	1800		ug/kg	120	39.	1
Benzo(ghi)perylene	1400		ug/kg	160	24.	1
Fluorene	640		ug/kg	200	19.	1
Phenanthrene	3700		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	280		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	160	28.	1
Pyrene	3100		ug/kg	120	20.	1
Biphenyl	280	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	210		ug/kg	200	19.	1
2-Methylnaphthalene	3300		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	180	J	ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	120	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	**122**	Q	23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	38		10-136
4-Terphenyl-d14	43		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 08:13
Analyst: AC
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.062	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.024	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.125	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	0.057	J	ng/g	0.199	0.010	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.428	J	ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	128		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**222**	Q	40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**407**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**210**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**154**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	104		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13 RE
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/13/25 16:53
Analyst: ANH
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 07/12/25 10:50
Cleanup Method: EPA 1633
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2.78		ng/g	1.20	0.512	1

Project Name: 601-607 UNION ST **Lab Number:** L2541710

Project Number: 25030019 **Report Date:** 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13 RE
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	105		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	91		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13 D
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 16:58
Analyst: AC
Percent Solids: 83%

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.386	J	ng/g	0.398	0.088	2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13 D
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	124		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	275		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**146**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	135		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	88		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 08:44
Analyst: AC
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.142	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.066	J	ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	70		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	124		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	159		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**155**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	123		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	103		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/25 13:10
Analyst: SMZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		ug/kg	720	93.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	89.	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	150	5
Fluoranthene	6400		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	96.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	970	90.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	810	5
Hexachloroethane	ND		ug/kg	720	140	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	2200		ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	3200		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	300	5
Diethyl phthalate	ND		ug/kg	900	83.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	3000		ug/kg	540	100	5
Benzo(a)pyrene	2600		ug/kg	720	220	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3100		ug/kg	540	150	5
Benzo(k)fluoranthene	970		ug/kg	540	140	5
Chrysene	3000		ug/kg	540	93.	5
Acenaphthylene	590	J	ug/kg	720	140	5
Anthracene	1700		ug/kg	540	170	5
Benzo(ghi)perylene	1500		ug/kg	720	100	5
Fluorene	2000		ug/kg	900	87.	5
Phenanthrene	8400		ug/kg	540	110	5
Dibenzo(a,h)anthracene	390	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	1400		ug/kg	720	120	5
Pyrene	5900		ug/kg	540	89.	5
Biphenyl	210	J	ug/kg	2000	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	990		ug/kg	900	85.	5
2-Methylnaphthalene	17000		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	1900	340	5
4-Nitrophenol	ND		ug/kg	1200	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	900	170	5
Carbazole	670	J	ug/kg	900	87.	5
Atrazine	ND		ug/kg	720	310	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	900	270	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	900	180	5
1,4-Dioxane	ND		ug/kg	130	41.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	**258**	Q	23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	56		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/11/25 11:48
Analyst: CAP
Percent Solids: 91%

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.371	J	ng/g	0.400	0.171	2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	63		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	65		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	110		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/08/25 22:09
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	13000	E	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	13000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	3200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	260		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	6300		ug/kg	110	21.	1
Benzo(a)pyrene	5500		ug/kg	150	46.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	7000		ug/kg	110	32.	1
Benzo(k)fluoranthene	2000		ug/kg	110	30.	1
Chrysene	6100		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	4100		ug/kg	110	37.	1
Benzo(ghi)perylene	3400		ug/kg	150	22.	1
Fluorene	6400		ug/kg	190	18.	1
Phenanthrene	18000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	930		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3200		ug/kg	150	26.	1
Pyrene	12000	E	ug/kg	110	19.	1
Biphenyl	160	J	ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	3100		ug/kg	190	18.	1
2-Methylnaphthalene	5200		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	1700		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	**128**	Q	23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	57		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/10/25 08:53
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.041	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.170	J	ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	113		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	116		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	187		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**160**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	111		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	135		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	107		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	110		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	102		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15 D
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/25 16:58
Analyst: JG
Percent Solids: 87%

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	16000		ug/kg	750	98.	5
Fluoranthene	21000		ug/kg	560	110	5
Phenanthrene	29000		ug/kg	560	110	5
Pyrene	18000		ug/kg	560	94.	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/25 10:28
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG2087146-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/25 10:28
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG2087146-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/25 10:28
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 07/05/25 23:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG2087146-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	52		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2088045-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2088045-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/09/25 05:57
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/08/25 13:20
Cleanup Method: EPA 1633
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2088045-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	110		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	105		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	109		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/10/25 06:08
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-15 Batch: WG2088547-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/10/25 06:08
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-15 Batch: WG2088547-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/10/25 06:08
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/25 13:35
Cleanup Method: EPA 1633
Cleanup Date: 07/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-15 Batch: WG2088547-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	106		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	114		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	107		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	108		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	130		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**133**	Q	15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/11/25 11:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/10/25 13:50
Cleanup Method: EPA 1633
Cleanup Date: 07/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2089092-1					
Perfluorobutanoic Acid (PFBA)	0.034	J	ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	0.070	J	ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	0.036	J	ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	0.033	J	ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/11/25 11:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/10/25 13:50
Cleanup Method: EPA 1633
Cleanup Date: 07/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2089092-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/11/25 11:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/10/25 13:50
Cleanup Method: EPA 1633
Cleanup Date: 07/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2089092-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	63		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	61		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	59		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	88		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	101		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	108		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/13/25 15:51
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/12/25 10:50
Cleanup Method: EPA 1633
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2089397-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/13/25 15:51
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/12/25 10:50
Cleanup Method: EPA 1633
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2089397-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/13/25 15:51
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/12/25 10:50
Cleanup Method: EPA 1633
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2089397-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	61		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	63		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	66		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	97		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/12/25 10:48
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/11/25 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2089676-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/12/25 10:48
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/11/25 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2089676-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/12/25 10:48
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 07/11/25 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2089676-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	100		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:18
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/12/25 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2089813-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:18
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/12/25 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2089813-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:18
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/12/25 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2089813-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	60		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG2087146-2 WG2087146-3								
Acenaphthene	75		62		31-137	19		50
Hexachlorobenzene	74		62		40-140	18		50
Bis(2-chloroethyl)ether	78		75		40-140	4		50
2-Chloronaphthalene	73		62		40-140	16		50
3,3'-Dichlorobenzidine	77		65		40-140	17		50
2,4-Dinitrotoluene	94		79		40-132	17		50
2,6-Dinitrotoluene	86		72		40-140	18		50
Fluoranthene	76		62		40-140	20		50
4-Chlorophenyl phenyl ether	72		59		40-140	20		50
4-Bromophenyl phenyl ether	72		58		40-140	22		50
Bis(2-chloroisopropyl)ether	87		81		40-140	7		50
Bis(2-chloroethoxy)methane	79		74		40-117	7		50
Hexachlorobutadiene	65		55		40-140	17		50
Hexachlorocyclopentadiene	42		**36**	Q	40-140	15		50
Hexachloroethane	77		70		40-140	10		50
Isophorone	74		71		40-140	4		50
Naphthalene	76		66		40-140	14		50
Nitrobenzene	79		77		40-140	3		50
NDPA/DPA	76		64		36-157	17		50
n-Nitrosodi-n-propylamine	77		74		32-121	4		50
Bis(2-ethylhexyl)phthalate	98		79		40-140	21		50
Butyl benzyl phthalate	96		77		40-140	22		50
Di-n-butylphthalate	88		72		40-140	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG2087146-2 WG2087146-3								
Di-n-octylphthalate	104		82		40-140	24		50
Diethyl phthalate	82		67		40-140	20		50
Dimethyl phthalate	73		60		40-140	20		50
Benzo(a)anthracene	77		63		40-140	20		50
Benzo(a)pyrene	84		69		40-140	20		50
Benzo(b)fluoranthene	84		68		40-140	21		50
Benzo(k)fluoranthene	86		69		40-140	22		50
Chrysene	78		62		40-140	23		50
Acenaphthylene	72		62		40-140	15		50
Anthracene	80		65		40-140	21		50
Benzo(ghi)perylene	83		68		40-140	20		50
Fluorene	78		64		40-140	20		50
Phenanthrene	79		63		40-140	23		50
Dibenzo(a,h)anthracene	82		66		40-140	22		50
Indeno(1,2,3-cd)pyrene	82		68		40-140	19		50
Pyrene	77		64		35-142	18		50
Biphenyl	74		65		37-127	13		50
4-Chloroaniline	65		56		40-140	15		50
2-Nitroaniline	94		81		47-134	15		50
3-Nitroaniline	83		71		26-129	16		50
4-Nitroaniline	92		78		41-125	16		50
Dibenzofuran	75		63		40-140	17		50
2-Methylnaphthalene	77		63		40-140	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG2087146-2 WG2087146-3								
1,2,4,5-Tetrachlorobenzene	67		55		40-117	20		50
Acetophenone	83		78		14-144	6		50
2,4,6-Trichlorophenol	72		62		30-130	15		50
p-Chloro-m-cresol	84		70		26-103	18		50
2-Chlorophenol	80		76		25-102	5		50
2,4-Dichlorophenol	75		70		30-130	7		50
2,4-Dimethylphenol	78		72		30-130	8		50
2-Nitrophenol	88		82		30-130	7		50
4-Nitrophenol	100		83		11-114	19		50
2,4-Dinitrophenol	98		83		4-130	17		50
4,6-Dinitro-o-cresol	104		86		10-130	19		50
Pentachlorophenol	67		59		17-109	13		50
Phenol	80		76		26-90	5		50
2-Methylphenol	79		73		30-130.	8		50
3-Methylphenol/4-Methylphenol	80		75		30-130	6		50
2,4,5-Trichlorophenol	76		62		30-130	20		50
Carbazole	80		66		54-128	19		50
Atrazine	81		68		40-140	17		50
Benzaldehyde	78		76		40-140	3		50
Caprolactam	116		101		15-130	14		50
2,3,4,6-Tetrachlorophenol	71		59		40-140	18		50
1,4-Dioxane	76		68		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG2087146-2 WG2087146-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		73		25-120
Phenol-d6	77		72		10-120
Nitrobenzene-d5	78		73		23-120
2-Fluorobiphenyl	66		56		30-120
2,4,6-Tribromophenol	74		60		10-136
4-Terphenyl-d14	72		58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	117		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	113		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	129		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	107		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	111		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	100		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	138		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	106		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	110		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	120		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	103		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	116		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	112				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	111				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	113				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-3								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	97		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	114		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	102		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	94		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	92		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-3								
Perfluorododecanoic Acid (PFDoA)	103		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	90		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	103		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	105		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	102		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	105		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	116		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2088045-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	57				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	105				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	116		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	113		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	116		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	111		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	138		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	119		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	109		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	97		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	82		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	101		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	107		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	137		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	101		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	101		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	92		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	108		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	105		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	119		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	109		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	107		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	109		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	118		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	109		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	130		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	100				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	93				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	121				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	122				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-3								
Perfluorobutanoic Acid (PFBA)	102		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	103		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	94		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	87		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	103		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	102		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	91		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	107		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	103		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	98		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-3								
Perfluorododecanoic Acid (PFDoA)	100		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	131		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	89		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	97		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	91		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	88		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	102		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	100		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	97		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	97		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	109		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	91		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	99		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	92		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 Batch: WG2088547-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	106				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	108				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**136**	Q			20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**138**	Q			15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	112		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	134		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	126		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	101		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	95		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	107		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	126		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	116		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	119		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	112		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	136		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	103		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	124		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	98		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	111		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	122		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	114		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	92		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	124		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	100		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	55				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	62				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	55				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	70				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	55				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	106				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	113				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-3								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	90		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	111		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	107		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	103		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	97		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	111		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	117		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	103		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-3								
Perfluorododecanoic Acid (PFDoA)	103		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	120		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	107		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	108		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	107		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	93		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	101		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	107		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	86		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	101		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	87		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2089092-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	61				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	63				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	60				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	55				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	86				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	100				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	95		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	103		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	112		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	122		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	84		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	105		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	128		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	92		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	109		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	138		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	82		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	107		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	109		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	96		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	118		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	117		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	125		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	64				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	64				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	61				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	52				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	84				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-3								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	113		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	103		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	108		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	98		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	114		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	103		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-3								
Perfluorododecanoic Acid (PFDoA)	118		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	127		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	113		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	133		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	101		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	128		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	107		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	104		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	114		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	118		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	118		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	111		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2089397-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	70				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	83				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	94				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	98				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2089676-2 WG2089676-3								
Acenaphthene	72		74		31-137	3		50
Hexachlorobenzene	67		69		40-140	3		50
Bis(2-chloroethyl)ether	73		72		40-140	1		50
2-Chloronaphthalene	68		66		40-140	3		50
3,3'-Dichlorobenzidine	69		69		40-140	0		50
2,4-Dinitrotoluene	80		80		40-132	0		50
2,6-Dinitrotoluene	70		67		40-140	4		50
Fluoranthene	75		73		40-140	3		50
4-Chlorophenyl phenyl ether	65		67		40-140	3		50
4-Bromophenyl phenyl ether	64		66		40-140	3		50
Bis(2-chloroisopropyl)ether	75		75		40-140	0		50
Bis(2-chloroethoxy)methane	74		73		40-117	1		50
Hexachlorobutadiene	58		57		40-140	2		50
Hexachlorocyclopentadiene	55		55		40-140	0		50
Hexachloroethane	81		80		40-140	1		50
Isophorone	71		67		40-140	6		50
Naphthalene	73		73		40-140	0		50
Nitrobenzene	70		73		40-140	4		50
NDPA/DPA	73		74		36-157	1		50
n-Nitrosodi-n-propylamine	71		70		32-121	1		50
Bis(2-ethylhexyl)phthalate	96		99		40-140	3		50
Butyl benzyl phthalate	101		98		40-140	3		50
Di-n-butylphthalate	86		84		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2089676-2 WG2089676-3								
Di-n-octylphthalate	101		104		40-140	3		50
Diethyl phthalate	75		74		40-140	1		50
Dimethyl phthalate	66		63		40-140	5		50
Benzo(a)anthracene	75		76		40-140	1		50
Benzo(a)pyrene	83		83		40-140	0		50
Benzo(b)fluoranthene	82		85		40-140	4		50
Benzo(k)fluoranthene	75		74		40-140	1		50
Chrysene	71		72		40-140	1		50
Acenaphthylene	72		71		40-140	1		50
Anthracene	77		76		40-140	1		50
Benzo(ghi)perylene	81		82		40-140	1		50
Fluorene	73		74		40-140	1		50
Phenanthrene	73		75		40-140	3		50
Dibenzo(a,h)anthracene	77		78		40-140	1		50
Indeno(1,2,3-cd)pyrene	75		77		40-140	3		50
Pyrene	74		74		35-142	0		50
Biphenyl	68		67		37-127	1		50
4-Chloroaniline	47		45		40-140	4		50
2-Nitroaniline	85		82		47-134	4		50
3-Nitroaniline	69		69		26-129	0		50
4-Nitroaniline	76		81		41-125	6		50
Dibenzofuran	71		74		40-140	4		50
2-Methylnaphthalene	66		65		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2089676-2 WG2089676-3								
1,2,4,5-Tetrachlorobenzene	62		62		40-117	0		50
Acetophenone	77		78		14-144	1		50
2,4,6-Trichlorophenol	65		63		30-130	3		50
p-Chloro-m-cresol	72		69		26-103	4		50
2-Chlorophenol	88		90		25-102	2		50
2,4-Dichlorophenol	79		77		30-130	3		50
2,4-Dimethylphenol	85		82		30-130	4		50
2-Nitrophenol	95		94		30-130	1		50
4-Nitrophenol	67		72		11-114	7		50
2,4-Dinitrophenol	74		76		4-130	3		50
4,6-Dinitro-o-cresol	85		86		10-130	1		50
Pentachlorophenol	58		59		17-109	2		50
Phenol	75		76		26-90	1		50
2-Methylphenol	85		80		30-130	6		50
3-Methylphenol/4-Methylphenol	87		83		30-130	5		50
2,4,5-Trichlorophenol	69		67		30-130	3		50
Carbazole	79		81		54-128	3		50
Atrazine	72		73		40-140	1		50
Benzaldehyde	73		70		40-140	4		50
Caprolactam	84		81		15-130	4		50
2,3,4,6-Tetrachlorophenol	69		71		40-140	3		50
1,4-Dioxane	69		62		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2089676-2 WG2089676-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		89		25-120
Phenol-d6	80		81		10-120
Nitrobenzene-d5	74		76		23-120
2-Fluorobiphenyl	62		63		30-120
2,4,6-Tribromophenol	70		73		10-136
4-Terphenyl-d14	70		73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2089813-2 WG2089813-3								
Acenaphthene	78		74		31-137	5		50
Hexachlorobenzene	74		66		40-140	11		50
Bis(2-chloroethyl)ether	66		66		40-140	0		50
2-Chloronaphthalene	70		67		40-140	4		50
3,3'-Dichlorobenzidine	77		74		40-140	4		50
2,4-Dinitrotoluene	84		79		40-132	6		50
2,6-Dinitrotoluene	73		69		40-140	6		50
Fluoranthene	80		76		40-140	5		50
4-Chlorophenyl phenyl ether	75		70		40-140	7		50
4-Bromophenyl phenyl ether	74		69		40-140	7		50
Bis(2-chloroisopropyl)ether	61		60		40-140	2		50
Bis(2-chloroethoxy)methane	68		66		40-117	3		50
Hexachlorobutadiene	63		62		40-140	2		50
Hexachlorocyclopentadiene	44		44		40-140	0		50
Hexachloroethane	74		72		40-140	3		50
Isophorone	67		64		40-140	5		50
Naphthalene	76		72		40-140	5		50
Nitrobenzene	69		68		40-140	1		50
NDPA/DPA	79		74		36-157	7		50
n-Nitrosodi-n-propylamine	66		63		32-121	5		50
Bis(2-ethylhexyl)phthalate	93		86		40-140	8		50
Butyl benzyl phthalate	95		90		40-140	5		50
Di-n-butylphthalate	91		85		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2089813-2 WG2089813-3								
Di-n-octylphthalate	104		97		40-140	7		50
Diethyl phthalate	79		73		40-140	8		50
Dimethyl phthalate	68		65		40-140	5		50
Benzo(a)anthracene	80		77		40-140	4		50
Benzo(a)pyrene	84		80		40-140	5		50
Benzo(b)fluoranthene	83		79		40-140	5		50
Benzo(k)fluoranthene	79		74		40-140	7		50
Chrysene	75		72		40-140	4		50
Acenaphthylene	75		72		40-140	4		50
Anthracene	80		77		40-140	4		50
Benzo(ghi)perylene	77		75		40-140	3		50
Fluorene	81		75		40-140	8		50
Phenanthrene	78		74		40-140	5		50
Dibenzo(a,h)anthracene	79		80		40-140	1		50
Indeno(1,2,3-cd)pyrene	82		80		40-140	2		50
Pyrene	79		76		35-142	4		50
Biphenyl	70		68		37-127	3		50
4-Chloroaniline	58		55		40-140	5		50
2-Nitroaniline	88		81		47-134	8		50
3-Nitroaniline	76		68		26-129	11		50
4-Nitroaniline	81		77		41-125	5		50
Dibenzofuran	79		75		40-140	5		50
2-Methylnaphthalene	73		69		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2089813-2 WG2089813-3								
1,2,4,5-Tetrachlorobenzene	70		67		40-117	4		50
Acetophenone	69		66		14-144	4		50
2,4,6-Trichlorophenol	70		67		30-130	4		50
p-Chloro-m-cresol	72		69		26-103	4		50
2-Chlorophenol	78		77		25-102	1		50
2,4-Dichlorophenol	73		72		30-130	1		50
2,4-Dimethylphenol	71		69		30-130	3		50
2-Nitrophenol	88		84		30-130	5		50
4-Nitrophenol	80		76		11-114	5		50
2,4-Dinitrophenol	74		68		4-130	8		50
4,6-Dinitro-o-cresol	90		86		10-130	5		50
Pentachlorophenol	60		57		17-109	5		50
Phenol	69		68		26-90	1		50
2-Methylphenol	75		73		30-130	3		50
3-Methylphenol/4-Methylphenol	79		78		30-130	1		50
2,4,5-Trichlorophenol	69		66		30-130	4		50
Carbazole	84		79		54-128	6		50
Atrazine	79		70		40-140	12		50
Benzaldehyde	63		61		40-140	3		50
Caprolactam	70		68		15-130	3		50
2,3,4,6-Tetrachlorophenol	76		72		40-140	5		50
1,4-Dioxane	63		58		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2089813-2 WG2089813-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		81		25-120
Phenol-d6	75		73		10-120
Nitrobenzene-d5	70		67		23-120
2-Fluorobiphenyl	67		63		30-120
2,4,6-Tribromophenol	74		71		10-136
4-Terphenyl-d14	76		70		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG2087146-4 WG2087146-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Acenaphthene	180	1720	1300	65		1400	71		31-137	7		50
Hexachlorobenzene	ND	1720	910	53		1000	58		40-140	9		50
Bis(2-chloroethyl)ether	ND	1720	1500	87		1500	88		40-140	0		50
2-Chloronaphthalene	ND	1720	1200	70		1200	70		40-140	0		50
3,3'-Dichlorobenzidine	ND	1720	780	45		840	49		40-140	7		50
2,4-Dinitrotoluene	ND	1720	980	57		1100	64		40-132	12		50
2,6-Dinitrotoluene	ND	1720	950	55		1000	58		40-140	5		50
Fluoranthene	2000	1720	2700	41		3000	58		40-140	11		50
4-Chlorophenyl phenyl ether	ND	1720	1100	64		1100	64		40-140	0		50
4-Bromophenyl phenyl ether	ND	1720	970	57		1100	64		40-140	13		50
Bis(2-chloroisopropyl)ether	ND	1720	1700	99		1800	110		40-140	6		50
Bis(2-chloroethoxy)methane	ND	1720	1400	82		1500	88		40-117	7		50
Hexachlorobutadiene	ND	1720	930	54		990	58		40-140	6		50
Hexachlorocyclopentadiene	ND	1720	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1720	840	49		880	51		40-140	5		50
Isophorone	ND	1720	1300	76		1400	82		40-140	7		50
Naphthalene	220	1720	1500	87		1800	110		40-140	18		50
Nitrobenzene	ND	1720	1500	87		1400	82		40-140	7		50
NDPA/DPA	ND	1720	1100	64		1300	76		36-157	17		50
n-Nitrosodi-n-propylamine	ND	1720	1500	87		1500	88		32-121	0		50
Bis(2-ethylhexyl)phthalate	120J	1720	1600	93		1900	110		40-140	17		50
Butyl benzyl phthalate	ND	1720	1200	70		1200	70		40-140	0		50
Di-n-butylphthalate	ND	1720	1200	70		1300	76		40-140	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG2087146-4 WG2087146-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Di-n-octylphthalate	ND	1720	1500	87		1800	110		40-140	18		50
Diethyl phthalate	ND	1720	1200	70		1200	70		40-140	0		50
Dimethyl phthalate	ND	1720	1000	58		1100	64		40-140	10		50
Benzo(a)anthracene	1000	1720	2000	58		2300	76		40-140	14		50
Benzo(a)pyrene	1000	1720	1800	47		2100	64		40-140	15		50
Benzo(b)fluoranthene	1200	1720	2000	47		2200	58		40-140	10		50
Benzo(k)fluoranthene	370	1720	1300	54		1500	66		40-140	14		50
Chrysene	1100	1720	2000	52		2200	64		40-140	10		50
Acenaphthylene	160J	1720	1200	70		1300	76		40-140	8		50
Anthracene	400	1720	1500	64		1600	70		40-140	6		50
Benzo(ghi)perylene	680	1720	1600	54		1600	54		40-140	0		50
Fluorene	190J	1720	1400	82		1500	88		40-140	7		50
Phenanthrene	1900	1720	2600	41		3300	82		40-140	24		50
Dibenzo(a,h)anthracene	130	1720	1200	70		1200	70		40-140	0		50
Indeno(1,2,3-cd)pyrene	620	1720	1500	51		1600	57		40-140	6		50
Pyrene	1900	1720	2600	41		2800	53		35-142	7		50
Biphenyl	ND	1720	1200	70		1300	76		37-127	8		50
4-Chloroaniline	ND	1720	1300	76		1300	76		40-140	0		50
2-Nitroaniline	ND	1720	1600	93		1600	94		47-134	0		50
3-Nitroaniline	ND	1720	1500	87		1600	94		26-129	6		50
4-Nitroaniline	ND	1720	1600	93		1600	94		41-125	0		50
Dibenzofuran	91J	1720	1200	70		1300	76		40-140	8		50
2-Methylnaphthalene	62J	1720	1300	76		1500	88		40-140	14		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG2087146-4 WG2087146-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
1,2,4,5-Tetrachlorobenzene	ND	1720	1000	58		1000	58		40-117	0		50
Acetophenone	ND	1720	1500	87		1600	94		14-144	6		50
2,4,6-Trichlorophenol	ND	1720	600	35		580	34		30-130	3		50
p-Chloro-m-cresol	ND	1720	1200	70		1400	82		26-103	15		50
2-Chlorophenol	ND	1720	1300	76		1300	76		25-102	0		50
2,4-Dichlorophenol	ND	1720	1100	64		1200	70		30-130	9		50
2,4-Dimethylphenol	ND	1720	1100	64		1200	70		30-130	9		50
2-Nitrophenol	ND	1720	790	46		850	50		30-130	7		50
4-Nitrophenol	ND	1720	440	26		450	26		11-114	2		50
2,4-Dinitrophenol	ND	1720	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1720	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1720	140J	**8**	Q	140J	**8**	Q	17-109	0		50
Phenol	ND	1720	1400	82		1400	82		26-90	0		50
2-Methylphenol	ND	1720	1200	70		1300	76		30-130	8		50
3-Methylphenol/4-Methylphenol	90J	1720	1400	82		1400	82		30-130	0		50
2,4,5-Trichlorophenol	ND	1720	910	53		880	51		30-130	3		50
Carbazole	140J	1720	1200	70		1400	82		54-128	15		50
Atrazine	ND	1720	1200	70		1300	76		40-140	8		50
Benzaldehyde	ND	1720	1700	99		1600	94		40-140	6		50
Caprolactam	ND	1720	2000	120		2000	120		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1720	280	**16**	Q	280	**16**	Q	40-140	0		50
1,4-Dioxane	ND	1720	1200	70		1200	70		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG2087146-4 WG2087146-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	33		33		10-136
2-Fluorobiphenyl	54		57		30-120
2-Fluorophenol	59		59		25-120
4-Terphenyl-d14	46		46		18-120
Nitrobenzene-d5	83		81		23-120
Phenol-d6	73		74		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 QC Batch ID: WG2088547-4 WG2088547-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Perfluorobutanoic Acid (PFBA)	ND	7.96	8.46	106		8.08	102		70-140	5		30
Perfluoropentanoic Acid (PFPeA)	ND	3.98	4.06	102		4.20	106		60-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	1.90	108		1.91	108		65-145	1		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.46	7.65	103		7.59	102		60-150	1		30
Perfluorohexanoic Acid (PFHxA)	ND	1.99	2.25	113		1.96	99		65-140	14		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	2.10	112		1.88	101		55-160	11		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.99	1.98	100		1.97	99		65-145	1		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	2.11	116		1.88	103		60-150	12		30
Perfluorooctanoic Acid (PFOA)	0.035J	1.99	2.03	100		2.16	107		70-150	6		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.57	7.10	94		6.25	83		55-200	13		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	1.82	96		1.78	94		65-155	2		30
Perfluorononanoic Acid (PFNA)	ND	1.99	2.08	105		1.98	100		70-155	5		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.85	1.83	99		1.72	93		65-160	6		30
Perfluorodecanoic Acid (PFDA)	ND	1.99	2.17	109		2.05	103		70-155	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.64	7.94	104		7.96	104		70-150	0		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	1.70	89		1.71	89		55-140	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.99	1.97	99		1.94	98		65-155	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.99	2.20	111		2.11	106		70-155	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	1.79	93		1.70	89		40-155	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 QC Batch ID: WG2088547-4 WG2088547-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Perfluorooctanesulfonamide (PFOSA)	ND	1.99	1.83	92		1.82	92		70-140	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.99	1.92	97		1.95	98		65-165	2		30
Perfluorododecanoic Acid (PFDoA)	ND	1.99	1.87	94		2.09	105		70-150	11		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.99	2.47	124		2.58	130		65-150	4		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.99	1.81	91		1.78	90		65-150	2		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.96	8.20	103		8.12	102		70-145	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.52	6.56	87		6.60	88		70-160	1		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.93	1.68	87		1.58	82		25-160	6		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.42	7.44	100		7.15	96		70-150	4		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.5	7.35	98		7.10	95		45-160	3		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.99	1.83	92		1.90	96		70-155	4		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.99	1.90	96		1.87	94		70-140	2		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.9	19.6	99		19.0	96		70-140	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.9	19.1	96		18.7	94		70-135	2		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.98	3.87	97		3.78	95		30-140	2		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.98	4.06	102		4.05	102		60-150	0		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.55	3.32	94		3.13	88		70-140	6		30
Nonafluoro-3,6-Dioxaheptanoic	ND	3.98	4.96	125		4.16	105		60-155	18		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 QC Batch ID: WG2088547-4 WG2088547-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.95	9.10	92		9.11	92		45-130	0		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.7	49.8	100		46.7	94		60-130	6		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.7	46.8	94		46.8	94		60-150	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109		121		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		95		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		117		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84		93		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		109		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	116		125		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88		95		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102		113		40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	117		121		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		83		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	112		124		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		90		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		92		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		98		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-15 QC Batch ID: WG2088547-4 WG2088547-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		102		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		78		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	109		113		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		93		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		91		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		103		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101		104		40-130

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 15:47
Analyst: MHG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 15:59
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.9	4.79	1	A
Aroclor 1221	ND		ug/kg	53.9	5.40	1	A
Aroclor 1232	ND		ug/kg	53.9	11.4	1	A
Aroclor 1242	ND		ug/kg	53.9	7.27	1	A
Aroclor 1248	ND		ug/kg	53.9	8.09	1	A
Aroclor 1254	ND		ug/kg	53.9	5.90	1	A
Aroclor 1260	ND		ug/kg	53.9	9.96	1	A
Aroclor 1262	ND		ug/kg	53.9	6.85	1	A
Aroclor 1268	ND		ug/kg	53.9	5.59	1	A
PCBs, Total	ND		ug/kg	53.9	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 16:10
Analyst: MHG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.9	5.59	1	A
Aroclor 1221	ND		ug/kg	62.9	6.30	1	A
Aroclor 1232	ND		ug/kg	62.9	13.3	1	A
Aroclor 1242	ND		ug/kg	62.9	8.48	1	A
Aroclor 1248	ND		ug/kg	62.9	9.44	1	A
Aroclor 1254	ND		ug/kg	62.9	6.88	1	A
Aroclor 1260	ND		ug/kg	62.9	11.6	1	A
Aroclor 1262	ND		ug/kg	62.9	7.99	1	A
Aroclor 1268	ND		ug/kg	62.9	6.52	1	A
PCBs, Total	ND		ug/kg	62.9	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 16:22
Analyst: MHG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.56	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.92	1	A
Aroclor 1248	ND		ug/kg	51.3	7.70	1	A
Aroclor 1254	ND		ug/kg	51.3	5.62	1	A
Aroclor 1260	ND		ug/kg	51.3	9.49	1	A
Aroclor 1262	ND		ug/kg	51.3	6.52	1	A
Aroclor 1268	ND		ug/kg	51.3	5.32	1	A
PCBs, Total	ND		ug/kg	51.3	4.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 16:33
Analyst: MHG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.8	5.14	1	A
Aroclor 1221	ND		ug/kg	57.8	5.80	1	A
Aroclor 1232	ND		ug/kg	57.8	12.3	1	A
Aroclor 1242	ND		ug/kg	57.8	7.80	1	A
Aroclor 1248	ND		ug/kg	57.8	8.68	1	A
Aroclor 1254	ND		ug/kg	57.8	6.33	1	A
Aroclor 1260	ND		ug/kg	57.8	10.7	1	A
Aroclor 1262	ND		ug/kg	57.8	7.34	1	A
Aroclor 1268	ND		ug/kg	57.8	5.99	1	A
PCBs, Total	ND		ug/kg	57.8	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 16:45
Analyst: MHG
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:11
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.8	5.93	1	A
Aroclor 1221	ND		ug/kg	66.8	6.69	1	A
Aroclor 1232	ND		ug/kg	66.8	14.2	1	A
Aroclor 1242	ND		ug/kg	66.8	9.00	1	A
Aroclor 1248	ND		ug/kg	66.8	10.0	1	A
Aroclor 1254	ND		ug/kg	66.8	7.30	1	A
Aroclor 1260	ND		ug/kg	66.8	12.3	1	A
Aroclor 1262	ND		ug/kg	66.8	8.48	1	A
Aroclor 1268	ND		ug/kg	66.8	6.92	1	A
PCBs, Total	ND		ug/kg	66.8	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/08/25 10:04
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/07/25 22:10
Cleanup Method: EPA 3665A
Cleanup Date: 07/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.6	5.12	1	A
Aroclor 1221	ND		ug/kg	57.6	5.77	1	A
Aroclor 1232	ND		ug/kg	57.6	12.2	1	A
Aroclor 1242	ND		ug/kg	57.6	7.76	1	A
Aroclor 1248	ND		ug/kg	57.6	8.64	1	A
Aroclor 1254	ND		ug/kg	57.6	6.30	1	A
Aroclor 1260	ND		ug/kg	57.6	10.6	1	A
Aroclor 1262	ND		ug/kg	57.6	7.32	1	A
Aroclor 1268	ND		ug/kg	57.6	5.97	1	A
PCBs, Total	ND		ug/kg	57.6	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 17:08
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.06	1	A
Aroclor 1221	ND		ug/kg	56.9	5.71	1	A
Aroclor 1232	ND		ug/kg	56.9	12.1	1	A
Aroclor 1242	ND		ug/kg	56.9	7.68	1	A
Aroclor 1248	ND		ug/kg	56.9	8.54	1	A
Aroclor 1254	ND		ug/kg	56.9	6.23	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.23	1	A
Aroclor 1268	ND		ug/kg	56.9	5.90	1	A
PCBs, Total	ND		ug/kg	56.9	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 17:19
Analyst: MHG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.40	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.26	1	A
Aroclor 1248	ND		ug/kg	53.8	8.08	1	A
Aroclor 1254	ND		ug/kg	53.8	5.89	1	A
Aroclor 1260	ND		ug/kg	53.8	9.95	1	A
Aroclor 1262	ND		ug/kg	53.8	6.84	1	A
Aroclor 1268	ND		ug/kg	53.8	5.58	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/08/25 10:12
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/07/25 22:10
Cleanup Method: EPA 3665A
Cleanup Date: 07/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.7	5.48	1	A
Aroclor 1221	ND		ug/kg	61.7	6.18	1	A
Aroclor 1232	ND		ug/kg	61.7	13.1	1	A
Aroclor 1242	ND		ug/kg	61.7	8.32	1	A
Aroclor 1248	ND		ug/kg	61.7	9.26	1	A
Aroclor 1254	9.62	J	ug/kg	61.7	6.75	1	B
Aroclor 1260	ND		ug/kg	61.7	11.4	1	A
Aroclor 1262	ND		ug/kg	61.7	7.84	1	A
Aroclor 1268	ND		ug/kg	61.7	6.40	1	A
PCBs, Total	9.62	J	ug/kg	61.7	5.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 18:28
Analyst: MHG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.9	5.59	1	A
Aroclor 1221	ND		ug/kg	62.9	6.30	1	A
Aroclor 1232	ND		ug/kg	62.9	13.3	1	A
Aroclor 1242	ND		ug/kg	62.9	8.48	1	A
Aroclor 1248	ND		ug/kg	62.9	9.44	1	A
Aroclor 1254	ND		ug/kg	62.9	6.88	1	A
Aroclor 1260	ND		ug/kg	62.9	11.6	1	A
Aroclor 1262	ND		ug/kg	62.9	7.99	1	A
Aroclor 1268	ND		ug/kg	62.9	6.52	1	A
PCBs, Total	ND		ug/kg	62.9	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 17:42
Analyst: MHG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.8	5.22	1	A
Aroclor 1221	ND		ug/kg	58.8	5.89	1	A
Aroclor 1232	ND		ug/kg	58.8	12.4	1	A
Aroclor 1242	ND		ug/kg	58.8	7.92	1	A
Aroclor 1248	ND		ug/kg	58.8	8.82	1	A
Aroclor 1254	ND		ug/kg	58.8	6.43	1	A
Aroclor 1260	ND		ug/kg	58.8	10.9	1	A
Aroclor 1262	ND		ug/kg	58.8	7.46	1	A
Aroclor 1268	ND		ug/kg	58.8	6.09	1	A
PCBs, Total	ND		ug/kg	58.8	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 17:54
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.0	5.24	1	A
Aroclor 1221	ND		ug/kg	59.0	5.91	1	A
Aroclor 1232	ND		ug/kg	59.0	12.5	1	A
Aroclor 1242	ND		ug/kg	59.0	7.95	1	A
Aroclor 1248	ND		ug/kg	59.0	8.85	1	A
Aroclor 1254	ND		ug/kg	59.0	6.45	1	A
Aroclor 1260	66.3		ug/kg	59.0	10.9	1	A
Aroclor 1262	ND		ug/kg	59.0	7.49	1	A
Aroclor 1268	ND		ug/kg	59.0	6.11	1	A
PCBs, Total	66.3		ug/kg	59.0	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 18:05
Analyst: MHG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.19	1	A
Aroclor 1248	ND		ug/kg	53.4	8.00	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	44.8	J	ug/kg	53.4	9.86	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	44.8	J	ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/07/25 18:17
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 01:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.2	4.72	1	A
Aroclor 1221	ND		ug/kg	53.2	5.32	1	A
Aroclor 1232	ND		ug/kg	53.2	11.3	1	A
Aroclor 1242	ND		ug/kg	53.2	7.16	1	A
Aroclor 1248	ND		ug/kg	53.2	7.97	1	A
Aroclor 1254	ND		ug/kg	53.2	5.81	1	A
Aroclor 1260	54.2		ug/kg	53.2	9.82	1	B
Aroclor 1262	ND		ug/kg	53.2	6.75	1	A
Aroclor 1268	30.3	J	ug/kg	53.2	5.51	1	A
PCBs, Total	84.5	J	ug/kg	53.2	4.72	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/07/25 14:15
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 07/06/25 00:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06,08-09,11-15 Batch: WG2087148-1						
Aroclor 1016	ND		ug/kg	48.6	4.31	A
Aroclor 1221	ND		ug/kg	48.6	4.87	A
Aroclor 1232	ND		ug/kg	48.6	10.3	A
Aroclor 1242	ND		ug/kg	48.6	6.55	A
Aroclor 1248	ND		ug/kg	48.6	7.29	A
Aroclor 1254	ND		ug/kg	48.6	5.32	A
Aroclor 1260	ND		ug/kg	48.6	8.98	A
Aroclor 1262	ND		ug/kg	48.6	6.17	A
Aroclor 1268	ND		ug/kg	48.6	5.03	A
PCBs, Total	ND		ug/kg	48.6	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/07/25 17:45
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/07/25 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 07/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07,10 Batch: WG2087326-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06,08-09,11-15 Batch: WG2087148-2 WG2087148-3									
Aroclor 1016	83		89		40-140	7		50	A
Aroclor 1260	92		99		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		86		30-150	A
Decachlorobiphenyl	73		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		81		30-150	B
Decachlorobiphenyl	66		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07,10 Batch: WG2087326-2 WG2087326-3									
Aroclor 1016	81		75		40-140	8		50	A
Aroclor 1260	77		71		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	A
Decachlorobiphenyl	81		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		82		30-150	B
Decachlorobiphenyl	71		68		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06,08-09,11-15 QC Batch ID: WG2087148-4 WG2087148-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)													
Aroclor 1016	ND	390	249	64		258	65		40-140	4		50	A
Aroclor 1260	ND	390	245	63		256	65		40-140	4		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		66		30-150	A
Decachlorobiphenyl	55		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		62		30-150	B
Decachlorobiphenyl	56		62		30-150	B

PESTICIDES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 00:12
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 18:34
Analyst: JAG
Percent Solids: 92%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.2	1	A
2,4,5-T	ND		ug/kg	177	5.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	90		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 00:24
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.760	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	ND		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.57	1	A
cis-Chlordane	5.69		ug/kg	2.28	0.635	1	A
trans-Chlordane	27.2	IP	ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**5570**	Q	30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 19:10
Analyst: JAG
Percent Solids: 87%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.90	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	83		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 00:37
Analyst: AKM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	B
Lindane	ND		ug/kg	0.840	0.375	1	B
Alpha-BHC	ND		ug/kg	0.840	0.238	1	B
Beta-BHC	ND		ug/kg	2.02	0.764	1	B
Heptachlor	ND		ug/kg	1.01	0.452	1	B
Aldrin	ND		ug/kg	2.02	0.709	1	B
Heptachlor epoxide	ND		ug/kg	3.78	1.13	1	B
Endrin	ND		ug/kg	0.840	0.344	1	B
Endrin aldehyde	ND		ug/kg	2.52	0.882	1	B
Endrin ketone	ND		ug/kg	2.02	0.519	1	B
Dieldrin	ND		ug/kg	1.26	0.630	1	B
4,4'-DDE	ND		ug/kg	2.02	0.466	1	B
4,4'-DDD	ND		ug/kg	2.02	0.719	1	B
4,4'-DDT	ND		ug/kg	2.02	1.62	1	B
Endosulfan I	ND		ug/kg	2.02	0.476	1	B
Endosulfan II	ND		ug/kg	2.02	0.673	1	B
Endosulfan sulfate	ND		ug/kg	0.840	0.400	1	B
Methoxychlor	ND		ug/kg	3.78	1.18	1	B
Toxaphene	ND		ug/kg	37.8	10.6	1	B
cis-Chlordane	ND		ug/kg	2.52	0.702	1	B
trans-Chlordane	ND		ug/kg	2.52	0.665	1	B
Chlordane	ND		ug/kg	16.8	6.67	1	B

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**524**	Q	30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**198**	Q	30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 19:28
Analyst: JAG
Percent Solids: 78%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	83		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 00:49
Analyst: AKM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.668	0.298	1	A
Alpha-BHC	ND		ug/kg	0.668	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.608	1	A
Heptachlor	ND		ug/kg	0.801	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.564	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.902	1	A
Endrin	ND		ug/kg	0.668	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.701	1	A
Endrin ketone	ND		ug/kg	1.60	0.413	1	A
Dieldrin	ND		ug/kg	1.00	0.501	1	A
4,4'-DDE	ND		ug/kg	1.60	0.371	1	A
4,4'-DDD	ND		ug/kg	1.60	0.572	1	A
4,4'-DDT	ND		ug/kg	1.60	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.379	1	A
Endosulfan II	ND		ug/kg	1.60	0.536	1	A
Endosulfan sulfate	ND		ug/kg	0.668	0.318	1	A
Methoxychlor	ND		ug/kg	3.00	0.935	1	A
Toxaphene	ND		ug/kg	30.0	8.42	1	A
cis-Chlordane	ND		ug/kg	2.00	0.558	1	A
trans-Chlordane	ND		ug/kg	2.00	0.529	1	A
Chlordane	ND		ug/kg	13.4	5.31	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**303**	Q	30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 19:46
Analyst: JAG
Percent Solids: 97%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	85		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 20:04
Analyst: JAG
Percent Solids: 84%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	86		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05 D
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 19:24
Analyst: JAG
Percent Solids: 84%

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.35	1.83	5	A
Lindane	ND		ug/kg	3.90	1.74	5	A
Alpha-BHC	ND		ug/kg	3.90	1.11	5	A
Beta-BHC	ND		ug/kg	9.35	3.54	5	A
Heptachlor	ND		ug/kg	4.68	2.10	5	A
Aldrin	ND		ug/kg	9.35	3.29	5	A
Heptachlor epoxide	ND		ug/kg	17.5	5.26	5	A
Endrin	ND		ug/kg	3.90	1.60	5	A
Endrin aldehyde	ND		ug/kg	11.7	4.09	5	A
Endrin ketone	ND		ug/kg	9.35	2.41	5	A
Dieldrin	ND		ug/kg	5.84	2.92	5	A
4,4'-DDE	ND		ug/kg	9.35	2.16	5	A
4,4'-DDD	ND		ug/kg	9.35	3.34	5	A
4,4'-DDT	ND		ug/kg	9.35	7.52	5	A
Endosulfan I	ND		ug/kg	9.35	2.21	5	A
Endosulfan II	ND		ug/kg	9.35	3.12	5	A
Endosulfan sulfate	ND		ug/kg	3.90	1.85	5	A
Methoxychlor	ND		ug/kg	17.5	5.45	5	A
Toxaphene	ND		ug/kg	175	49.1	5	A
cis-Chlordane	ND		ug/kg	11.7	3.26	5	A
trans-Chlordane	ND		ug/kg	11.7	3.08	5	A
Chlordane	ND		ug/kg	77.9	31.0	5	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05 D
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**36800**	Q	30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**204**	Q	30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 01:14
Analyst: AKM
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.22	0.434	1	A
Lindane	ND		ug/kg	0.924	0.413	1	A
Alpha-BHC	ND		ug/kg	0.924	0.262	1	A
Beta-BHC	ND		ug/kg	2.22	0.841	1	A
Heptachlor	ND		ug/kg	1.11	0.497	1	A
Aldrin	ND		ug/kg	2.22	0.781	1	A
Heptachlor epoxide	ND		ug/kg	4.16	1.25	1	A
Endrin	ND		ug/kg	0.924	0.379	1	A
Endrin aldehyde	ND		ug/kg	2.77	0.970	1	A
Endrin ketone	ND		ug/kg	2.22	0.571	1	A
Dieldrin	ND		ug/kg	1.39	0.693	1	A
4,4'-DDE	ND		ug/kg	2.22	0.513	1	A
4,4'-DDD	ND		ug/kg	2.22	0.791	1	A
4,4'-DDT	ND		ug/kg	2.22	1.78	1	A
Endosulfan I	ND		ug/kg	2.22	0.524	1	A
Endosulfan II	ND		ug/kg	2.22	0.741	1	A
Endosulfan sulfate	ND		ug/kg	0.924	0.440	1	A
Methoxychlor	ND		ug/kg	4.16	1.29	1	A
Toxaphene	ND		ug/kg	41.6	11.6	1	A
cis-Chlordane	ND		ug/kg	2.77	0.772	1	A
trans-Chlordane	2.96	IP	ug/kg	2.77	0.732	1	A
Chlordane	ND		ug/kg	18.5	7.35	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**415**	Q	30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 20:22
Analyst: JAG
Percent Solids: 69%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	240	15.1	1	A
2,4,5-T	ND		ug/kg	240	7.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	240	6.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	78		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 01:27
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.15	0.573	1	A
4,4'-DDE	ND		ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	15.3	6.07	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**1130**	Q	30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**169**	Q	30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 20:40
Analyst: JAG
Percent Solids: 86%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	84		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 01:39
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.787	0.352	1	A
Alpha-BHC	ND		ug/kg	0.787	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.716	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.665	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.787	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.826	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.590	1	A
4,4'-DDE	1.52	JIP	ug/kg	1.89	0.437	1	B
4,4'-DDD	ND		ug/kg	1.89	0.674	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.631	1	A
Endosulfan sulfate	ND		ug/kg	0.787	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.92	1	A
cis-Chlordane	ND		ug/kg	2.36	0.658	1	A
trans-Chlordane	ND	IP	ug/kg	2.36	0.623	1	A
Chlordane	ND		ug/kg	15.7	6.26	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/10/25 15:35
Analyst: EMR
Percent Solids: 83%
Methylation Date: 07/10/25 06:05

Extraction Method: EPA 8151A
Extraction Date: 07/09/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	82		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 01:52
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.80	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.02	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.80	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.80	0.418	1	A
4,4'-DDD	ND		ug/kg	1.80	0.644	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.427	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.48	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A
trans-Chlordane	6.15	IP	ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.0	5.98	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**231**	Q	30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 20:58
Analyst: JAG
Percent Solids: 86%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	84		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 21:16
Analyst: JAG
Percent Solids: 78%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	74		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10 D
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 19:37
Analyst: JAG
Percent Solids: 78%

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.84	1.93	5	A
Lindane	ND		ug/kg	4.10	1.83	5	A
Alpha-BHC	ND		ug/kg	4.10	1.16	5	A
Beta-BHC	ND		ug/kg	9.84	3.73	5	A
Heptachlor	ND		ug/kg	4.92	2.20	5	A
Aldrin	ND		ug/kg	9.84	3.46	5	A
Heptachlor epoxide	ND		ug/kg	18.4	5.53	5	A
Endrin	ND		ug/kg	4.10	1.68	5	A
Endrin aldehyde	ND		ug/kg	12.3	4.30	5	A
Endrin ketone	ND		ug/kg	9.84	2.53	5	A
Dieldrin	ND		ug/kg	6.15	3.07	5	A
4,4'-DDE	ND		ug/kg	9.84	2.27	5	A
4,4'-DDD	ND		ug/kg	9.84	3.51	5	A
4,4'-DDT	ND		ug/kg	9.84	7.91	5	A
Endosulfan I	ND		ug/kg	9.84	2.32	5	A
Endosulfan II	ND		ug/kg	9.84	3.29	5	A
Endosulfan sulfate	ND		ug/kg	4.10	1.95	5	A
Methoxychlor	ND		ug/kg	18.4	5.74	5	A
Toxaphene	ND		ug/kg	184	51.6	5	A
cis-Chlordane	ND		ug/kg	12.3	3.43	5	A
trans-Chlordane	ND		ug/kg	12.3	3.25	5	A
Chlordane	ND		ug/kg	82.0	32.6	5	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10 D
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**2990**	Q	30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**152**	Q	30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/11/25 10:46
Analyst: EJL
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/10/25 16:53
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.393	1	A
Lindane	ND		ug/kg	0.836	0.374	1	A
Alpha-BHC	ND		ug/kg	0.836	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	ND		ug/kg	1.00	0.450	1	A
Aldrin	ND		ug/kg	2.00	0.706	1	A
Heptachlor epoxide	ND		ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.836	0.343	1	A
Endrin aldehyde	ND		ug/kg	2.51	0.878	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	ND		ug/kg	1.25	0.627	1	A
4,4'-DDE	ND		ug/kg	2.00	0.464	1	A
4,4'-DDD	3.84		ug/kg	2.00	0.715	1	B
4,4'-DDT	ND	IP	ug/kg	2.00	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.474	1	A
Endosulfan II	ND		ug/kg	2.00	0.670	1	A
Endosulfan sulfate	ND		ug/kg	0.836	0.398	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	ND		ug/kg	2.51	0.699	1	A
trans-Chlordane	ND		ug/kg	2.51	0.662	1	A
Chlordane	ND		ug/kg	16.7	6.64	1	A

Project Name: 601-607 UNION ST **Lab Number:** L2541710

Project Number: 25030019 **Report Date:** 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11 Date Collected: 07/02/25 08:15

Client ID: 25SB-5 (0-2) Date Received: 07/02/25

Sample Location: BKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/25 21:53
Analyst: JAG
Percent Solids: 77%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	90		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 03:08
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	B
Lindane	ND		ug/kg	0.748	0.334	1	B
Alpha-BHC	ND		ug/kg	0.748	0.212	1	B
Beta-BHC	ND		ug/kg	1.80	0.681	1	B
Heptachlor	ND		ug/kg	0.898	0.402	1	B
Aldrin	ND		ug/kg	1.80	0.632	1	B
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	B
Endrin	ND		ug/kg	0.748	0.307	1	B
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	B
Endrin ketone	ND		ug/kg	1.80	0.462	1	B
Dieldrin	ND		ug/kg	1.12	0.561	1	B
4,4'-DDE	ND		ug/kg	1.80	0.415	1	B
4,4'-DDD	ND		ug/kg	1.80	0.640	1	B
4,4'-DDT	ND		ug/kg	1.80	1.44	1	B
Endosulfan I	ND		ug/kg	1.80	0.424	1	B
Endosulfan II	ND		ug/kg	1.80	0.600	1	B
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	B
Methoxychlor	ND		ug/kg	3.37	1.05	1	B
Toxaphene	ND		ug/kg	33.7	9.42	1	B
cis-Chlordane	ND		ug/kg	2.24	0.625	1	B
trans-Chlordane	ND		ug/kg	2.24	0.592	1	B
Chlordane	ND		ug/kg	15.0	5.95	1	B

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**1710**	Q	30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**172**	Q	30-150	B
Decachlorobiphenyl	**172**	Q	30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/09/25 05:47
Analyst: JAG
Percent Solids: 84%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	68		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 03:26
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.700	1	A
Heptachlor	ND		ug/kg	0.922	0.414	1	A
Aldrin	ND		ug/kg	1.84	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.427	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.31	0.643	1	A
trans-Chlordane	ND		ug/kg	2.31	0.609	1	A
Chlordane	ND		ug/kg	15.4	6.11	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	143		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	**12**	Q	30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/09/25 06:05
Analyst: JAG
Percent Solids: 83%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	70		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/09/25 06:23
Analyst: JAG
Percent Solids: 91%
Methylation Date: 07/08/25 14:51

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.57	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	88		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 19:49
Analyst: JAG
Percent Solids: 91%

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.9	3.31	10	B
Lindane	ND		ug/kg	7.04	3.15	10	B
Alpha-BHC	ND		ug/kg	7.04	2.00	10	B
Beta-BHC	ND		ug/kg	16.9	6.40	10	B
Heptachlor	ND		ug/kg	8.45	3.79	10	B
Aldrin	ND		ug/kg	16.9	5.95	10	B
Heptachlor epoxide	ND		ug/kg	31.7	9.50	10	B
Endrin	ND		ug/kg	7.04	2.89	10	B
Endrin aldehyde	ND		ug/kg	21.1	7.39	10	B
Endrin ketone	ND		ug/kg	16.9	4.35	10	B
Dieldrin	ND		ug/kg	10.6	5.28	10	B
4,4'-DDE	ND		ug/kg	16.9	3.91	10	B
4,4'-DDD	ND		ug/kg	16.9	6.02	10	B
4,4'-DDT	ND		ug/kg	16.9	13.6	10	B
Endosulfan I	ND		ug/kg	16.9	3.99	10	B
Endosulfan II	ND		ug/kg	16.9	5.64	10	B
Endosulfan sulfate	ND		ug/kg	7.04	3.35	10	B
Methoxychlor	ND		ug/kg	31.7	9.85	10	B
Toxaphene	ND		ug/kg	317	88.7	10	B
cis-Chlordane	ND		ug/kg	21.1	5.88	10	B
trans-Chlordane	ND		ug/kg	21.1	5.58	10	B
Chlordane	ND		ug/kg	141	56.0	10	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14 D
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**892**	Q	30-150	A
Decachlorobiphenyl	**7**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**186**	Q	30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/09/25 03:51
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.692	1	A
Heptachlor	ND		ug/kg	0.913	0.409	1	A
Aldrin	ND		ug/kg	1.83	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.422	1	A
4,4'-DDD	ND		ug/kg	1.83	0.651	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.431	1	A
Endosulfan II	ND		ug/kg	1.83	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.59	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: 601-607 UNION ST
Lab Number: L2541710
Project Number: 25030019
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**1560**	Q	30-150	A
Decachlorobiphenyl	**9**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/10/25 15:53
Analyst: EMR
Percent Solids: 87%
Methylation Date: 07/10/25 06:05

Extraction Method: EPA 8151A
Extraction Date: 07/09/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	84		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/25 22:32
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12-15 Batch: WG2087151-1						
Delta-BHC	ND		ug/kg	1.50	0.294	A
Lindane	ND		ug/kg	0.626	0.280	A
Alpha-BHC	ND		ug/kg	0.626	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.569	A
Heptachlor	ND		ug/kg	0.751	0.337	A
Aldrin	ND		ug/kg	1.50	0.529	A
Heptachlor epoxide	ND		ug/kg	2.82	0.845	A
Endrin	ND		ug/kg	0.626	0.256	A
Endrin aldehyde	ND		ug/kg	1.88	0.657	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.939	0.469	A
4,4'-DDE	ND		ug/kg	1.50	0.347	A
4,4'-DDD	ND		ug/kg	1.50	0.536	A
4,4'-DDT	ND		ug/kg	1.50	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.502	A
Endosulfan sulfate	ND		ug/kg	0.626	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.876	A
Toxaphene	ND		ug/kg	28.2	7.88	A
cis-Chlordane	ND		ug/kg	1.88	0.523	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.5	4.97	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/25 22:32
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/06/25 02:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12-15 Batch: WG2087151-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/07/25 14:55
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/07/25 00:12

Methylation Date: 07/07/25 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-07,09-14 Batch: WG2087325-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	86		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/10/25 08:21
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 07/09/25 14:44

Methylation Date: 07/10/25 06:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 08,15 Batch: WG2088655-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	75		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/25 10:11
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/10/25 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG2089228-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.635	0.284	A
Alpha-BHC	ND		ug/kg	0.635	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.578	A
Heptachlor	ND		ug/kg	0.762	0.342	A
Aldrin	ND		ug/kg	1.52	0.536	A
Heptachlor epoxide	ND		ug/kg	2.86	0.857	A
Endrin	ND		ug/kg	0.635	0.260	A
Endrin aldehyde	ND		ug/kg	1.90	0.667	A
Endrin ketone	ND		ug/kg	1.52	0.392	A
Dieldrin	ND		ug/kg	0.952	0.476	A
4,4'-DDE	ND		ug/kg	1.52	0.352	A
4,4'-DDD	ND		ug/kg	1.52	0.543	A
4,4'-DDT	ND		ug/kg	1.52	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.360	A
Endosulfan II	ND		ug/kg	1.52	0.509	A
Endosulfan sulfate	ND		ug/kg	0.635	0.302	A
Methoxychlor	ND		ug/kg	2.86	0.889	A
Toxaphene	ND		ug/kg	28.6	8.00	A
cis-Chlordane	ND		ug/kg	1.90	0.531	A
trans-Chlordane	ND		ug/kg	1.90	0.503	A
Chlordane	ND		ug/kg	12.7	5.05	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/25 10:11
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/10/25 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG2089228-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12-15 Batch: WG2087151-2 WG2087151-3									
Delta-BHC	74		75		30-150	1		30	A
Lindane	77		77		30-150	0		30	A
Alpha-BHC	78		78		30-150	0		30	A
Beta-BHC	72		72		30-150	0		30	A
Heptachlor	82		83		30-150	1		30	A
Aldrin	78		78		30-150	0		30	A
Heptachlor epoxide	57		57		30-150	0		30	A
Endrin	84		86		30-150	2		30	A
Endrin aldehyde	70		69		30-150	1		30	A
Endrin ketone	86		89		30-150	3		30	A
Dieldrin	82		81		30-150	1		30	A
4,4'-DDE	80		78		30-150	3		30	A
4,4'-DDD	87		89		30-150	2		30	A
4,4'-DDT	86		87		30-150	1		30	A
Endosulfan I	77		76		30-150	1		30	A
Endosulfan II	80		82		30-150	2		30	A
Endosulfan sulfate	82		84		30-150	2		30	A
Methoxychlor	82		85		30-150	4		30	A
cis-Chlordane	75		73		30-150	3		30	A
trans-Chlordane	88		88		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12-15 Batch: WG2087151-2 WG2087151-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		62		30-150	A
Decachlorobiphenyl	51		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		59		30-150	B
Decachlorobiphenyl	65		59		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-07,09-14 Batch: WG2087325-2 WG2087325-3									
2,4-D	98		101		30-150	3		30	A
2,4,5-T	105		109		30-150	4		30	A
2,4,5-TP (Silvex)	92		97		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	94		96		30-150	A
DCAA	93		96		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08,15 Batch: WG2088655-2 WG2088655-3									
2,4-D	71		70		30-150	1		30	A
2,4,5-T	80		76		30-150	5		30	A
2,4,5-TP (Silvex)	81		77		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	79		80		30-150	A
DCAA	87		86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG2089228-2 WG2089228-3									
Delta-BHC	76		81		30-150	6		30	A
Lindane	86		92		30-150	7		30	A
Alpha-BHC	81		87		30-150	7		30	A
Beta-BHC	83		88		30-150	6		30	A
Heptachlor	90		96		30-150	6		30	A
Aldrin	84		90		30-150	7		30	A
Heptachlor epoxide	78		84		30-150	7		30	A
Endrin	88		93		30-150	6		30	A
Endrin aldehyde	67		69		30-150	3		30	A
Endrin ketone	89		95		30-150	7		30	A
Dieldrin	88		94		30-150	7		30	A
4,4'-DDE	80		86		30-150	7		30	A
4,4'-DDD	90		96		30-150	6		30	A
4,4'-DDT	98		104		30-150	6		30	A
Endosulfan I	80		86		30-150	7		30	A
Endosulfan II	86		91		30-150	6		30	A
Endosulfan sulfate	80		84		30-150	5		30	A
Methoxychlor	84		89		30-150	6		30	A
cis-Chlordane	76		82		30-150	8		30	A
trans-Chlordane	89		94		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG2089228-2 WG2089228-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		95		30-150	A
Decachlorobiphenyl	79		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		97		30-150	B
Decachlorobiphenyl	78		83		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2541710

Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-07,09-14 QC Batch ID: WG2087325-4 WG2087325-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)													
2,4-D	ND	214	171J	80		201J	93		30-150	16		30	A
2,4,5-T	ND	214	187J	87		216	100		30-150	14		30	A
2,4,5-TP (Silvex)	ND	214	200J	93		216	100		30-150	8		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	75		91		30-150	A
DCAA	76		93		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 QC Batch ID: WG2089228-4 WG2089228-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)													
Delta-BHC	ND	42.6	19.2	45		22.6	54		30-150	16		50	A
Lindane	ND	42.6	22.0	52		26.3	63		30-150	18		50	A
Alpha-BHC	ND	42.6	24.6	58		30.4	73		30-150	21		50	A
Beta-BHC	ND	42.6	21.7	51		27.3	66		30-150	23		50	A
Heptachlor	ND	42.6	23.5	55		27.9	67		30-150	17		50	A
Aldrin	ND	42.6	21.6	51		26.2	63		30-150	19		50	A
Heptachlor epoxide	ND	42.6	20.4	48		24.8	60		30-150	19		50	A
Endrin	ND	42.6	72.5P	**170**	Q	106P	**255**	Q	30-150	38		50	A
Endrin aldehyde	ND	42.6	17.2	40		20.2	49		30-150	16		50	A
Endrin ketone	ND	42.6	24.8	58		28.9	70		30-150	15		50	A
Dieldrin	ND	42.6	23.3	55		28.0	67		30-150	18		50	A
4,4'-DDE	ND	42.6	20.9	49		25.4	61		30-150	19		50	A
4,4'-DDD	3.84	42.6	33.3	69		39.1	85		30-150	16		50	B
4,4'-DDT	NDIP	42.6	29.6	69		33.6	81		30-150	13		50	B
Endosulfan I	ND	42.6	20.2	47		24.2	58		30-150	18		50	A
Endosulfan II	ND	42.6	21.3	50		25.6	62		30-150	18		50	A
Endosulfan sulfate	ND	42.6	24.7	58		29.0	70		30-150	16		50	A
Methoxychlor	ND	42.6	21.0	49		22.4	54		30-150	6		50	A
cis-Chlordane	ND	42.6	20.7	49		25.1	60		30-150	19		50	A
trans-Chlordane	ND	42.6	23.0	54		27.4	66		30-150	17		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 QC Batch ID: WG2089228-4 WG2089228-5 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		79		30-150	A
Decachlorobiphenyl	58		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		80		30-150	B
Decachlorobiphenyl	63		72		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1550		mg/kg	8.34	2.71	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.17	3.21	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.47		mg/kg	0.834	0.360	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Barium, Total	63.9		mg/kg	0.834	0.088	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.148	J	mg/kg	0.417	0.046	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.079	J	mg/kg	0.834	0.046	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Calcium, Total	1060		mg/kg	8.34	4.73	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Chromium, Total	4.44		mg/kg	0.834	0.708	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.00		mg/kg	1.67	0.207	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Copper, Total	61.9		mg/kg	0.834	0.189	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Iron, Total	5800		mg/kg	4.17	0.876	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Lead, Total	428		mg/kg	4.17	0.198	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Magnesium, Total	382		mg/kg	8.34	1.36	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Manganese, Total	40.0		mg/kg	0.834	0.447	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Mercury, Total	0.324		mg/kg	0.086	0.056	1	07/12/25 07:49	07/13/25 15:17	EPA 7471B	1,7471B	CME
Nickel, Total	7.47		mg/kg	2.08	0.674	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Potassium, Total	261		mg/kg	208	42.3	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Selenium, Total	0.568	J	mg/kg	1.67	0.274	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.417	0.249	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Sodium, Total	104	J	mg/kg	167	88.4	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.67	0.752	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Vanadium, Total	7.64		mg/kg	0.834	0.126	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM
Zinc, Total	84.8		mg/kg	4.17	0.506	2	07/11/25 21:47	07/12/25 18:44	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 87%

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4660		mg/kg	8.95	2.91	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.47	3.44	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.65		mg/kg	0.895	0.386	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Barium, Total	93.5		mg/kg	0.895	0.095	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.262	J	mg/kg	0.447	0.049	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.063	J	mg/kg	0.895	0.049	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Calcium, Total	3530		mg/kg	8.95	5.07	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Chromium, Total	11.8		mg/kg	0.895	0.759	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.07		mg/kg	1.79	0.222	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Copper, Total	17.4		mg/kg	0.895	0.203	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Iron, Total	10900		mg/kg	4.47	0.940	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Lead, Total	156		mg/kg	4.47	0.213	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Magnesium, Total	1870		mg/kg	8.95	1.46	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Manganese, Total	205		mg/kg	0.895	0.480	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Mercury, Total	5.12		mg/kg	0.175	0.114	2	07/12/25 07:49	07/13/25 16:23	EPA 7471B	1,7471B	CME
Nickel, Total	15.4		mg/kg	2.24	0.723	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Potassium, Total	614		mg/kg	224	45.4	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Selenium, Total	0.702	J	mg/kg	1.79	0.294	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.447	0.267	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Sodium, Total	110	J	mg/kg	179	94.8	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.79	0.807	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Vanadium, Total	13.8		mg/kg	0.895	0.135	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM
Zinc, Total	153		mg/kg	4.47	0.542	2	07/11/25 21:47	07/12/25 18:47	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6060		mg/kg	9.89	3.22	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.95	3.81	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Arsenic, Total	14.3		mg/kg	0.989	0.427	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Barium, Total	128		mg/kg	0.989	0.105	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.367	J	mg/kg	0.495	0.054	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.989	0.054	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Calcium, Total	19900		mg/kg	9.89	5.61	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Chromium, Total	24.9		mg/kg	0.989	0.839	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.74		mg/kg	1.98	0.245	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Copper, Total	90.2		mg/kg	0.989	0.224	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Iron, Total	15600		mg/kg	4.95	1.04	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Lead, Total	766		mg/kg	4.95	0.235	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Magnesium, Total	2620		mg/kg	9.89	1.61	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Manganese, Total	262		mg/kg	0.989	0.530	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Mercury, Total	9.05		mg/kg	0.813	0.530	10	07/12/25 07:49	07/13/25 16:26	EPA 7471B	1,7471B	CME
Nickel, Total	21.7		mg/kg	2.47	0.799	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Potassium, Total	1070		mg/kg	247	50.2	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Selenium, Total	0.505	J	mg/kg	1.98	0.325	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.495	0.295	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Sodium, Total	190	J	mg/kg	198	105.	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.98	0.892	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Vanadium, Total	21.2		mg/kg	0.989	0.149	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM
Zinc, Total	446		mg/kg	4.95	0.599	2	07/11/25 21:47	07/12/25 18:51	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3400		mg/kg	8.13	2.64	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.06	3.13	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Arsenic, Total	7.92		mg/kg	0.813	0.351	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Barium, Total	114		mg/kg	0.813	0.086	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.341	J	mg/kg	0.406	0.045	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.222	J	mg/kg	0.813	0.045	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Calcium, Total	11700		mg/kg	8.13	4.61	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Chromium, Total	8.75		mg/kg	0.813	0.690	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.45		mg/kg	1.63	0.202	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Copper, Total	43.3		mg/kg	0.813	0.184	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Iron, Total	8230		mg/kg	4.06	0.854	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Lead, Total	513		mg/kg	4.06	0.194	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Magnesium, Total	4540		mg/kg	8.13	1.32	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Manganese, Total	294		mg/kg	0.813	0.436	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Mercury, Total	0.905		mg/kg	0.073	0.048	1	07/12/25 07:49	07/13/25 15:37	EPA 7471B	1,7471B	CME
Nickel, Total	10.5		mg/kg	2.03	0.657	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Potassium, Total	569		mg/kg	203	41.2	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Selenium, Total	0.594	J	mg/kg	1.63	0.268	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Silver, Total	0.347	J	mg/kg	0.406	0.242	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Sodium, Total	285		mg/kg	163	86.2	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.63	0.734	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Vanadium, Total	14.0		mg/kg	0.813	0.123	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM
Zinc, Total	163		mg/kg	4.06	0.493	2	07/11/25 21:47	07/12/25 19:04	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	3570		mg/kg	9.31	3.02	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.65	3.58	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.15		mg/kg	0.931	0.402	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Barium, Total	50.4		mg/kg	0.931	0.099	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.200	J	mg/kg	0.465	0.051	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.931	0.051	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Calcium, Total	24400		mg/kg	9.31	5.28	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Chromium, Total	9.24		mg/kg	0.931	0.789	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.03		mg/kg	1.86	0.231	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Copper, Total	25.4		mg/kg	0.931	0.211	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Iron, Total	10300		mg/kg	4.65	0.977	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Lead, Total	122		mg/kg	4.65	0.222	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Magnesium, Total	1480		mg/kg	9.31	1.52	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Manganese, Total	182		mg/kg	0.931	0.499	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Mercury, Total	0.126		mg/kg	0.078	0.051	1	07/12/25 07:49	07/13/25 15:40	EPA 7471B	1,7471B	CME
Nickel, Total	6.86		mg/kg	2.33	0.752	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Potassium, Total	741		mg/kg	233	47.2	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.86	0.306	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.465	0.277	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Sodium, Total	481		mg/kg	186	98.7	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.86	0.840	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Vanadium, Total	10.2		mg/kg	0.931	0.140	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM
Zinc, Total	68.0		mg/kg	4.65	0.564	2	07/11/25 21:47	07/12/25 19:08	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1060		mg/kg	11.1	3.60	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	5.54	4.27	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Arsenic, Total	5.22		mg/kg	1.11	0.479	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Barium, Total	73.3		mg/kg	1.11	0.117	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.104	J	mg/kg	0.554	0.061	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.394	J	mg/kg	1.11	0.061	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Calcium, Total	693		mg/kg	11.1	6.28	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Chromium, Total	4.76		mg/kg	1.11	0.940	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Cobalt, Total	1.62	J	mg/kg	2.22	0.275	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Copper, Total	32.7		mg/kg	1.11	0.252	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Iron, Total	4080		mg/kg	5.54	1.16	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Lead, Total	228		mg/kg	5.54	0.264	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Magnesium, Total	291		mg/kg	11.1	1.81	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Manganese, Total	36.7		mg/kg	1.11	0.594	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Mercury, Total	1.37		mg/kg	0.110	0.072	1	07/12/25 07:49	07/13/25 15:43	EPA 7471B	1,7471B	CME
Nickel, Total	5.06		mg/kg	2.77	0.895	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Potassium, Total	197	J	mg/kg	277	56.2	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Selenium, Total	0.599	J	mg/kg	2.22	0.364	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Silver, Total	0.724		mg/kg	0.554	0.330	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	222	117.	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	2.22	1.00	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Vanadium, Total	5.90		mg/kg	1.11	0.167	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM
Zinc, Total	112		mg/kg	5.54	0.672	2	07/11/25 21:47	07/12/25 19:11	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	2600		mg/kg	8.78	2.85	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.39	3.38	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.56		mg/kg	0.878	0.379	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Barium, Total	65.6		mg/kg	0.878	0.093	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.151	J	mg/kg	0.439	0.048	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.878	0.048	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Calcium, Total	24200		mg/kg	8.78	4.98	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Chromium, Total	7.18		mg/kg	0.878	0.744	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.53		mg/kg	1.76	0.218	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Copper, Total	22.1		mg/kg	0.878	0.199	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Iron, Total	6460		mg/kg	4.39	0.922	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Lead, Total	140		mg/kg	4.39	0.209	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Magnesium, Total	2550		mg/kg	8.78	1.43	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Manganese, Total	421		mg/kg	0.878	0.470	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Mercury, Total	0.690		mg/kg	0.087	0.057	1	07/12/25 07:49	07/13/25 15:47	EPA 7471B	1,7471B	CME
Nickel, Total	10.7		mg/kg	2.19	0.709	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Potassium, Total	447		mg/kg	219	44.5	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.76	0.289	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.439	0.262	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Sodium, Total	150	J	mg/kg	176	93.0	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.76	0.792	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Vanadium, Total	11.0		mg/kg	0.878	0.132	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM
Zinc, Total	53.7		mg/kg	4.39	0.532	2	07/11/25 21:47	07/12/25 19:15	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3930		mg/kg	9.50	3.09	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.75	3.66	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Arsenic, Total	6.75		mg/kg	0.950	0.410	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Barium, Total	92.3		mg/kg	0.950	0.101	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.231	J	mg/kg	0.475	0.052	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.950	0.052	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Calcium, Total	24600		mg/kg	9.50	5.38	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Chromium, Total	14.8		mg/kg	0.950	0.805	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.97		mg/kg	1.90	0.236	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Copper, Total	37.3		mg/kg	0.950	0.216	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Iron, Total	8750		mg/kg	4.75	0.997	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Lead, Total	563		mg/kg	4.75	0.226	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Magnesium, Total	1270		mg/kg	9.50	1.55	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Manganese, Total	143		mg/kg	0.950	0.509	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Mercury, Total	2.56		mg/kg	0.097	0.063	1	07/12/25 07:49	07/13/25 15:50	EPA 7471B	1,7471B	CME
Nickel, Total	10.6		mg/kg	2.37	0.767	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Potassium, Total	641		mg/kg	237	48.2	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Selenium, Total	0.826	J	mg/kg	1.90	0.312	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Silver, Total	0.487		mg/kg	0.475	0.283	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Sodium, Total	531		mg/kg	190	101.	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.90	0.857	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Vanadium, Total	13.2		mg/kg	0.950	0.143	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM
Zinc, Total	95.4		mg/kg	4.75	0.576	2	07/11/25 21:47	07/12/25 19:18	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3980		mg/kg	8.89	2.89	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.44	3.42	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Arsenic, Total	7.24		mg/kg	0.889	0.384	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Barium, Total	148		mg/kg	0.889	0.094	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.266	J	mg/kg	0.444	0.049	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.889	0.049	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Calcium, Total	11300		mg/kg	8.89	5.04	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Chromium, Total	12.2		mg/kg	0.889	0.754	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.86		mg/kg	1.78	0.220	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Copper, Total	58.9		mg/kg	0.889	0.202	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Iron, Total	11400		mg/kg	4.44	0.933	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Lead, Total	2570		mg/kg	4.44	0.212	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Magnesium, Total	2080		mg/kg	8.89	1.45	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Manganese, Total	188		mg/kg	0.889	0.476	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Mercury, Total	3.29		mg/kg	0.156	0.102	2	07/12/25 07:49	07/13/25 16:30	EPA 7471B	1,7471B	CME
Nickel, Total	18.6		mg/kg	2.22	0.718	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Potassium, Total	766		mg/kg	222	45.1	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Selenium, Total	1.03	J	mg/kg	1.78	0.292	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.444	0.265	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Sodium, Total	234		mg/kg	178	94.2	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.78	0.802	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Vanadium, Total	14.2		mg/kg	0.889	0.134	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM
Zinc, Total	151		mg/kg	4.44	0.539	2	07/11/25 21:47	07/12/25 19:22	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4820		mg/kg	9.91	3.22	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.96	3.82	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Arsenic, Total	11.8		mg/kg	0.991	0.428	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Barium, Total	647		mg/kg	0.991	0.105	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.262	J	mg/kg	0.496	0.055	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.991	0.055	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Calcium, Total	29700		mg/kg	9.91	5.62	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Chromium, Total	69.6		mg/kg	0.991	0.840	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.96		mg/kg	1.98	0.246	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Copper, Total	89.4		mg/kg	0.991	0.225	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Iron, Total	20700		mg/kg	4.96	1.04	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Lead, Total	10000		mg/kg	24.8	1.18	10	07/11/25 21:47	07/12/25 20:06	EPA 3050B	1,6010D	EFM
Magnesium, Total	1710		mg/kg	9.91	1.62	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Manganese, Total	189		mg/kg	0.991	0.531	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Mercury, Total	6.82		mg/kg	0.184	0.120	2	07/12/25 07:49	07/13/25 16:33	EPA 7471B	1,7471B	CME
Nickel, Total	14.9		mg/kg	2.48	0.801	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Potassium, Total	838		mg/kg	248	50.2	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Selenium, Total	1.12	J	mg/kg	1.98	0.326	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Silver, Total	0.679		mg/kg	0.496	0.295	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Sodium, Total	362		mg/kg	198	105.	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.98	0.894	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Vanadium, Total	15.9		mg/kg	0.991	0.150	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM
Zinc, Total	266		mg/kg	4.96	0.600	2	07/11/25 21:47	07/12/25 19:25	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1130		mg/kg	10.2	3.32	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	5.11	3.93	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.78		mg/kg	1.02	0.442	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Barium, Total	42.3		mg/kg	1.02	0.108	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.077	J	mg/kg	0.511	0.056	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.122	J	mg/kg	1.02	0.056	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Calcium, Total	1880		mg/kg	10.2	5.79	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Chromium, Total	4.60		mg/kg	1.02	0.867	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.16		mg/kg	2.04	0.253	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Copper, Total	33.7		mg/kg	1.02	0.232	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Iron, Total	4430		mg/kg	5.11	1.07	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Lead, Total	134		mg/kg	5.11	0.243	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Magnesium, Total	326		mg/kg	10.2	1.66	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Manganese, Total	103		mg/kg	1.02	0.548	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Mercury, Total	0.354		mg/kg	0.099	0.065	1	07/12/25 07:49	07/13/25 15:07	EPA 7471B	1,7471B	CME
Nickel, Total	8.57		mg/kg	2.56	0.826	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Potassium, Total	455		mg/kg	256	51.8	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Selenium, Total	1.42	J	mg/kg	2.04	0.336	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.511	0.304	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Sodium, Total	340		mg/kg	204	108.	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	2.04	0.922	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Vanadium, Total	9.26		mg/kg	1.02	0.154	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM
Zinc, Total	59.9		mg/kg	5.11	0.619	2	07/11/25 21:47	07/12/25 18:27	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 84%

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	946		mg/kg	9.34	3.04	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.67	3.60	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Arsenic, Total	1.88		mg/kg	0.934	0.404	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Barium, Total	44.2		mg/kg	0.934	0.099	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.084	J	mg/kg	0.467	0.051	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.934	0.051	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Calcium, Total	13200		mg/kg	9.34	5.30	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Chromium, Total	3.34		mg/kg	0.934	0.792	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.24		mg/kg	1.87	0.232	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Copper, Total	5.06		mg/kg	0.934	0.212	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Iron, Total	4990		mg/kg	4.67	0.981	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Lead, Total	273		mg/kg	4.67	0.222	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Magnesium, Total	698		mg/kg	9.34	1.52	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Manganese, Total	215		mg/kg	0.934	0.501	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Mercury, Total	3.68		mg/kg	0.096	0.063	1	07/12/25 07:49	07/13/25 16:00	EPA 7471B	1,7471B	CME
Nickel, Total	5.64		mg/kg	2.34	0.755	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Potassium, Total	115	J	mg/kg	234	47.4	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.87	0.307	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.467	0.278	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	187	99.0	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.87	0.843	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Vanadium, Total	3.71		mg/kg	0.934	0.141	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM
Zinc, Total	145		mg/kg	4.67	0.566	2	07/11/25 21:47	07/12/25 19:28	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2040		mg/kg	9.34	3.04	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.67	3.60	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Arsenic, Total	7.60		mg/kg	0.934	0.404	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Barium, Total	128		mg/kg	0.934	0.099	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.165	J	mg/kg	0.467	0.051	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.413	J	mg/kg	0.934	0.051	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Calcium, Total	4650		mg/kg	9.34	5.30	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Chromium, Total	7.08		mg/kg	0.934	0.792	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.51		mg/kg	1.87	0.232	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Copper, Total	64.8		mg/kg	0.934	0.212	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Iron, Total	10300		mg/kg	4.67	0.981	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Lead, Total	1360		mg/kg	4.67	0.222	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Magnesium, Total	685		mg/kg	9.34	1.52	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Manganese, Total	80.9		mg/kg	0.934	0.501	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Mercury, Total	1.68		mg/kg	0.095	0.062	1	07/12/25 07:49	07/13/25 16:10	EPA 7471B	1,7471B	CME
Nickel, Total	10.4		mg/kg	2.34	0.755	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Potassium, Total	287		mg/kg	234	47.4	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Selenium, Total	0.697	J	mg/kg	1.87	0.307	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.467	0.278	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Sodium, Total	283		mg/kg	187	99.0	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.87	0.843	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Vanadium, Total	9.07		mg/kg	0.934	0.141	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM
Zinc, Total	91.5		mg/kg	4.67	0.566	2	07/11/25 21:47	07/12/25 19:32	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4140		mg/kg	8.54	2.77	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.27	3.29	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Arsenic, Total	5.46		mg/kg	0.854	0.369	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Barium, Total	70.0		mg/kg	0.854	0.091	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.310	J	mg/kg	0.427	0.047	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.089	J	mg/kg	0.854	0.047	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Calcium, Total	1470		mg/kg	8.54	4.84	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Chromium, Total	7.81		mg/kg	0.854	0.724	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.76		mg/kg	1.71	0.212	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Copper, Total	16.0		mg/kg	0.854	0.194	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Iron, Total	8660		mg/kg	4.27	0.896	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Lead, Total	244		mg/kg	4.27	0.203	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Magnesium, Total	1100		mg/kg	8.54	1.39	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Manganese, Total	137		mg/kg	0.854	0.458	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Mercury, Total	0.853		mg/kg	0.088	0.058	1	07/12/25 07:49	07/13/25 16:13	EPA 7471B	1,7471B	CME
Nickel, Total	8.50		mg/kg	2.13	0.690	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Potassium, Total	494		mg/kg	213	43.3	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.71	0.281	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.427	0.254	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Sodium, Total	455		mg/kg	171	90.5	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.71	0.770	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Vanadium, Total	14.1		mg/kg	0.854	0.129	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM
Zinc, Total	87.9		mg/kg	4.27	0.517	2	07/11/25 21:47	07/12/25 19:35	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4840		mg/kg	8.71	2.83	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Antimony, Total	6.78		mg/kg	4.36	3.35	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Arsenic, Total	18.4		mg/kg	0.871	0.376	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Barium, Total	219		mg/kg	0.871	0.092	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.340	J	mg/kg	0.436	0.048	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Cadmium, Total	1.30		mg/kg	0.871	0.048	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Calcium, Total	6570		mg/kg	8.71	4.94	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Chromium, Total	20.0		mg/kg	0.871	0.739	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.83		mg/kg	1.74	0.216	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Copper, Total	181		mg/kg	0.871	0.198	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Iron, Total	23500		mg/kg	4.36	0.915	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Lead, Total	1350		mg/kg	4.36	0.207	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Magnesium, Total	1230		mg/kg	8.71	1.42	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Manganese, Total	160		mg/kg	0.871	0.467	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Mercury, Total	6.34		mg/kg	0.173	0.113	2	07/12/25 07:49	07/14/25 07:05	EPA 7471B	1,7471B	CME
Nickel, Total	21.4		mg/kg	2.18	0.704	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Potassium, Total	1060		mg/kg	218	44.2	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Selenium, Total	0.831	J	mg/kg	1.74	0.286	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Silver, Total	0.707		mg/kg	0.436	0.260	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Sodium, Total	725		mg/kg	174	92.3	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.74	0.786	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Vanadium, Total	20.8		mg/kg	0.871	0.132	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM
Zinc, Total	278		mg/kg	4.36	0.528	2	07/11/25 21:47	07/12/25 20:09	EPA 3050B	1,6010D	EFM

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-15 Batch: WG2089636-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Iron, Total	1.31	J	mg/kg	2.00	0.420	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	07/11/25 21:47	07/12/25 18:20	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-15 Batch: WG2089642-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/12/25 07:49	07/13/25 15:01	1,7471B	CME

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG2089636-2								
Aluminum, Total	112		-		80-120	-		
Antimony, Total	107		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	111		-		80-120	-		
Beryllium, Total	111		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	111		-		80-120	-		
Cobalt, Total	108		-		80-120	-		
Copper, Total	111		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	108		-		80-120	-		
Magnesium, Total	111		-		80-120	-		
Manganese, Total	108		-		80-120	-		
Nickel, Total	110		-		80-120	-		
Potassium, Total	115		-		80-120	-		
Selenium, Total	111		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	117		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	114		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG2089636-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG2089642-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2089636-3 WG2089636-4 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)												
Aluminum, Total	1130	203	1490	**177**	Q	1490	**180**	Q	75-125	0		20
Antimony, Total	ND	50.7	32.8	**65**	Q	36.5	**73**	Q	75-125	11		20
Arsenic, Total	4.78	12.2	15.9	91		16.5	98		75-125	4		20
Barium, Total	42.3	203	232	94		242	100		75-125	4		20
Beryllium, Total	0.077J	5.07	4.75	94		5.11	102		75-125	7		20
Cadmium, Total	0.122J	5.37	4.87	91		5.18	98		75-125	6		20
Calcium, Total	1880	1010	3000	110		2900	102		75-125	3		20
Chromium, Total	4.60	20.3	22.4	88		23.6	95		75-125	5		20
Cobalt, Total	3.16	50.7	49.0	90		52.2	98		75-125	6		20
Copper, Total	33.7	25.4	58.8	99		60.2	106		75-125	2		20
Iron, Total	4430	101	3880	**0**	Q	3850	**0**	Q	75-125	1		20
Lead, Total	134	53.7	206	**134**	Q	195	115		75-125	5		20
Magnesium, Total	326	1010	1280	94		1350	102		75-125	5		20
Manganese, Total	103	50.7	146	85		138	**70**	Q	75-125	6		20
Nickel, Total	8.57	50.7	55.3	92		58.2	99		75-125	5		20
Potassium, Total	455	1010	1380	91		1480	102		75-125	7		20
Selenium, Total	1.42J	12.2	12.2	100		13.1	109		75-125	7		20
Silver, Total	ND	5.07	4.38	86		4.68	94		75-125	7		20
Sodium, Total	340	1010	1340	99		1400	106		75-125	4		20
Thallium, Total	ND	12.2	10.8	89		11.7	98		75-125	8		20
Vanadium, Total	9.26	50.7	54.1	88		59.3	100		75-125	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2089636-3 WG2089636-4 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)									
Zinc, Total	59.9	50.7	105	89	105	90	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2089642-3 WG2089642-4 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)									
Mercury, Total	0.354	1.82	1.99	90	2.18	94	80-120	9	20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2541710
Report Date: 07/15/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2089636-6 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)						
Aluminum, Total	1130	1120	mg/kg	1		20
Barium, Total	42.3	42.6	mg/kg	1		20
Calcium, Total	1880	1870	mg/kg	1		20
Copper, Total	33.7	34.7	mg/kg	3		20
Iron, Total	4430	4530	mg/kg	2		20
Lead, Total	134	131	mg/kg	2		20
Magnesium, Total	326	341	mg/kg	5		20
Manganese, Total	103	103	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	07/08/25 01:57	121,2540G	JMN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	07/08/25 01:57	121,2540G	JMN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.0		%	0.100	NA	1	-	07/08/25 01:57	121,2540G	JMN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	07/08/25 01:57	121,2540G	JMN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/08/25 01:57	121,2540G	JMN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.1		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2541710-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	07/08/25 15:48	121,2540G	SJB

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2541710

Report Date: 07/15/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2087816-1 QC Sample: L2540476-01 Client ID: DUP Sample						
Solids, Total	95.2	95.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06-15 QC Batch ID: WG2088177-1 QC Sample: L2541710-11 Client ID: 25SB-5 (0-2)						
Solids, Total	76.5	77.5	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-01B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-01C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-01E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-01F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2541710-01G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-01H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-01I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-02B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-02C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-02E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-02F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2541710-02G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-02H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-02I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-03B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-03C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-03E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-03F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2541710-03G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-03H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-03I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-04B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-04C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-04E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-04F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2541710-04G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-04H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-04I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-05B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-05C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-05E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-05F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2541710-05G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-05H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-05I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-06B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-06C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-06D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-06E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-06F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541710-06G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-06H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-06I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-07B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-07C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-07D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-07E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-07F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541710-07G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-07H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-07I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-08B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-08C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-08D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-08E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-08F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2541710-08G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-08H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-08I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-09A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-09B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-09C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-09D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-09E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-09F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2541710-09G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-09H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-09I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-10A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-10B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-10C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-10D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-10E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-10F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2541710-10G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-10H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-10I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11A	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-11A1	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-11A2	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-11B	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-11B1	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-11B2	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-11C	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-11C1	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-11C2	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-11D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11D1	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11D2	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11E1	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11E2	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-11F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-11F1	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2541710-11F2	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2541710-11G	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11G1	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11G2	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-11H1	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-11H2	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-11I	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11I1	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-11I2	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-12A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-12B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-12C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-12D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-12E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-12F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2541710-12G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-12H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-12I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-13A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-13B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-13C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-13D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-13E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-13F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541710-13G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-13H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-13I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-14A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-14B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-14C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-14D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-14E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2541710-14F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2541710-14G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-14H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-14I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-15A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2541710-15B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-15C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260HLW(14)
L2541710-15D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-15E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2541710-15F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2541710-15G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-15H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2541710-15I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2541710-16A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2541710-16B	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2541710-16C	Vial water preserved	NA	NA			Y	Absent	03-JUL-25 15:33	NYTCL-8260H(14),NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2541710
Report Date: 07/15/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2541710
Project Number:	25030019	**Report Date:**	07/15/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2541710
Report Date: 07/15/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 7/3/25

Pace Job #: L1541710

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project # 25030019
(Use Project name as Project #) ☐
Project Manager: EZGI KARAYEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7 DAY TAT

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #: 25030019

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs

Please specify Metals or TAL. TAL METAL

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PESTS/HERB	PCBs	TAL METALS + Hg	1,4-DIOXANE	PFOA	Sample Specific Comments	Total Bottle
41710-01	25SB-1 (0-2)	7/2/25	1110	Soil	BN	X	X	X	X	X	X	X		
-02	25SB-1 (9-11)		1140											
-03	25SB-1 (12-13)		1120											
-04	25SB-2 (0-2)		1000											
-05	25SB-2 (12-13)		1025											
-06	25SB-3 (0-2)		0850											
-07	25SB-3 (12-13)		0900											
-08	25SB-4 (0-2)		0930											
-09	25SB-4 (4-7)		0940											
-10	25SB-4 (12-13)		0950											

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] 7/3/25	7/2/25 1640	WIM Pace	7/2/25 1640
WIM Pace	7/2/25 2000	Anthony Green	JUL 02 2025 2150
Anthony Green	7/3/2025	[signature]	7-02-25
		[signature]	07/03/25 04:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 7/3/25

Pace Job #: L2541710

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VC HANG@VEKTOR CONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project # 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAYEL/VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7 DAY TAT

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 25030019

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES w/ EQUIS EDDs

Please specify Metals or TAL. TAL METAL + MERCURY

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCBs	TAL METALS (+Hg)	1,4-DIOXANE	PFOA	Sample Specific Comments
41710-11	~~SB2~~ 25SB-5(0-2)	7/2/25	0815	S-1	BN	X	X	X	X	X	X	X	
-12	25SB-5(11-12)		0820			X	↓	↓	↓	↓	↓	↓	
-13	25SB-6(0-2)		1210			X							
-14	25SB-6(7-9)		1215			X							
-15	25SB-6(11-12)		1220			X							
-11	25SB-5(0-2)MS		1030			X							
-11	25SB-5(0-2)MSD		1040			X	↓	↓	↓	↓	↓	↓	
-16	Trip Blank		0915			X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/2/25 1640	WIFI Pace	7/2/25 1640
WIFI Pace	7/2/25 2000	Anthony Green	JUL 02 2025 2150
Anthony Green			13.82A
	7/30/25		07/30/25 04:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

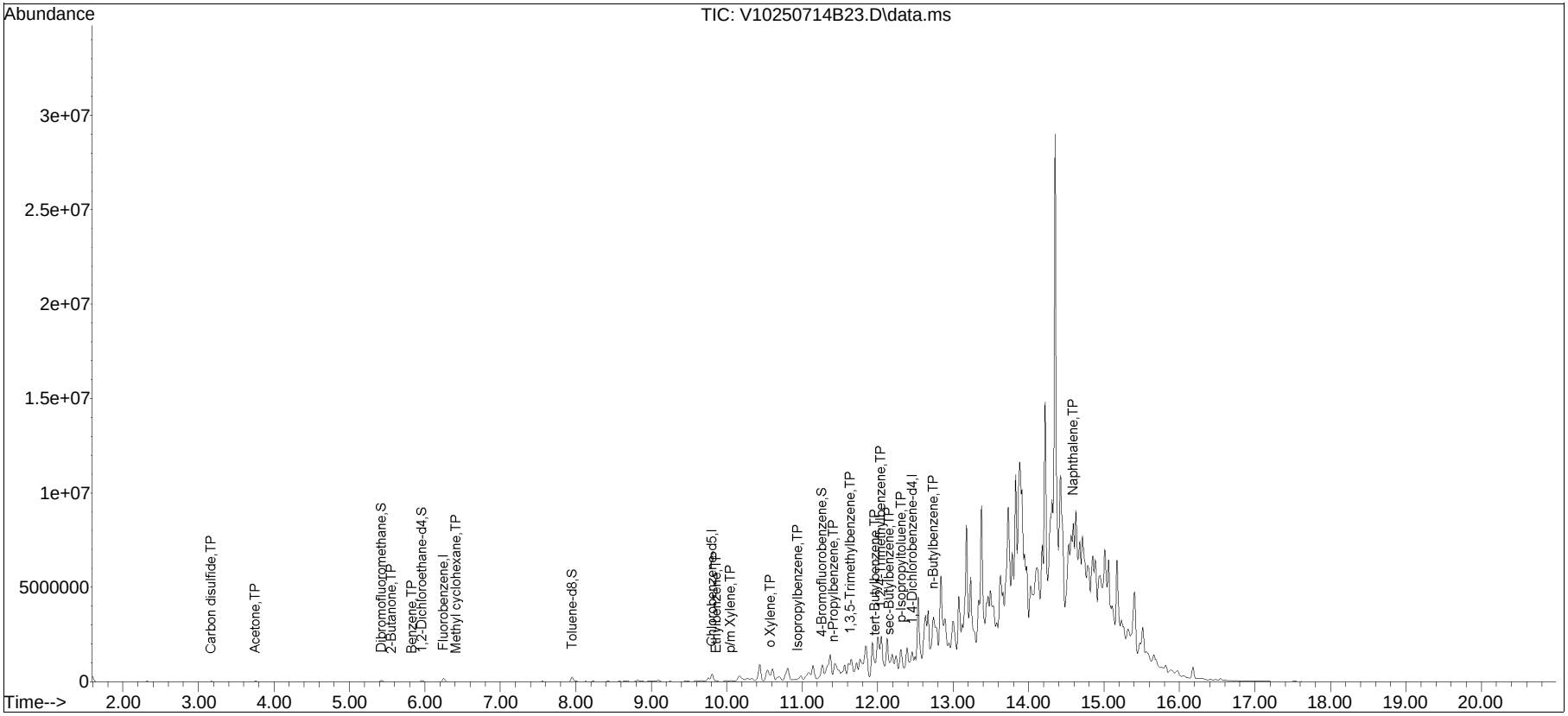
Form No: 01-25 HC (rev. 29-Jan-2025)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250714B\
Data File : V10250714B23.D
Acq On : 14 Jul 2025 9:42 pm
Operator : VOA110:JIC
Sample : L2541710-02,31,3.69,5,,B,32.74,36.68,0.25
Misc : WG2090855,ICAL22440
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 12:33:57 2025
Quant Method : K:\VOA110\2025\250714B\V110_250701B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 02 12:40:36 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0714B01.D•

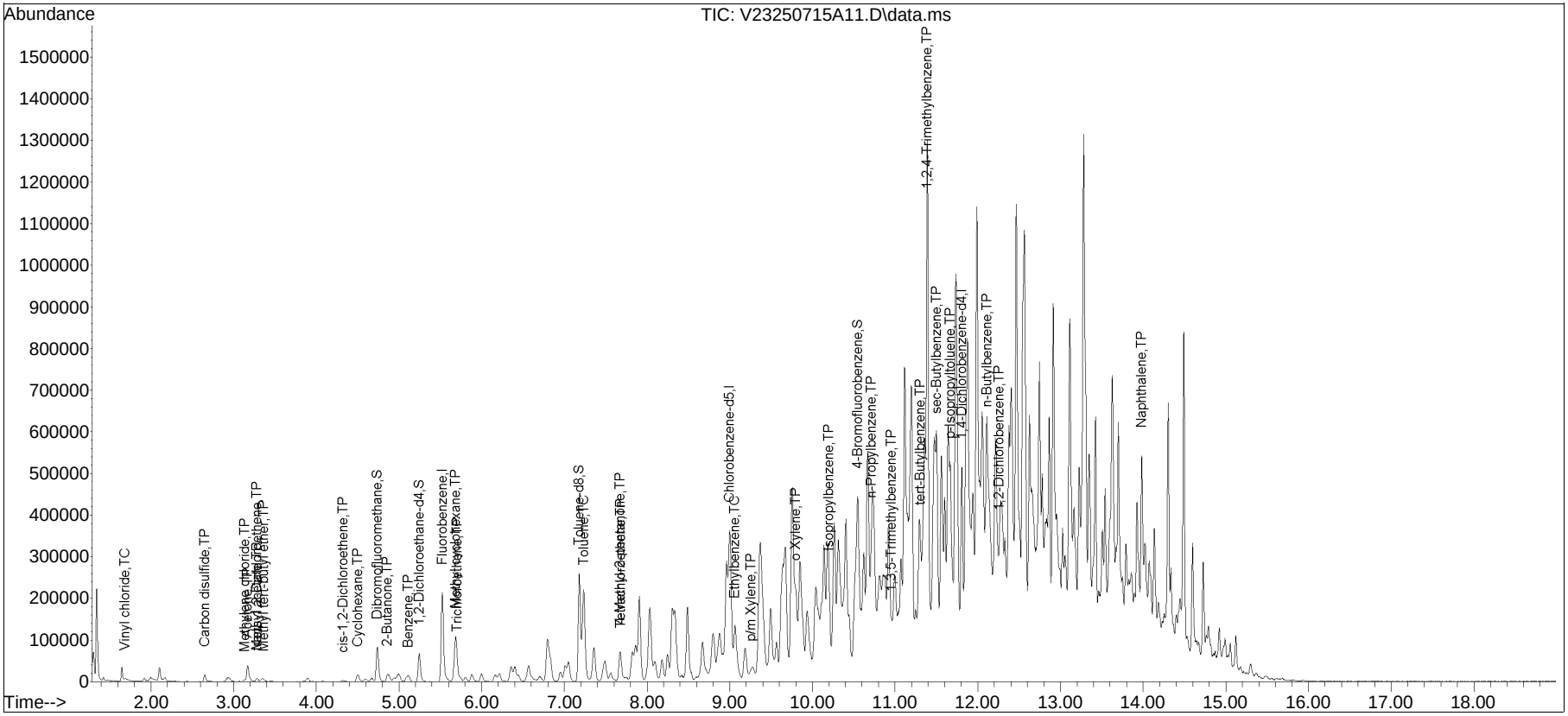


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250715A\
Data File : V23250715A11.D
Acq On : 15 Jul 2025 12:14 pm
Operator : VOA123:AJK
Sample : L2541710-13,31,3.55,5,,C,32.74,36.79,0.50
Misc : WG2090945,ICAL22214
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 12:44:07 2025
Quant Method : K:\VOA123\2025\250715A\V123_250418A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0715A01.D•

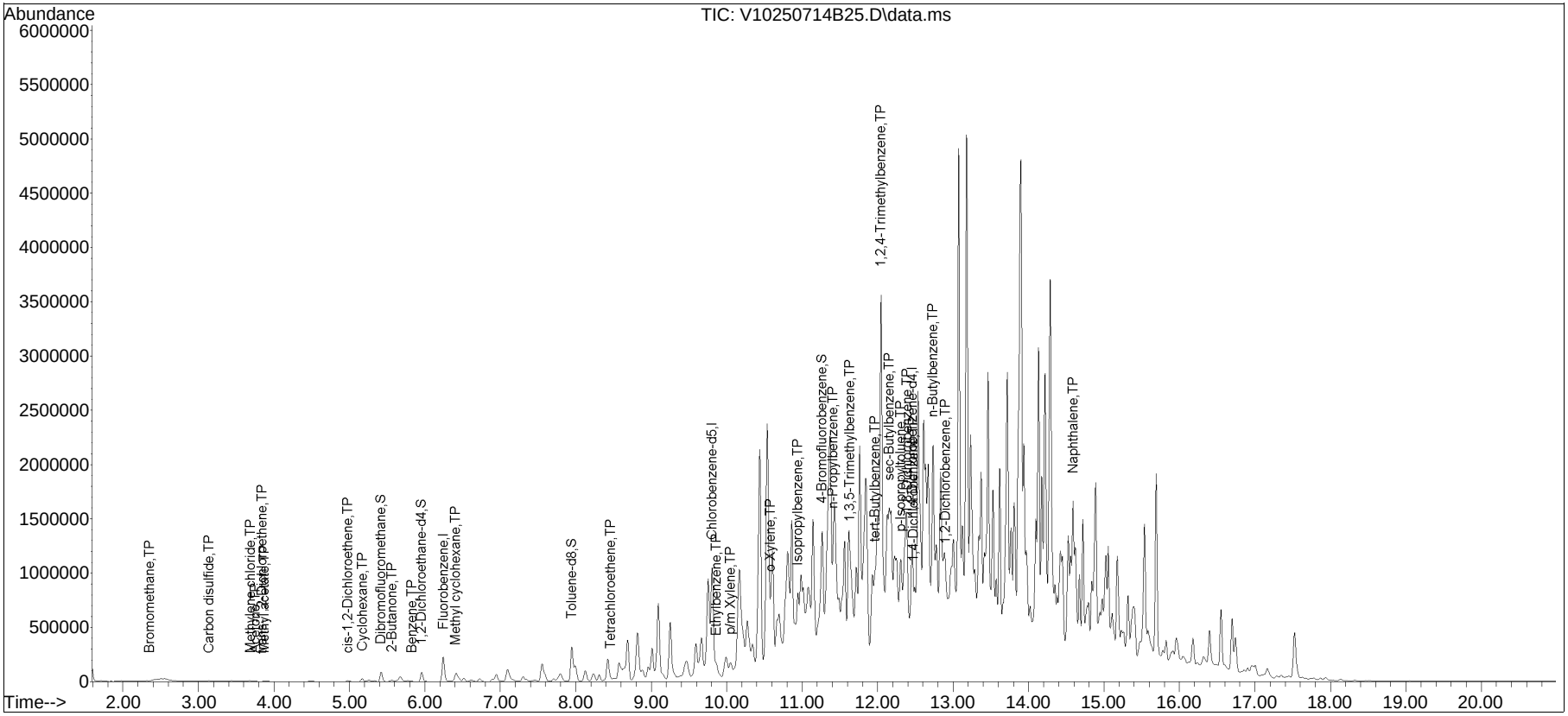


Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250714B\
Data File : V10250714B25.D
Acq On : 14 Jul 2025 10:36 pm
Operator : VOA110:JIC
Sample : L2541710-15,31H,6.00,5,0.100,,A,29.81,36.31,0
Misc : WG2090856,ICAL22440
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 15 12:35:48 2025
Quant Method : K:\VOA110\2025\250714B\V110_250701B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 02 12:40:36 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0714B01.D•



Sample Delivery Group Summary

Pace Job Number : L2541710

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 02-JUL-2025
Reviewer : Craig Sloma-Green

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.4	
B	Absent/	Ice	3.3	
C	Absent/	Ice	4.3	
D	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2541710-09: 25SB-4 (4-7) vs. 25SB-4 (7-9) L2541710-14: 02-JUL-25 12:15 vs. 02-JUL-25 12:25	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2542557
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/18/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2542557-01	25SB-7 (0-2)	SOIL	BKLYN, NY	07/08/25 11:00	07/08/25
L2542557-02	25SB-7 (12-13)	SOIL	BKLYN, NY	07/08/25 11:15	07/08/25
L2542557-03	25SB-8 (1-3)	SOIL	BKLYN, NY	07/08/25 11:55	07/08/25
L2542557-04	25SB-8 (11-12)	SOIL	BKLYN, NY	07/08/25 12:10	07/08/25
L2542557-05	TRIP BLANK	SOIL	BKLYN, NY	07/08/25 00:00	07/08/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2542557
Project Number:	25030019	**Report Date:**	07/18/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Case Narrative (continued)

Report Submission
July 18, 2025: This final report includes the results of all requested analyses.
July 17, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633
WG2091045-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
The Extracted Internal Standard recovery for the WG2091045-2R LCS associated with L2542557-01 through -04 is outside the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

Pesticides
L2542557-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (663%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (11%) and decachlorobiphenyl (10%) due to interference with the Internal Standard.
L2542557-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (285%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (28%) due to interference with the Internal Standard.
L2542557-04: The internal standard (IS) response for 1-bromo-2-nitrobenzene (2487%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (2%) due to interference with the Internal Standard.

Project Name:	601-607 UNION ST	**Lab Number:**	L2542557
Project Number:	25030019	**Report Date:**	07/18/25

Case Narrative (continued)

Total Metals

L2542557-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/18/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/17/25 20:54
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/17/25 20:31
Analyst: AJK
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.2	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.33	1
Chloroform	ND		ug/kg	3.4	0.32	1
Carbon tetrachloride	ND		ug/kg	2.2	0.52	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.28	1
Dibromochloromethane	ND		ug/kg	2.2	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.60	1
Tetrachloroethene	ND		ug/kg	1.1	0.44	1
Chlorobenzene	ND		ug/kg	1.1	0.29	1
Trichlorofluoromethane	ND		ug/kg	9.0	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.58	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.38	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.61	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.36	1
Bromoform	ND		ug/kg	9.0	0.55	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.37	1
Benzene	0.39	J	ug/kg	1.1	0.37	1
Toluene	ND		ug/kg	2.2	1.2	1
Ethylbenzene	ND		ug/kg	2.2	0.32	1
Chloromethane	ND		ug/kg	9.0	2.1	1
Bromomethane	ND		ug/kg	4.5	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.75	1
Chloroethane	ND		ug/kg	4.5	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.54	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.31	1
Trichloroethene	ND		ug/kg	1.1	0.31	1
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.32	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.5	0.45	1
p/m-Xylene	ND		ug/kg	4.5	1.3	1
o-Xylene	ND		ug/kg	2.2	0.66	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.39	1
Styrene	1.5	J	ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	22	2.1	1
Acetone	92		ug/kg	22	11.	1
Carbon disulfide	ND		ug/kg	22	10.	1
2-Butanone	18	J	ug/kg	22	5.0	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.9	1
2-Hexanone	ND		ug/kg	22	2.6	1
Bromochloromethane	ND		ug/kg	4.5	0.46	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.63	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	2.2	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.72	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.61	1
Methyl Acetate	ND		ug/kg	9.0	2.1	1
Cyclohexane	ND		ug/kg	22	1.2	1
1,4-Dioxane	ND		ug/kg	180	79.	1
Freon-113	ND		ug/kg	9.0	1.6	1
Methyl cyclohexane	ND		ug/kg	9.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	97		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/17/25 20:08
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/17/25 19:45
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	1.2		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-05
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/08/25 00:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/17/25 13:41
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-05
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 07/08/25 00:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/25 13:18
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG2092279-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.1	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/25 13:18
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG2092279-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.59	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/25 13:18
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG2092279-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG2092279-3 WG2092279-4								
Methylene chloride	89		86		70-130	3		30
1,1-Dichloroethane	98		95		70-130	3		30
Chloroform	92		88		70-130	4		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	91		91		70-130	0		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	109		107		70-130	2		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	120		116		70-139	3		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	104		103		70-130	1		30
Bromodichloromethane	90		92		70-130	2		30
trans-1,3-Dichloropropene	95		95		70-130	0		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
Bromoform	86		88		70-130	2		30
1,1,2,2-Tetrachloroethane	94		95		70-130	1		30
Benzene	97		96		70-130	1		30
Toluene	99		96		70-130	3		30
Ethylbenzene	100		98		70-130	2		30
Chloromethane	120		103		52-130	15		30
Bromomethane	130		123		57-147	6		30
Vinyl chloride	122		106		67-130	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG2092279-3 WG2092279-4								
Chloroethane	120		104		50-151	14		30
1,1-Dichloroethene	100		117		65-135	16		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	95		94		70-130	1		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	99		100		70-130	1		30
Methyl tert butyl ether	89		88		66-130	1		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	94		95		70-130	1		30
cis-1,2-Dichloroethene	93		94		70-130	1		30
Styrene	87		87		70-130	0		30
Dichlorodifluoromethane	131		117		30-146	11		30
Acetone	109		101		54-140	8		30
Carbon disulfide	103		101		59-130	2		30
2-Butanone	81		85		70-130	5		30
4-Methyl-2-pentanone	91		94		70-130	3		30
2-Hexanone	83		87		70-130	5		30
Bromochloromethane	88		91		70-130	3		30
1,2-Dibromoethane	96		95		70-130	1		30
1,2-Dibromo-3-chloropropane	99		104		68-130	5		30
Isopropylbenzene	108		106		70-130	2		30
1,2,3-Trichlorobenzene	97		99		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG2092279-3 WG2092279-4								
1,2,4-Trichlorobenzene	98		101		70-130	3		30
Methyl Acetate	92		93		51-146	1		30
Cyclohexane	108		103		59-142	5		30
1,4-Dioxane	95		104		65-136	9		30
Freon-113	104		104		50-139	0		30
Methyl cyclohexane	104		102		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/25 23:36
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	2200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	290		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1200		ug/kg	110	21.	1
Benzo(a)pyrene	1000		ug/kg	150	45.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1300		ug/kg	110	31.	1
Benzo(k)fluoranthene	330		ug/kg	110	30.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	29.	1
Anthracene	480		ug/kg	110	36.	1
Benzo(ghi)perylene	660		ug/kg	150	22.	1
Fluorene	220		ug/kg	180	18.	1
Phenanthrene	2100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	150	26.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	29	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	170	J	ug/kg	180	18.	1
2-Methylnaphthalene	120	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	230		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	19		10-136
4-Terphenyl-d14	62		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/16/25 20:59
Analyst: ANH
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.046	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	108		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	93		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	101		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	110		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	113		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/16/25 21:08
Analyst: ANH
Percent Solids: 56%

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.168	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	138		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	99		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	93		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02 D
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/14/25 17:17
Analyst: SMZ
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7400		ug/kg	1200	150	5
Hexachlorobenzene	ND		ug/kg	880	160	5
Bis(2-chloroethyl)ether	ND		ug/kg	1300	200	5
2-Chloronaphthalene	ND		ug/kg	1500	140	5
3,3'-Dichlorobenzidine	ND		ug/kg	1500	390	5
2,4-Dinitrotoluene	ND		ug/kg	1500	290	5
2,6-Dinitrotoluene	ND		ug/kg	1500	250	5
Fluoranthene	43000		ug/kg	880	170	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1500	160	5
4-Bromophenyl phenyl ether	ND		ug/kg	1500	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1800	250	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1600	150	5
Hexachlorobutadiene	ND		ug/kg	1500	210	5
Hexachlorocyclopentadiene	ND		ug/kg	4200	1300	5
Hexachloroethane	ND		ug/kg	1200	240	5
Isophorone	ND		ug/kg	1300	190	5
Naphthalene	8200		ug/kg	1500	180	5
Nitrobenzene	ND		ug/kg	1300	220	5
NDPA/DPA	ND		ug/kg	1200	170	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1500	220	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1500	500	5
Butyl benzyl phthalate	ND		ug/kg	1500	370	5
Di-n-butylphthalate	ND		ug/kg	1500	280	5
Di-n-octylphthalate	ND		ug/kg	1500	500	5
Diethyl phthalate	ND		ug/kg	1500	140	5
Dimethyl phthalate	ND		ug/kg	1500	310	5
Benzo(a)anthracene	20000		ug/kg	880	160	5
Benzo(a)pyrene	17000		ug/kg	1200	360	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02 D
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	22000		ug/kg	880	250	5
Benzo(k)fluoranthene	5100		ug/kg	880	230	5
Chrysene	20000		ug/kg	880	150	5
Acenaphthylene	1200		ug/kg	1200	220	5
Anthracene	11000		ug/kg	880	280	5
Benzo(ghi)perylene	9800		ug/kg	1200	170	5
Fluorene	6300		ug/kg	1500	140	5
Phenanthrene	49000		ug/kg	880	180	5
Dibenzo(a,h)anthracene	2400		ug/kg	880	170	5
Indeno(1,2,3-cd)pyrene	9200		ug/kg	1200	200	5
Pyrene	37000		ug/kg	880	140	5
Biphenyl	820	J	ug/kg	3300	190	5
4-Chloroaniline	ND		ug/kg	1500	270	5
2-Nitroaniline	ND		ug/kg	1500	280	5
3-Nitroaniline	ND		ug/kg	1500	280	5
4-Nitroaniline	ND		ug/kg	1500	600	5
Dibenzofuran	5200		ug/kg	1500	140	5
2-Methylnaphthalene	3400		ug/kg	1800	180	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1500	150	5
Acetophenone	ND		ug/kg	1500	180	5
2,4,6-Trichlorophenol	ND		ug/kg	880	280	5
p-Chloro-m-cresol	ND		ug/kg	1500	220	5
2-Chlorophenol	ND		ug/kg	1500	170	5
2,4-Dichlorophenol	ND		ug/kg	1300	240	5
2,4-Dimethylphenol	480	J	ug/kg	1500	480	5
2-Nitrophenol	ND		ug/kg	3200	550	5
4-Nitrophenol	ND		ug/kg	2000	600	5
2,4-Dinitrophenol	ND		ug/kg	7000	680	5
4,6-Dinitro-o-cresol	ND		ug/kg	3800	700	5
Pentachlorophenol	ND		ug/kg	1200	320	5
Phenol	530	J	ug/kg	1500	220	5
2-Methylphenol	480	J	ug/kg	1500	230	5
3-Methylphenol/4-Methylphenol	1300	J	ug/kg	2100	230	5
2,4,5-Trichlorophenol	ND		ug/kg	1500	280	5
Carbazole	5500		ug/kg	1500	140	5
Atrazine	ND		ug/kg	1200	510	5
Benzaldehyde	ND		ug/kg	1900	390	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02 D
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1500	440	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1500	300	5
1,4-Dioxane	ND		ug/kg	220	67.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	72		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/16/25 21:17
Analyst: ANH
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.036	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	99		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	97		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03 D
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/14/25 17:40
Analyst: SMZ
Percent Solids: 89%

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	740	96.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	92.	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	23000		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	92.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	810	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	5800		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5
Diethyl phthalate	ND		ug/kg	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	12000		ug/kg	550	100	5
Benzo(a)pyrene	9000		ug/kg	740	220	5

Project Name: 601-607 UNION ST **Lab Number:** L2542557

Project Number: 25030019 **Report Date:** 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03 D
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	11000		ug/kg	550	160	5
Benzo(k)fluoranthene	4300		ug/kg	550	150	5
Chrysene	10000		ug/kg	550	96.	5
Acenaphthylene	2000		ug/kg	740	140	5
Anthracene	5700		ug/kg	550	180	5
Benzo(ghi)perylene	5100		ug/kg	740	110	5
Fluorene	1500		ug/kg	920	90.	5
Phenanthrene	22000		ug/kg	550	110	5
Dibenzo(a,h)anthracene	1400		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	5100		ug/kg	740	130	5
Pyrene	18000		ug/kg	550	92.	5
Biphenyl	190	J	ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	1100		ug/kg	920	87.	5
2-Methylnaphthalene	590	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	220	J	ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5
Carbazole	2800		ug/kg	920	90.	5
Atrazine	ND		ug/kg	740	320	5
Benzaldehyde	ND		ug/kg	1200	250	5

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03 D
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	920	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	920	190	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	75		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/25 22:26
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	780		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	210		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	480		ug/kg	120	22.	1
Benzo(a)pyrene	420		ug/kg	160	48.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	520		ug/kg	120	33.	1
Benzo(k)fluoranthene	160		ug/kg	120	32.	1
Chrysene	430		ug/kg	120	21.	1
Acenaphthylene	80	J	ug/kg	160	31.	1
Anthracene	210		ug/kg	120	39.	1
Benzo(ghi)perylene	220		ug/kg	160	23.	1
Fluorene	120	J	ug/kg	200	19.	1
Phenanthrene	600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	160	28.	1
Pyrene	700		ug/kg	120	20.	1
Biphenyl	26	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	94	J	ug/kg	200	19.	1
2-Methylnaphthalene	66	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	57	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	690		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	68	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	50		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/16/25 21:26
Analyst: ANH
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.034	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	94		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:42
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2089348-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:42
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2089348-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/25 14:42
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 07/11/25 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2089348-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	83		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/16/25 20:33
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG2091045-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/16/25 20:33
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG2091045-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/16/25 20:33
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/16/25 12:55
Cleanup Method: EPA 1633
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG2091045-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	114		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	123		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	108		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	105		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	113		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	121		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2089348-2 WG2089348-3								
Acenaphthene	86		77		31-137	11		50
Hexachlorobenzene	81		74		40-140	9		50
Bis(2-chloroethyl)ether	78		74		40-140	5		50
2-Chloronaphthalene	78		68		40-140	14		50
3,3'-Dichlorobenzidine	80		70		40-140	13		50
2,4-Dinitrotoluene	94		85		40-132	10		50
2,6-Dinitrotoluene	78		69		40-140	12		50
Fluoranthene	87		76		40-140	13		50
4-Chlorophenyl phenyl ether	78		71		40-140	9		50
4-Bromophenyl phenyl ether	78		69		40-140	12		50
Bis(2-chloroisopropyl)ether	78		73		40-140	7		50
Bis(2-chloroethoxy)methane	80		72		40-117	11		50
Hexachlorobutadiene	67		60		40-140	11		50
Hexachlorocyclopentadiene	66		60		40-140	10		50
Hexachloroethane	84		78		40-140	7		50
Isophorone	74		66		40-140	11		50
Naphthalene	82		74		40-140	10		50
Nitrobenzene	76		68		40-140	11		50
NDPA/DPA	84		77		36-157	9		50
n-Nitrosodi-n-propylamine	76		67		32-121	13		50
Bis(2-ethylhexyl)phthalate	120		107		40-140	11		50
Butyl benzyl phthalate	119		106		40-140	12		50
Di-n-butylphthalate	103		90		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2089348-2 WG2089348-3								
Di-n-octylphthalate	124		114		40-140	8		50
Diethyl phthalate	91		80		40-140	13		50
Dimethyl phthalate	76		67		40-140	13		50
Benzo(a)anthracene	89		78		40-140	13		50
Benzo(a)pyrene	94		85		40-140	10		50
Benzo(b)fluoranthene	87		88		40-140	1		50
Benzo(k)fluoranthene	95		78		40-140	20		50
Chrysene	84		76		40-140	10		50
Acenaphthylene	85		75		40-140	13		50
Anthracene	90		81		40-140	11		50
Benzo(ghi)perylene	94		83		40-140	12		50
Fluorene	87		78		40-140	11		50
Phenanthrene	87		78		40-140	11		50
Dibenzo(a,h)anthracene	90		80		40-140	12		50
Indeno(1,2,3-cd)pyrene	90		80		40-140	12		50
Pyrene	85		76		35-142	11		50
Biphenyl	78		70		37-127	11		50
4-Chloroaniline	61		55		40-140	10		50
2-Nitroaniline	100		84		47-134	17		50
3-Nitroaniline	79		67		26-129	16		50
4-Nitroaniline	95		87		41-125	9		50
Dibenzofuran	85		78		40-140	9		50
2-Methylnaphthalene	77		67		40-140	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2089348-2 WG2089348-3								
1,2,4,5-Tetrachlorobenzene	74		65		40-117	13		50
Acetophenone	83		74		14-144	11		50
2,4,6-Trichlorophenol	74		67		30-130	10		50
p-Chloro-m-cresol	82		73		26-103	12		50
2-Chlorophenol	95		87		25-102	9		50
2,4-Dichlorophenol	86		75		30-130	14		50
2,4-Dimethylphenol	91		79		30-130	14		50
2-Nitrophenol	100		91		30-130	9		50
4-Nitrophenol	80		75		11-114	6		50
2,4-Dinitrophenol	90		81		4-130	11		50
4,6-Dinitro-o-cresol	105		91		10-130	14		50
Pentachlorophenol	64		57		17-109	12		50
Phenol	82		73		26-90	12		50
2-Methylphenol	89		77		30-130	14		50
3-Methylphenol/4-Methylphenol	92		81		30-130	13		50
2,4,5-Trichlorophenol	80		71		30-130	12		50
Carbazole	92		84		54-128	9		50
Atrazine	85		76		40-140	11		50
Benzaldehyde	73		71		40-140	3		50
Caprolactam	94		84		15-130	11		50
2,3,4,6-Tetrachlorophenol	82		72		40-140	13		50
1,4-Dioxane	60		60		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2089348-2 WG2089348-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		87		25-120
Phenol-d6	83		74		10-120
Nitrobenzene-d5	79		70		23-120
2-Fluorobiphenyl	71		63		30-120
2,4,6-Tribromophenol	83		71		10-136
4-Terphenyl-d14	84		74		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	114		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	113		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	116		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	111		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	109		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	94		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	120		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	119		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	98		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	113		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	103		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	89		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	116		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	123		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	130		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	109		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	119		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	101		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	109		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	77		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	117		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	121		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	111				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	105				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	114				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	111				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**131**	Q			20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	102				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	109				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	118				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-3								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	113		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	118		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	105		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	103		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	118		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	94		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-3								
Perfluorododecanoic Acid (PFDoA)	113		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	114		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	97		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	122		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	104		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	93		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	107		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	121		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	84		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	119		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	122		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091045-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	105				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	97				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	100				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105				15-130

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/11/25 23:35
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.7	4.86	1	A
Aroclor 1221	ND		ug/kg	54.7	5.48	1	A
Aroclor 1232	ND		ug/kg	54.7	11.6	1	A
Aroclor 1242	ND		ug/kg	54.7	7.38	1	A
Aroclor 1248	ND		ug/kg	54.7	8.21	1	A
Aroclor 1254	ND		ug/kg	54.7	5.99	1	A
Aroclor 1260	ND		ug/kg	54.7	10.1	1	A
Aroclor 1262	ND		ug/kg	54.7	6.95	1	A
Aroclor 1268	ND		ug/kg	54.7	5.67	1	A
PCBs, Total	ND		ug/kg	54.7	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/11/25 23:45
Analyst: AD
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	84.1	7.47	1	A
Aroclor 1221	ND		ug/kg	84.1	8.42	1	A
Aroclor 1232	ND		ug/kg	84.1	17.8	1	A
Aroclor 1242	ND		ug/kg	84.1	11.3	1	A
Aroclor 1248	ND		ug/kg	84.1	12.6	1	A
Aroclor 1254	ND		ug/kg	84.1	9.20	1	A
Aroclor 1260	ND		ug/kg	84.1	15.5	1	A
Aroclor 1262	ND		ug/kg	84.1	10.7	1	A
Aroclor 1268	ND		ug/kg	84.1	8.71	1	A
PCBs, Total	ND		ug/kg	84.1	7.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/11/25 23:55
Analyst: AD
Percent Solids: 89%

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 07/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.30	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.93	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.77	1	A
Aroclor 1262	ND		ug/kg	52.8	6.71	1	A
Aroclor 1268	ND		ug/kg	52.8	5.48	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/25 00:05
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.8	5.31	1	A
Aroclor 1221	ND		ug/kg	59.8	5.99	1	A
Aroclor 1232	ND		ug/kg	59.8	12.7	1	A
Aroclor 1242	ND		ug/kg	59.8	8.06	1	A
Aroclor 1248	ND		ug/kg	59.8	8.96	1	A
Aroclor 1254	ND		ug/kg	59.8	6.54	1	A
Aroclor 1260	ND		ug/kg	59.8	11.0	1	A
Aroclor 1262	ND		ug/kg	59.8	7.59	1	A
Aroclor 1268	ND		ug/kg	59.8	6.19	1	A
PCBs, Total	ND		ug/kg	59.8	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/11/25 20:44
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/11/25 00:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG2089324-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.27	A
Aroclor 1254	ND		ug/kg	48.5	5.30	A
Aroclor 1260	ND		ug/kg	48.5	8.96	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.02	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2089324-2 WG2089324-3									
Aroclor 1016	100		102		40-140	2		50	A
Aroclor 1260	104		104		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		97		30-150	A
Decachlorobiphenyl	83		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		97		30-150	B
Decachlorobiphenyl	66		67		30-150	B

PESTICIDES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/12/25 09:01
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 02:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.878	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.988	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.22	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/13/25 18:45
Analyst: EJL
Percent Solids: 89%
Methylation Date: 07/12/25 18:45

Extraction Method: EPA 8151A
Extraction Date: 07/10/25 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	78		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/12/25 09:13
Analyst: JAG
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 02:26
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.76	0.540	1	B
Lindane	ND		ug/kg	1.15	0.514	1	B
Alpha-BHC	ND		ug/kg	1.15	0.326	1	B
Beta-BHC	ND		ug/kg	2.76	1.05	1	B
Heptachlor	ND		ug/kg	1.38	0.618	1	B
Aldrin	ND		ug/kg	2.76	0.971	1	B
Heptachlor epoxide	ND		ug/kg	5.17	1.55	1	B
Endrin	ND		ug/kg	1.15	0.471	1	B
Endrin aldehyde	ND		ug/kg	3.45	1.21	1	B
Endrin ketone	ND		ug/kg	2.76	0.710	1	B
Dieldrin	ND		ug/kg	1.72	0.862	1	B
4,4'-DDE	ND		ug/kg	2.76	0.638	1	B
4,4'-DDD	ND		ug/kg	2.76	0.984	1	B
4,4'-DDT	ND		ug/kg	2.76	2.22	1	B
Endosulfan I	ND		ug/kg	2.76	0.652	1	B
Endosulfan II	ND		ug/kg	2.76	0.922	1	B
Endosulfan sulfate	ND		ug/kg	1.15	0.547	1	B
Methoxychlor	ND		ug/kg	5.17	1.61	1	B
Toxaphene	ND		ug/kg	51.7	14.5	1	B
cis-Chlordane	ND		ug/kg	3.45	0.961	1	B
trans-Chlordane	ND		ug/kg	3.45	0.910	1	B
Chlordane	ND		ug/kg	23.0	9.14	1	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**11**	Q	30-150	A
Decachlorobiphenyl	**10**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	140		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/13/25 19:03
Analyst: EJL
Percent Solids: 56%
Methylation Date: 07/12/25 18:45

Extraction Method: EPA 8151A
Extraction Date: 07/10/25 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	295	18.6	1	A
2,4,5-T	ND		ug/kg	295	9.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	295	7.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	49		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/12/25 09:24
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 02:26
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	B
Lindane	ND		ug/kg	0.713	0.319	1	B
Alpha-BHC	ND		ug/kg	0.713	0.202	1	B
Beta-BHC	ND		ug/kg	1.71	0.649	1	B
Heptachlor	ND		ug/kg	0.856	0.384	1	B
Aldrin	ND		ug/kg	1.71	0.603	1	B
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	B
Endrin	ND		ug/kg	0.713	0.292	1	B
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	B
Endrin ketone	ND		ug/kg	1.71	0.441	1	B
Dieldrin	ND		ug/kg	1.07	0.535	1	B
4,4'-DDE	ND		ug/kg	1.71	0.396	1	B
4,4'-DDD	ND		ug/kg	1.71	0.611	1	B
4,4'-DDT	ND		ug/kg	1.71	1.38	1	B
Endosulfan I	ND		ug/kg	1.71	0.404	1	B
Endosulfan II	ND		ug/kg	1.71	0.572	1	B
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	B
Methoxychlor	ND		ug/kg	3.21	0.999	1	B
Toxaphene	ND		ug/kg	32.1	8.99	1	B
cis-Chlordane	ND		ug/kg	2.14	0.596	1	B
trans-Chlordane	ND		ug/kg	2.14	0.565	1	B
Chlordane	ND		ug/kg	14.3	5.67	1	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	**28**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/13/25 19:22
Analyst: EJL
Percent Solids: 89%
Methylation Date: 07/12/25 18:45

Extraction Method: EPA 8151A
Extraction Date: 07/10/25 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.73	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	84		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/12/25 09:36
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/11/25 02:26
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	B
Lindane	ND		ug/kg	0.775	0.346	1	B
Alpha-BHC	ND		ug/kg	0.775	0.220	1	B
Beta-BHC	ND		ug/kg	1.86	0.705	1	B
Heptachlor	ND		ug/kg	0.930	0.417	1	B
Aldrin	ND		ug/kg	1.86	0.655	1	B
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	B
Endrin	ND		ug/kg	0.775	0.318	1	B
Endrin aldehyde	ND		ug/kg	2.32	0.814	1	B
Endrin ketone	ND		ug/kg	1.86	0.479	1	B
Dieldrin	ND		ug/kg	1.16	0.581	1	B
4,4'-DDE	ND		ug/kg	1.86	0.430	1	B
4,4'-DDD	ND		ug/kg	1.86	0.663	1	B
4,4'-DDT	ND		ug/kg	1.86	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	B
Endosulfan II	ND		ug/kg	1.86	0.621	1	B
Endosulfan sulfate	ND		ug/kg	0.775	0.369	1	B
Methoxychlor	ND		ug/kg	3.49	1.08	1	B
Toxaphene	ND		ug/kg	34.9	9.76	1	B
cis-Chlordane	ND		ug/kg	2.32	0.648	1	B
trans-Chlordane	ND		ug/kg	2.32	0.614	1	B
Chlordane	ND		ug/kg	15.5	6.16	1	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	A
Decachlorobiphenyl	**2**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/13/25 19:40
Analyst: EJL
Percent Solids: 82%
Methylation Date: 07/12/25 18:45

Extraction Method: EPA 8151A
Extraction Date: 07/10/25 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.20	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	63		30-150	A
DCAA	52		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/11/25 19:40
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/10/25 15:11

Methylation Date: 07/11/25 15:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2089194-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	84		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/25 09:39
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/10/25 18:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2089268-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.603	A
Heptachlor	ND		ug/kg	0.795	0.356	A
Aldrin	ND		ug/kg	1.59	0.560	A
Heptachlor epoxide	ND		ug/kg	2.98	0.894	A
Endrin	ND		ug/kg	0.662	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.497	A
4,4'-DDE	ND		ug/kg	1.59	0.368	A
4,4'-DDD	ND		ug/kg	1.59	0.567	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.927	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.99	0.554	A
trans-Chlordane	ND		ug/kg	1.99	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/25 09:39
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/10/25 18:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2089268-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2089194-2 WG2089194-3									
2,4-D	82		79		30-150	4		30	A
2,4,5-T	87		83		30-150	5		30	A
2,4,5-TP (Silvex)	84		78		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		83		30-150	A
DCAA	90		86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2089268-2 WG2089268-3									
Delta-BHC	79		79		30-150	0		30	A
Lindane	86		85		30-150	1		30	A
Alpha-BHC	83		83		30-150	0		30	A
Beta-BHC	77		79		30-150	3		30	A
Heptachlor	77		76		30-150	1		30	A
Aldrin	80		78		30-150	3		30	A
Heptachlor epoxide	76		77		30-150	1		30	A
Endrin	82		81		30-150	1		30	A
Endrin aldehyde	68		67		30-150	1		30	A
Endrin ketone	77		77		30-150	0		30	A
Dieldrin	76		76		30-150	0		30	A
4,4'-DDE	77		75		30-150	3		30	A
4,4'-DDD	80		79		30-150	1		30	A
4,4'-DDT	82		80		30-150	2		30	A
Endosulfan I	75		74		30-150	1		30	A
Endosulfan II	79		76		30-150	4		30	A
Endosulfan sulfate	72		71		30-150	1		30	A
Methoxychlor	75		72		30-150	4		30	A
cis-Chlordane	70		69		30-150	1		30	A
trans-Chlordane	70		70		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2089268-2 WG2089268-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	A
Decachlorobiphenyl	73		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	B
Decachlorobiphenyl	68		68		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3050		mg/kg	8.90	2.89	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.45	3.43	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.38		mg/kg	0.890	0.385	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Barium, Total	107		mg/kg	0.890	0.094	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.371	J	mg/kg	0.445	0.049	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.081	J	mg/kg	0.890	0.049	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Calcium, Total	2400		mg/kg	8.90	5.05	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Chromium, Total	5.24		mg/kg	0.890	0.755	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.40		mg/kg	1.78	0.221	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Copper, Total	33.6		mg/kg	0.890	0.202	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Iron, Total	2910		mg/kg	4.45	0.935	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Lead, Total	5100		mg/kg	44.5	2.12	20	07/16/25 12:04	07/17/25 10:09	EPA 3050B	1,6010D	DMC
Magnesium, Total	265		mg/kg	8.90	1.45	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Manganese, Total	48.8		mg/kg	0.890	0.477	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Mercury, Total	0.634		mg/kg	0.075	0.049	1	07/16/25 14:30	07/16/25 17:57	EPA 7471B	1,7471B	MJR
Nickel, Total	7.69		mg/kg	2.23	0.719	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Potassium, Total	525		mg/kg	223	45.1	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Selenium, Total	0.841	J	mg/kg	1.78	0.293	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.445	0.265	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Sodium, Total	188		mg/kg	178	94.4	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Thallium, Total	0.913	J	mg/kg	1.78	0.803	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.1		mg/kg	0.890	0.134	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC
Zinc, Total	48.8		mg/kg	4.45	0.540	2	07/16/25 12:04	07/17/25 10:03	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6840		mg/kg	13.8	4.49	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	6.91	5.32	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Arsenic, Total	27.8		mg/kg	1.38	0.597	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Barium, Total	418		mg/kg	1.38	0.146	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.658	J	mg/kg	0.691	0.076	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.429	J	mg/kg	1.38	0.076	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Calcium, Total	11500		mg/kg	13.8	7.83	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Chromium, Total	15.6		mg/kg	1.38	1.17	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.19		mg/kg	2.76	0.343	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Copper, Total	60.1		mg/kg	1.38	0.314	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Iron, Total	10800		mg/kg	6.91	1.45	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Lead, Total	941		mg/kg	6.91	0.329	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Magnesium, Total	1270		mg/kg	13.8	2.25	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Manganese, Total	188		mg/kg	1.38	0.740	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Mercury, Total	2.21		mg/kg	0.133	0.087	1	07/16/25 14:30	07/16/25 18:00	EPA 7471B	1,7471B	MJR
Nickel, Total	14.6		mg/kg	3.45	1.12	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Potassium, Total	1080		mg/kg	345	70.0	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Selenium, Total	17.3		mg/kg	2.76	0.454	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Silver, Total	0.714		mg/kg	0.691	0.412	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Sodium, Total	725		mg/kg	276	146.	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.76	1.25	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Vanadium, Total	27.1		mg/kg	1.38	0.209	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC
Zinc, Total	288		mg/kg	6.91	0.837	2	07/16/25 12:04	07/17/25 11:12	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3930		mg/kg	8.75	2.84	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.38	3.37	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.22		mg/kg	0.875	0.378	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Barium, Total	58.8		mg/kg	0.875	0.093	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.292	J	mg/kg	0.438	0.048	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.320	J	mg/kg	0.875	0.048	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Calcium, Total	2570		mg/kg	8.75	4.96	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Chromium, Total	16.7		mg/kg	0.875	0.742	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.03		mg/kg	1.75	0.217	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Copper, Total	31.5		mg/kg	0.875	0.199	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Iron, Total	13600		mg/kg	4.38	0.919	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Lead, Total	254		mg/kg	4.38	0.208	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Magnesium, Total	1940		mg/kg	8.75	1.43	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Manganese, Total	206		mg/kg	0.875	0.469	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Mercury, Total	1.49		mg/kg	0.073	0.048	1	07/16/25 14:30	07/16/25 18:03	EPA 7471B	1,7471B	MJR
Nickel, Total	13.0		mg/kg	2.19	0.707	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Potassium, Total	522		mg/kg	219	44.4	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Selenium, Total	0.386	J	mg/kg	1.75	0.288	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.438	0.261	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Sodium, Total	136	J	mg/kg	175	92.8	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.75	0.789	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.5		mg/kg	0.875	0.132	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC
Zinc, Total	109		mg/kg	4.38	0.530	2	07/16/25 12:04	07/17/25 11:19	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	3740		mg/kg	9.47	3.08	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.74	3.65	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Arsenic, Total	30.0		mg/kg	0.947	0.409	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Barium, Total	252		mg/kg	0.947	0.100	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.342	J	mg/kg	0.474	0.052	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.258	J	mg/kg	0.947	0.052	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Calcium, Total	6060		mg/kg	9.47	5.37	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Chromium, Total	11.2		mg/kg	0.947	0.803	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.53		mg/kg	1.89	0.235	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Copper, Total	75.8		mg/kg	0.947	0.215	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Iron, Total	10600		mg/kg	4.74	0.994	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Lead, Total	2940		mg/kg	4.74	0.225	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Magnesium, Total	1570		mg/kg	9.47	1.54	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Manganese, Total	119		mg/kg	0.947	0.508	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Mercury, Total	2.42		mg/kg	0.099	0.065	1	07/16/25 14:30	07/16/25 18:07	EPA 7471B	1,7471B	MJR
Nickel, Total	28.0		mg/kg	2.37	0.765	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Potassium, Total	760		mg/kg	237	48.0	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Selenium, Total	1.20	J	mg/kg	1.89	0.312	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.474	0.282	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Sodium, Total	282		mg/kg	189	100.	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.89	0.854	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Vanadium, Total	18.2		mg/kg	0.947	0.143	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC
Zinc, Total	192		mg/kg	4.74	0.574	2	07/16/25 12:04	07/17/25 11:31	EPA 3050B	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2091296-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	1.54	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.173	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	2.27	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.099	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Iron, Total	1.18	J	mg/kg	2.00	0.420	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.652	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	20.3	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.119	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	42.4	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.361	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.060	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.242	1	07/16/25 12:04	07/17/25 09:44	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2091306-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/16/25 14:30	07/16/25 16:41	1,7471B	MJR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091296-2								
Aluminum, Total	104		-		80-120	-		20
Antimony, Total	100		-		80-120	-		20
Arsenic, Total	102		-		80-120	-		20
Barium, Total	101		-		80-120	-		20
Beryllium, Total	104		-		80-120	-		20
Cadmium, Total	100		-		80-120	-		20
Calcium, Total	104		-		80-120	-		20
Chromium, Total	101		-		80-120	-		20
Cobalt, Total	99		-		80-120	-		20
Copper, Total	102		-		80-120	-		20
Iron, Total	105		-		80-120	-		20
Lead, Total	101		-		80-120	-		20
Magnesium, Total	102		-		80-120	-		20
Manganese, Total	102		-		80-120	-		20
Nickel, Total	101		-		80-120	-		20
Potassium, Total	107		-		80-120	-		20
Selenium, Total	99		-		80-120	-		20
Silver, Total	98		-		80-120	-		20
Sodium, Total	106		-		80-120	-		20
Thallium, Total	100		-		80-120	-		20
Vanadium, Total	103		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091296-2					
Zinc, Total	99	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2091306-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091296-3 QC Sample: L2543304-01 Client ID: MS Sample												
Aluminum, Total	566	163	764	121		-	-		75-125	-		20
Antimony, Total	ND	40.8	42.0	103		-	-		75-125	-		20
Arsenic, Total	2.58J	9.78	12.8	**131**	Q	-	-		75-125	-		20
Barium, Total	5.62	163	181	108		-	-		75-125	-		20
Beryllium, Total	ND	4.08	4.42	108		-	-		75-125	-		20
Cadmium, Total	ND	4.32	3.91J	90		-	-		75-125	-		20
Calcium, Total	196000	815	200000	**491**	Q	-	-		75-125	-		20
Chromium, Total	3.68J	16.3	19.3	118		-	-		75-125	-		20
Cobalt, Total	2.01J	40.8	44.2	108		-	-		75-125	-		20
Copper, Total	7.00	20.4	26.3	95		-	-		75-125	-		20
Iron, Total	9400	81.5	7030	**0**	Q	-	-		75-125	-		20
Lead, Total	2.40J	43.2	47.0	109		-	-		75-125	-		20
Magnesium, Total	120000	815	122000	**245**	Q	-	-		75-125	-		20
Manganese, Total	150	40.8	203	**130**	Q	-	-		75-125	-		20
Nickel, Total	5.71J	40.8	45.8	112		-	-		75-125	-		20
Potassium, Total	467J	815	1460	**179**	Q	-	-		75-125	-		20
Selenium, Total	ND	9.78	9.67	99		-	-		75-125	-		20
Silver, Total	ND	4.08	4.30	106		-	-		75-125	-		20
Sodium, Total	ND	815	1170	**144**	Q	-	-		75-125	-		20
Thallium, Total	ND	9.78	9.86	101		-	-		75-125	-		20
Vanadium, Total	6.92	40.8	49.8	105		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091296-3 QC Sample: L2543304-01 Client ID: MS Sample									
Zinc, Total	6.83J	40.8	47.8	117	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091306-3 QC Sample: L2543304-01 Client ID: MS Sample									
Mercury, Total	ND	1.66	1.57	94	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091296-4 QC Sample: L2543304-01 Client ID: DUP Sample						
Aluminum, Total	566	444	mg/kg	**24**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.58J	1.96J	mg/kg	NC		20
Barium, Total	5.62	6.17	mg/kg	9		20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	196000	214000	mg/kg	9		20
Chromium, Total	3.68J	ND	mg/kg	NC		20
Cobalt, Total	2.01J	1.82J	mg/kg	NC		20
Copper, Total	7.00	4.04J	mg/kg	NC		20
Iron, Total	9400	7000	mg/kg	**29**	Q	20
Lead, Total	2.40J	1.99J	mg/kg	NC		20
Magnesium, Total	120000	126000	mg/kg	5		20
Manganese, Total	150	175	mg/kg	15		20
Nickel, Total	5.71J	ND	mg/kg	NC		20
Potassium, Total	467J	368J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2542557

Report Date: 07/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091296-4 QC Sample: L2543304-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	6.92	6.74	mg/kg	3	20
Zinc, Total	6.83J	5.14J	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091306-4 QC Sample: L2543304-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2542557
Report Date: 07/18/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091296-6 QC Sample: L2543304-01 Client ID: DUP Sample						
Calcium, Total	196000	200000	mg/kg	2		20
Iron, Total	9400	9680	mg/kg	3		20
Magnesium, Total	120000	124000	mg/kg	3		20
Manganese, Total	150	153	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-01
Client ID: 25SB-7 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/11/25 11:43	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-02
Client ID: 25SB-7 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.2		%	0.100	NA	1	-	07/11/25 11:43	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-03
Client ID: 25SB-8 (1-3)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	07/11/25 11:43	121,2540G	RJF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

SAMPLE RESULTS

Lab ID: L2542557-04
Client ID: 25SB-8 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/11/25 11:43	121,2540G	RJF

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2542557

Report Date: 07/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2089553-1 QC Sample: L2541514-07 Client ID: DUP Sample						
Solids, Total	97.3	98.3	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542557-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2542557-01B	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-01C	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-01D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2542557-01E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2542557-01F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2542557-01G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-01H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2542557-01I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2542557-02B	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-02C	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-02D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2542557-02E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542557-02F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2542557-02G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-02H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2542557-02I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2542557-03B	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-03C	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-03D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2542557-03E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2542557-03F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2542557-03G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-03H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2542557-03I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2542557-04B	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-04C	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-04D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2542557-04E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542557-04F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2542557-04G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-04H	Plastic 8oz unpreserved	NA	NA			Y	Absent		A2-NY-1633(90)
L2542557-04I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2542557-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2542557-05B	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)
L2542557-05C	Vial water preserved	NA	NA			Y	Absent	09-JUL-25 16:58	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542557
Report Date: 07/18/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2542557
Project Number:	25030019	**Report Date:**	07/18/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2542557
Project Number:	25030019	**Report Date:**	07/18/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2542557
Project Number:	25030019	**Report Date:**	07/18/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542557
Report Date: 07/18/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/9/25

Pace Job #: L2542557

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST, NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 25030019
(Use Project name as Project #) ☐
Project Manager: EZGI KARAVEL/VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQuIS EDP,

Please specify Metals or TAL. TAL METALS

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCBs	TAL METALS + HG	1,4-DIOXANE	PFOA	Total Bottle
42557-01	25SB-7 (0-2)	7/8/2025	1100	SOIL	BN	X	X	X	X	X	X	X	
-02	25SB-7 (12-13)		1115			X	X	X	X	X	X	X	
-03	25SB-8 (1-3)		1155			X	X	X	X	X	X	X	
-04	25SB-8 (11-12)		1210			X	X	X	X	X	X	X	
-05	TRIP BLANK		1120	AQ	—	X							

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	A	A	A	A	P	
Preservative	B	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/2025 1644	WIFI Pace 1650	7/8/25
WIFI Pace	7/8/25 2030	Anthony Green	JUL 08 2025 2330
Anthony Green	1705		0555
		03	07/09/25 0555

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2542557

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 08-JUL-2025
Reviewer : Kevin Law

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.1	
B	Absent/	Ice	3.1	
C	Absent/	Ice	2.3	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2542924
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/30/25

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2542924-01	25SB-5 (0-2)	SOIL	BKLYN, NY	07/09/25 08:10	07/09/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2542924
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2542924
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2542924-01: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (135%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

WG2094399-1: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (144%). Since the blank was non-detect to the RL for all associated target analytes, re-analysis was not required.

The Extracted Internal Standard recoveries for the WG2094399-3 LCS associated with L2542924-01 are outside the acceptance criteria for perfluoro[13c8]octanesulfonamide (m8fosa) (139%), perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (136%), 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (142%), and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (144%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

The Extracted Internal Standard recoveries for the WG2094399-4/-5 MS/MSD performed on L2542924-01 are outside the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (MSD 137%) and perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (MS 136%). The associated MS/MSD spike compounds are within criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/30/25

ORGANICS

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2542924-01
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/09/25 08:10
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/24/25 19:10
Analyst: ANH
Percent Solids: 60%

Extraction Method: EPA 1633
Extraction Date: 07/24/25 11:35
Cleanup Method: EPA 1633
Cleanup Date: 07/24/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2542924-01
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Date Collected: 07/09/25 08:10
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2542924-01
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY

Date Collected: 07/09/25 08:10
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	130		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	98		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**135**	Q	20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	112		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	115		15-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/24/25 17:32
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/24/25 11:35
Cleanup Method: EPA 1633
Cleanup Date: 07/24/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2094399-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/24/25 17:32
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/24/25 11:35
Cleanup Method: EPA 1633
Cleanup Date: 07/24/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2094399-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/24/25 17:32
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/24/25 11:35
Cleanup Method: EPA 1633
Cleanup Date: 07/24/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2094399-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	99		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**144**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	120		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	119		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	119		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	118		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	113		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	121		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	111		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	126		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	121		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	136		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	107		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	143		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	96		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	114		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	121		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	119		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	117		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	108		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	116		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	102		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	119		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	113				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	120				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	107				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	109				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorobutanoic Acid (PFBA)	115		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	122		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	108		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	121		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	117		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-3								
Perfluorododecanoic Acid (PFDoA)	111		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	134		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	99		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	104		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	95		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	122		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	105		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	111		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	108		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	110		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2094399-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	104				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	105				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	105				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	134				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	**139**	Q			40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**136**	Q			20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	106				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**142**	Q			20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**144**	Q			15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094399-4 WG2094399-5 QC Sample: L2542924-01 Client ID: 25SB-5 (0-2)												
Perfluorobutanoic Acid (PFBA)	ND	7.98	9.23	116		9.45	118		70-140	2		30
Perfluoropentanoic Acid (PFPeA)	ND	3.99	4.37	109		4.66	117		60-150	6		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	2.12	120		2.11	119		65-145	0		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.48	8.48	113		8.15	109		60-150	4		30
Perfluorohexanoic Acid (PFHxA)	ND	2	2.25	113		2.19	110		65-140	3		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.88	2.17	116		2.16	115		55-160	0		30
Perfluoroheptanoic Acid (PFHpA)	ND	2	1.88	94		2.32	116		65-145	21		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.83	2.00	109		2.06	113		60-150	3		30
Perfluorooctanoic Acid (PFOA)	ND	2	2.21	111		2.12	106		70-150	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.59	8.54	112		8.43	111		55-200	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	2.09	110		2.12	112		65-155	1		30
Perfluorononanoic Acid (PFNA)	ND	2	2.10	105		2.20	110		70-155	5		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.85	1.98	107		1.97	106		65-160	1		30
Perfluorodecanoic Acid (PFDA)	ND	2	2.31	116		2.30	115		70-155	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.67	9.50	124		9.42	123		70-150	1		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	1.60	83		1.61	84		55-140	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2	2.18	109		2.17	109		65-155	0		30
Perfluoroundecanoic Acid (PFUnA)	ND	2	1.99	100		2.37	119		70-155	17		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	1.87	97		1.98	103		40-155	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094399-4 WG2094399-5 QC Sample: L2542924-01 Client ID: 25SB-5 (0-2)												
Perfluorooctanesulfonamide (PFOSA)	ND	2	1.99	100		1.92	96		70-140	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2	2.10	105		2.18	109		65-165	4		30
Perfluorododecanoic Acid (PFDoA)	ND	2	2.15	108		2.06	103		70-150	4		30
Perfluorotridecanoic Acid (PFTrDA)	ND	2	1.57	79		1.58	79		65-150	1		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	2	1.92	96		1.87	94		65-150	3		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.98	9.14	114		9.08	114		70-145	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.55	7.59	101		8.08	107		70-160	6		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.94	1.82	94		1.90	98		25-160	4		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.45	8.03	108		8.73	117		70-150	8		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.53	8.54	113		9.10	121		45-160	6		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	2	2.03	102		2.08	104		70-155	2		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	2	2.06	103		2.04	102		70-140	1		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	20	21.5	108		20.9	105		70-140	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	20	22.0	110		20.7	104		70-135	6		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.99	4.38	110		4.38	110		30-140	0		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.99	4.84	121		5.10	128		60-150	5		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.56	3.81	107		3.61	101		70-140	5		30
Nonafluoro-3,6-Dioxaheptanoic	ND	3.99	4.20	105		4.29	107		60-155	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094399-4 WG2094399-5 QC Sample: L2542924-01 Client ID: 25SB-5 (0-2)												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.98	10.7	107		10.9	109		45-130	2		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.9	51.4	103		49.9	100		60-130	3		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.9	52.7	106		52.4	105		60-150	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		105		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		95		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		105		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		90		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		102		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		117		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77		91		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112		**137**	Q	40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	92		115		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		105		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		95		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111		85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106		98		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		101		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094399-4 WG2094399-5 QC Sample: L2542924-01 Client ID: 25SB-5 (0-2)

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		102		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**136**	Q	119		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		102		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		93		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		101		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		100		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		97		40-130

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2542924-01
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/09/25 08:10
Date Received: 07/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	59.7		%	0.100	0.100	1	-	07/12/25 19:52	121,2540G	EKP

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2542924

Report Date: 07/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2089928-1 QC Sample: L2543716-07 Client ID: DUP Sample						
Solids, Total	67.5	66.1	%	2		10

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542924-01A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-TS(7),A2-NY-1633(90)
L2542924-01B	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-TS(7),A2-NY-1633(90)

Container Comments

L2542924-01B	Sample container collection time 08:15

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542924
Report Date: 07/30/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2542924
Project Number:	25030019	**Report Date:**	07/30/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2542924
Project Number:	25030019	**Report Date:**	07/30/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2542924
Project Number:	25030019	**Report Date:**	07/30/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542924
Report Date: 07/30/25

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/10/25

Pace Job #: L2542924

Client Information
Client: Vektor Consultants
Address: 37 W 37th St NY, NY 10018
Phone:
Fax:
Email: vchang@vektorconsultants.com

Project Information
Project Name: 601-607 Union St
Project Location: Brooklyn, NY
Project #: 250300.18
(Use Project name as Project #): ☐
Project Manager: Ezgi Kayel/Nikki Chang
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #: 250300.18

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
CAT B Deliverables w/Equis EDDs

Please specify Metals or TAL.

ANALYSIS
TCL VOA + 1,4-Dioxane

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total # Bottles

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
42924-01	255B-SG-2MS	7/9/25	0810	S	BN	
-02	255B-SG-2MSD	7/9/25	0815	S	BN	

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Ben Nemm	7/9/25 1630	WIH PACE	7/9/25 1705
WIH PACE	7/9/25 2020	Anthony Green	JUL 09 2025 2030
Anthony Green	HOLD		HOLD

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Ed Mendoza ASC 7/10/25 1530 Ed. Ed Mendoza ASC 7/10/25 2340 Batch Bld 7/10/25 04:45 7/10/25 25:40

Sample Delivery Group Summary

Pace Job Number : L2542924

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 09-JUL-2025
Reviewer : Bethany Bedard

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2542924-01: 09-JUL-25 08:15 vs. 09-JUL-25 08:10	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2545792
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	08/01/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2545792-01	25SB-7 (0-2)	SOIL	BROOKLYN, NY	07/08/25 11:00	07/08/25
L2545792-02	25SB-7 (12-13)	SOIL	BROOKLYN, NY	07/08/25 11:15	07/08/25
L2545792-03	25SB-8 (1-3)	SOIL	BROOKLYN, NY	07/08/25 11:55	07/08/25
L2545792-04	25SB-8 (11-12)	SOIL	BROOKLYN, NY	07/08/25 12:10	07/08/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/01/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-01
Client ID: 25SB-7 (0-2)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.842		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 18:58	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-02
Client ID: 25SB-7 (12-13)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.88		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:01	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-03
Client ID: 25SB-8 (1-3)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.36		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:04	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-04
Client ID: 25SB-8 (11-12)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	6.18		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:08	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-04 Batch: WG2095937-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 18:40	1,6010D	CEY

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/21/25 17:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 01-04		Batch: WG2095937-2					
Lead, TCLP	94		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2095937-3 QC Sample: L2545590-01 Client ID: MS Sample												
Lead, TCLP	ND	5.3	4.91	93		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2545792

Report Date: 08/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2095937-4 QC Sample: L2545590-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2545792-01G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-02G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-02X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-02X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-03G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-03X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-04G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-04X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-04X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

7/29 PW

L2545792

Pace

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/9/25

Pace Job #: L2545792

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST, NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 250300 9
(Use Project name as Project #)
Project Manager: EZGI KARAVEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
CAT B DELIVERABLES W/ EQuIS EDP,

Please specify Metals or TAL. TAL METALS

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #:

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERBS	PCBs	TAL METALS + HG	1,4-DIOXANE	PFOA	TCLP-PB
~~12557~~-01	25SB-7 (0-2)	7/8/2025	1100	SOIL	BN	X	X	X	X	X	X	X	X
45792 -02	25SB-7 (12-13)		1115			X	X	X	X	X	X	X	X
-03	25SB-8 (1-3)		1155			X	X	X	X	X	X	X	X
-04	25SB-9 (11-12)		1210			X	X	X	X	X	X	X	X
~~-05~~	TRIP BLANK		1120	AQ	—	X							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
Total Bottle
Sample Specific Comments

Container Type: V A A A A A P
Preservative: B A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other
Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/2025 1641	WIFI Pace 1650	7/8/25
WIFI Pace	7/8/25 2030	Anthony Green	JUL 09 2025
Anthony Green			
	0555		0555

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2545792

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 08-JUL-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.1	
B	Absent/	Ice	3.1	
C	Absent/	Ice	2.3	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX H

LABORATORY ANALYTICAL REPORTS FOR METALS DELINEATION IN SOIL

ANALYTICAL REPORT

Lab Number:	L2552999
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601 UNION STREET
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2552999-01	25SB-11X (7'-8')	SOIL	BROOKLYN, NY	08/21/25 14:10	08/21/25
L2552999-02	25SB-11X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 14:11	08/21/25
L2552999-03	25SB-11X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 14:11	08/21/25
L2552999-04	25SB-11X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 14:13	08/21/25
L2552999-05	25SB-11X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 14:14	08/21/25
L2552999-07	25SB-10X (7'-8')	SOIL	BROOKLYN, NY	08/21/25 13:48	08/21/25
L2552999-08	25SB-10X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 13:46	08/21/25
L2552999-09	25SB-10X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 13:47	08/21/25
L2552999-10	25SB-10X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 13:48	08/21/25
L2552999-11	25SB-10X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 13:49	08/21/25
L2552999-12	25SB-10X (20'-22')	SOIL	BROOKLYN, NY	08/21/25 13:50	08/21/25
L2552999-13	25SB-10X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 13:51	08/21/25
L2552999-14	25SB-10X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 13:52	08/21/25
L2552999-15	25SB-10X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 13:53	08/21/25
L2552999-16	25SB-10X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 13:54	08/21/25
L2552999-17	25SB-6X (6'-7')	SOIL	BROOKLYN, NY	08/21/25 09:25	08/21/25
L2552999-18	25SB-6X (7'-8')	SOIL	BROOKLYN, NY	08/21/25 09:27	08/21/25
L2552999-19	25SB-6X (9'-10')	SOIL	BROOKLYN, NY	08/21/25 09:29	08/21/25
L2552999-20	25SB-6X (10'-12')	SOIL	BROOKLYN, NY	08/21/25 09:47	08/21/25
L2552999-21	25SB-6X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 09:54	08/21/25
L2552999-22	25SB-6X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 09:58	08/21/25
L2552999-23	25SB-6X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 10:08	08/21/25
L2552999-24	25SB-6X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 10:10	08/21/25
L2552999-25	25SB-6X (20'-22')	SOIL	BROOKLYN, NY	08/21/25 10:12	08/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2552999-26	25SB-6X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 10:19	08/21/25
L2552999-27	25SB-6X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 10:18	08/21/25
L2552999-28	25SB-6X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 10:20	08/21/25
L2552999-29	25SB-6X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 10:22	08/21/25
L2552999-30	25SB-4X (6'-7')	SOIL	BROOKLYN, NY	08/21/25 11:00	08/21/25
L2552999-31	25SB-4X (7'-8')	SOIL	BROOKLYN, NY	08/21/25 11:03	08/21/25
L2552999-32	25SB-4X (9'-10')	SOIL	BROOKLYN, NY	08/21/25 11:05	08/21/25
L2552999-33	25SB-4X (13'-15')	SOIL	BROOKLYN, NY	08/21/25 11:06	08/21/25
L2552999-34	25SB-4X (15'-17')	SOIL	BROOKLYN, NY	08/21/25 11:07	08/21/25
L2552999-35	25SB-4X (17'-19')	SOIL	BROOKLYN, NY	08/21/25 11:08	08/21/25
L2552999-36	25SB-4X (19'-21')	SOIL	BROOKLYN, NY	08/21/25 11:09	08/21/25
L2552999-37	25SB-4X (21'-23')	SOIL	BROOKLYN, NY	08/21/25 11:10	08/21/25
L2552999-38	25SB-4X (23'-25')	SOIL	BROOKLYN, NY	08/21/25 11:11	08/21/25
L2552999-39	25SB-4X (25'-27')	SOIL	BROOKLYN, NY	08/21/25 11:12	08/21/25
L2552999-40	25SB-4X (27'-29')	SOIL	BROOKLYN, NY	08/21/25 11:13	08/21/25
L2552999-41	25SB-4X (29'-30')	SOIL	BROOKLYN, NY	08/21/25 11:14	08/21/25
L2552999-42	25SB-5X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 11:30	08/21/25
L2552999-43	25SB-5X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 11:31	08/21/25
L2552999-44	25SB-5X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 11:32	08/21/25
L2552999-45	25SB-5X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 11:33	08/21/25
L2552999-46	25SB-5X (20'-22')	SOIL	BROOKLYN, NY	08/21/25 11:34	08/21/25
L2552999-47	25SB-5X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 11:35	08/21/25
L2552999-48	25SB-5X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 11:36	08/21/25
L2552999-49	25SB-5X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 11:37	08/21/25
L2552999-50	25SB-5X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 11:38	08/21/25
L2552999-51	25SB-9X (2'-4')	SOIL	BROOKLYN, NY	08/21/25 12:45	08/21/25
L2552999-52	25SB-9X (4'-6')	SOIL	BROOKLYN, NY	08/21/25 12:46	08/21/25
L2552999-53	25SB-9X (6'-8')	SOIL	BROOKLYN, NY	08/21/25 12:47	08/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2552999-54	25SB-9X (8'-10')	SOIL	BROOKLYN, NY	08/21/25 12:48	08/21/25
L2552999-55	25SB-9X (10-12')	SOIL	BROOKLYN, NY	08/21/25 12:49	08/21/25
L2552999-56	25SB-9X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 12:50	08/21/25
L2552999-57	25SB-9X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 12:51	08/21/25
L2552999-58	25SB-9X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 12:52	08/21/25
L2552999-59	25SB-9X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 12:53	08/21/25
L2552999-60	25SB-9X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 12:56	08/21/25
L2552999-61	25SB-9X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 12:57	08/21/25
L2552999-62	25SB-9X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 12:58	08/21/25

Project Name:	601 UNION STREET	**Lab Number:**	L2552999
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601 UNION STREET	**Lab Number:**	L2552999
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

September 04, 2025: This final report includes the results of all requested analyses.

August 28, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L2552999-52: The sample identified as "25SB-9X (2'-6')" on the chain of custody was identified as "25SB-9X (4'-6')" on the container label. At the client's request, the sample is reported as "25SB-9X (4'-6')".

L2552999-57 and -58: The sample containers were received empty.

Total Metals

L2552999-01, -07, -17, -19, -30, -32, and -51: The sample has an elevated detection limit due to the dilution required by the sample matrix.

L2552999-02, -08, -21, -33, -42, and -56: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2106995-3 MS recoveries performed on L2552999-02 do not apply for aluminum (0%), calcium (0%), iron (0%), lead (275%) and magnesium (0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2106995-3 MS recoveries performed on L2552999-02 are outside the acceptance criteria for antimony (51%), manganese (68%) and potassium (63%). A post digestion spike was performed and was within acceptance criteria.

The WG2106995-4 Laboratory Duplicate RPDs performed on L2552999-02 are outside the acceptance criteria for barium (39%), iron (28%), lead (31%) and selenium (31%) due to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 09/04/25

ORGANICS

VOLATILES

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/03/25 10:45
Analyst: MNF
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.28	1
Benzene	ND		ug/kg	0.86	0.28	1
Toluene	ND		ug/kg	1.7	0.93	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	4.7		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.96	1
o-Xylene	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	24		ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	15	J	ug/kg	17	3.8	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
Methyl Acetate	ND		ug/kg	6.9	1.6	1
Cyclohexane	ND		ug/kg	17	0.93	1
1,4-Dioxane	ND		ug/kg	140	60.	1
Freon-113	ND		ug/kg	6.9	1.2	1
Methyl cyclohexane	ND		ug/kg	6.9	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	98		70-130

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/03/25 08:40
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG2110601-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.79	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/03/25 08:40
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG2110601-5					
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/03/25 08:40
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG2110601-5					
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG2110601-3 WG2110601-4								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	103		98		70-130	5		30
Chloroform	100		96		70-130	4		30
Carbon tetrachloride	98		96		70-130	2		30
1,2-Dichloropropane	100		97		70-130	3		30
Dibromochloromethane	94		91		70-130	3		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	110		106		70-130	4		30
Chlorobenzene	105		101		70-130	4		30
Trichlorofluoromethane	100		95		70-139	5		30
1,2-Dichloroethane	94		90		70-130	4		30
1,1,1-Trichloroethane	101		97		70-130	4		30
Bromodichloromethane	99		96		70-130	3		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
cis-1,3-Dichloropropene	103		100		70-130	3		30
Bromoform	85		85		70-130	0		30
1,1,2,2-Tetrachloroethane	93		92		70-130	1		30
Benzene	106		101		70-130	5		30
Toluene	103		99		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG2110601-3 WG2110601-4								
Ethylbenzene	102		98		70-130	4		30
Chloromethane	112		104		52-130	7		30
Bromomethane	95		88		57-147	8		30
Vinyl chloride	109		104		67-130	5		30
Chloroethane	111		102		50-151	8		30
1,1-Dichloroethene	103		100		65-135	3		30
trans-1,2-Dichloroethene	107		101		70-130	6		30
Trichloroethene	112		107		70-130	5		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	99		94		70-130	5		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	107		103		70-130	4		30
o-Xylene	107		104		70-130	3		30
cis-1,2-Dichloroethene	101		95		70-130	6		30
Styrene	106		103		70-130	3		30
Dichlorodifluoromethane	101		97		30-146	4		30
Acetone	54		55		54-140	2		30
Carbon disulfide	108		102		59-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG2110601-3 WG2110601-4								
2-Butanone	75		76		70-130	1		30
4-Methyl-2-pentanone	90		92		70-130	2		30
2-Hexanone	82		83		70-130	1		30
Bromochloromethane	96		92		70-130	4		30
1,2-Dibromoethane	93		92		70-130	1		30
1,2-Dibromo-3-chloropropane	81		84		68-130	4		30
Isopropylbenzene	102		98		70-130	4		30
1,2,3-Trichlorobenzene	100		96		70-130	4		30
1,2,4-Trichlorobenzene	100		97		70-130	3		30
Methyl Acetate	91		90		51-146	1		30
Cyclohexane	112		109		59-142	3		30
1,4-Dioxane	92		97		65-136	5		30
Freon-113	104		98		50-139	6		30
Methyl cyclohexane	108		104		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG2110601-3 WG2110601-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/04/25 10:02
Analyst: IMK
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 08/29/25 09:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	8300		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	3900		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	18000	E	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	840		ug/kg	220	78.	1
Butyl benzyl phthalate	93	J	ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	77.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	1500		ug/kg	140	25.	1
Benzo(a)pyrene	1500		ug/kg	180	55.	1

Project Name: 601 UNION STREET **Lab Number:** L2552999

Project Number: 25030019 **Report Date:** 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08 Date Collected: 08/21/25 13:46

Client ID: 25SB-10X (12'-14') Date Received: 08/21/25

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1500		ug/kg	140	38.	1
Benzo(k)fluoranthene	480		ug/kg	140	36.	1
Chrysene	1500		ug/kg	140	23.	1
Acenaphthylene	340		ug/kg	180	35.	1
Anthracene	3400		ug/kg	140	44.	1
Benzo(ghi)perylene	1000		ug/kg	180	26.	1
Fluorene	4300		ug/kg	220	22.	1
Phenanthrene	10000	E	ug/kg	140	27.	1
Dibenzo(a,h)anthracene	160		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	750		ug/kg	180	31.	1
Pyrene	5100		ug/kg	140	22.	1
Biphenyl	1400		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	120	J	ug/kg	220	21.	1
2-Methylnaphthalene	3700		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	24.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	96	J	ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	69	J	ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	31		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	45		18-120

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08 D
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/31/25 23:58
Analyst: IMK
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 08/29/25 09:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	30000		ug/kg	1100	140	5
Phenanthrene	14000		ug/kg	680	140	5

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/31/25 17:30
Analyst: CMM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	810		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	84	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	190	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	330		ug/kg	140	26.	1
Benzo(a)pyrene	400		ug/kg	190	57.	1

Project Name: 601 UNION STREET **Lab Number:** L2552999

Project Number: 25030019 **Report Date:** 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21 Date Collected: 08/21/25 09:54

Client ID: 25SB-6X (12'-14') Date Received: 08/21/25

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	480		ug/kg	140	39.	1
Benzo(k)fluoranthene	180		ug/kg	140	37.	1
Chrysene	370		ug/kg	140	24.	1
Acenaphthylene	97	J	ug/kg	190	36.	1
Anthracene	89	J	ug/kg	140	46.	1
Benzo(ghi)perylene	260		ug/kg	190	27.	1
Fluorene	60	J	ug/kg	230	23.	1
Phenanthrene	530		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	58	J	ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	190	32.	1
Pyrene	660		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	45	J	ug/kg	230	22.	1
2-Methylnaphthalene	29	J	ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	160	J	ug/kg	340	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Carbazole	73	J	ug/kg	230	23.	1
Atrazine	ND		ug/kg	190	82.	1
Benzaldehyde	120	J	ug/kg	310	63.	1

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	71.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	47.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	56		18-120

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/26/25 16:35
Analyst: HNY
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	8800	E	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	1100		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	4600		ug/kg	130	24.	1
Benzo(a)pyrene	3800		ug/kg	170	51.	1

Project Name: 601 UNION STREET **Lab Number:** L2552999

Project Number: 25030019 **Report Date:** 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33 Date Collected: 08/21/25 11:06

Client ID: 25SB-4X (13'-15') Date Received: 08/21/25

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	5000		ug/kg	130	35.	1
Benzo(k)fluoranthene	1100		ug/kg	130	34.	1
Chrysene	4000		ug/kg	130	22.	1
Acenaphthylene	690		ug/kg	170	32.	1
Anthracene	2200		ug/kg	130	41.	1
Benzo(ghi)perylene	2100		ug/kg	170	25.	1
Fluorene	1200		ug/kg	210	20.	1
Phenanthrene	8700	E	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	540		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	170	29.	1
Pyrene	7700		ug/kg	130	21.	1
Biphenyl	150	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	830		ug/kg	210	20.	1
2-Methylnaphthalene	490		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	69	J	ug/kg	210	32.	1
2-Methylphenol	35	J	ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	640		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	35		18-120

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33 D
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/04/25 09:16
Analyst: IMK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	13000		ug/kg	630	120	5
Phenanthrene	14000		ug/kg	630	130	5

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/31/25 15:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21,33 Batch: WG2106856-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/31/25 15:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21,33 Batch: WG2106856-1					
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/31/25 15:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21,33 Batch: WG2106856-1					
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/31/25 15:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/25/25 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21,33 Batch: WG2106856-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	73		18-120

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/29/25 11:49
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/28/25 17:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2108602-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/29/25 11:49
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/28/25 17:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2108602-1					
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/29/25 11:49
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/28/25 17:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2108602-1					
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/29/25 11:49
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 08/28/25 17:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2108602-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21,33 Batch: WG2106856-2 WG2106856-3								
Acenaphthene	70		66		31-137	6		50
Hexachlorobenzene	67		63		40-140	6		50
Bis(2-chloroethyl)ether	62		59		40-140	5		50
2-Chloronaphthalene	62		58		40-140	7		50
3,3'-Dichlorobenzidine	62		60		40-140	3		50
2,4-Dinitrotoluene	79		71		40-132	11		50
2,6-Dinitrotoluene	67		62		40-140	8		50
Fluoranthene	69		67		40-140	3		50
4-Chlorophenyl phenyl ether	66		61		40-140	8		50
4-Bromophenyl phenyl ether	66		60		40-140	10		50
Bis(2-chloroisopropyl)ether	61		59		40-140	3		50
Bis(2-chloroethoxy)methane	64		61		40-117	5		50
Hexachlorobutadiene	48		48		40-140	0		50
Hexachlorocyclopentadiene	58		56		40-140	4		50
Hexachloroethane	65		61		40-140	6		50
Isophorone	58		55		40-140	5		50
Naphthalene	63		62		40-140	2		50
Nitrobenzene	59		56		40-140	5		50
NDPA/DPA	72		68		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21,33 Batch: WG2106856-2 WG2106856-3								
n-Nitrosodi-n-propylamine	58		54		32-121	7		50
Bis(2-ethylhexyl)phthalate	88		85		40-140	3		50
Butyl benzyl phthalate	89		87		40-140	2		50
Di-n-butylphthalate	79		76		40-140	4		50
Di-n-octylphthalate	91		88		40-140	3		50
Diethyl phthalate	73		68		40-140	7		50
Dimethyl phthalate	62		58		40-140	7		50
Benzo(a)anthracene	66		64		40-140	3		50
Benzo(a)pyrene	73		70		40-140	4		50
Benzo(b)fluoranthene	71		68		40-140	4		50
Benzo(k)fluoranthene	68		68		40-140	0		50
Chrysene	67		64		40-140	5		50
Acenaphthylene	69		64		40-140	8		50
Anthracene	70		67		40-140	4		50
Benzo(ghi)perylene	68		66		40-140	3		50
Fluorene	71		67		40-140	6		50
Phenanthrene	68		66		40-140	3		50
Dibenzo(a,h)anthracene	69		68		40-140	1		50
Indeno(1,2,3-cd)pyrene	70		66		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21,33 Batch: WG2106856-2 WG2106856-3								
Pyrene	67		66		35-142	2		50
Biphenyl	64		60		37-127	6		50
4-Chloroaniline	43		40		40-140	7		50
2-Nitroaniline	78		73		47-134	7		50
3-Nitroaniline	74		71		26-129	4		50
4-Nitroaniline	78		72		41-125	8		50
Dibenzofuran	69		64		40-140	8		50
2-Methylnaphthalene	61		58		40-140	5		50
1,2,4,5-Tetrachlorobenzene	55		55		40-117	0		50
Acetophenone	65		62		14-144	5		50
2,4,6-Trichlorophenol	61		58		30-130	5		50
p-Chloro-m-cresol	64		60		26-103	6		50
2-Chlorophenol	74		71		25-102	4		50
2,4-Dichlorophenol	69		65		30-130	6		50
2,4-Dimethylphenol	73		68		30-130	7		50
2-Nitrophenol	79		78		30-130	1		50
4-Nitrophenol	74		70		11-114	6		50
2,4-Dinitrophenol	76		68		4-130	11		50
4,6-Dinitro-o-cresol	83		76		10-130	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21,33 Batch: WG2106856-2 WG2106856-3								
Pentachlorophenol	66		59		17-109	11		50
Phenol	61		57		26-90	7		50
2-Methylphenol	70		66		30-130	6		50
3-Methylphenol/4-Methylphenol	73		69		30-130	6		50
2,4,5-Trichlorophenol	68		62		30-130	9		50
Carbazole	72		71		54-128	1		50
Atrazine	70		66		40-140	6		50
Benzaldehyde	56		58		40-140	4		50
Caprolactam	72		69		15-130	4		50
2,3,4,6-Tetrachlorophenol	68		66		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		71		25-120
Phenol-d6	69		65		10-120
Nitrobenzene-d5	60		59		23-120
2-Fluorobiphenyl	60		57		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	71		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2108602-2 WG2108602-3								
Acenaphthene	61		60		31-137	2		50
Hexachlorobenzene	69		71		40-140	3		50
Bis(2-chloroethyl)ether	62		62		40-140	0		50
2-Chloronaphthalene	62		63		40-140	2		50
3,3'-Dichlorobenzidine	47		50		40-140	6		50
2,4-Dinitrotoluene	82		81		40-132	1		50
2,6-Dinitrotoluene	72		76		40-140	5		50
Fluoranthene	60		59		40-140	2		50
4-Chlorophenyl phenyl ether	61		61		40-140	0		50
4-Bromophenyl phenyl ether	63		64		40-140	2		50
Bis(2-chloroisopropyl)ether	58		57		40-140	2		50
Bis(2-chloroethoxy)methane	65		64		40-117	2		50
Hexachlorobutadiene	55		54		40-140	2		50
Hexachlorocyclopentadiene	**18**	Q	**19**	Q	40-140	5		50
Hexachloroethane	71		66		40-140	7		50
Isophorone	65		66		40-140	2		50
Naphthalene	60		60		40-140	0		50
Nitrobenzene	70		69		40-140	1		50
NDPA/DPA	67		61		36-157	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2108602-2 WG2108602-3								
n-Nitrosodi-n-propylamine	66		65		32-121	2		50
Bis(2-ethylhexyl)phthalate	74		77		40-140	4		50
Butyl benzyl phthalate	75		75		40-140	0		50
Di-n-butylphthalate	68		67		40-140	1		50
Di-n-octylphthalate	76		76		40-140	0		50
Diethyl phthalate	72		71		40-140	1		50
Dimethyl phthalate	63		65		40-140	3		50
Benzo(a)anthracene	56		56		40-140	0		50
Benzo(a)pyrene	65		63		40-140	3		50
Benzo(b)fluoranthene	60		61		40-140	2		50
Benzo(k)fluoranthene	62		62		40-140	0		50
Chrysene	59		60		40-140	2		50
Acenaphthylene	62		64		40-140	3		50
Anthracene	61		60		40-140	2		50
Benzo(ghi)perylene	59		58		40-140	2		50
Fluorene	67		66		40-140	2		50
Phenanthrene	61		61		40-140	0		50
Dibenzo(a,h)anthracene	62		62		40-140	0		50
Indeno(1,2,3-cd)pyrene	60		60		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2108602-2 WG2108602-3								
Pyrene	58		59		35-142	2		50
Biphenyl	63		65		37-127	3		50
4-Chloroaniline	57		63		40-140	10		50
2-Nitroaniline	80		81		47-134	1		50
3-Nitroaniline	63		65		26-129	3		50
4-Nitroaniline	74		70		41-125	6		50
Dibenzofuran	63		63		40-140	0		50
2-Methylnaphthalene	61		61		40-140	0		50
1,2,4,5-Tetrachlorobenzene	57		58		40-117	2		50
Acetophenone	72		73		14-144	1		50
2,4,6-Trichlorophenol	60		62		30-130	3		50
p-Chloro-m-cresol	70		71		26-103	1		50
2-Chlorophenol	67		66		25-102	2		50
2,4-Dichlorophenol	71		73		30-130	3		50
2,4-Dimethylphenol	70		71		30-130	1		50
2-Nitrophenol	79		80		30-130	1		50
4-Nitrophenol	60		61		11-114	2		50
2,4-Dinitrophenol	81		75		4-130	8		50
4,6-Dinitro-o-cresol	86		82		10-130	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2108602-2 WG2108602-3								
Pentachlorophenol	45		46		17-109	2		50
Phenol	68		65		26-90	5		50
2-Methylphenol	69		71		30-130	3		50
3-Methylphenol/4-Methylphenol	74		78		30-130	5		50
2,4,5-Trichlorophenol	61		64		30-130	5		50
Carbazole	62		62		54-128	0		50
Atrazine	71		71		40-140	0		50
Benzaldehyde	64		62		40-140	3		50
Caprolactam	83		88		15-130	6		50
2,3,4,6-Tetrachlorophenol	64		61		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		69		25-120
Phenol-d6	71		67		10-120
Nitrobenzene-d5	69		68		23-120
2-Fluorobiphenyl	58		58		30-120
2,4,6-Tribromophenol	70		71		10-136
4-Terphenyl-d14	59		59		18-120

METALS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-01
Client ID: 25SB-11X (7'-8')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 86%

Date Collected: 08/21/25 14:10
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	11.0		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:23	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-01
Client ID: 25SB-11X (7'-8')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:10
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	549		mg/kg	4.48	0.213	2	08/25/25 19:53	08/26/25 17:19	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-02
Client ID: 25SB-11X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5550		mg/kg	10.3	3.36	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	5.16	3.97	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Arsenic, Total	24.4		mg/kg	1.03	0.446	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Barium, Total	211		mg/kg	1.03	0.109	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.403	J	mg/kg	0.516	0.057	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Cadmium, Total	0.220	J	mg/kg	1.03	0.057	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Calcium, Total	24400		mg/kg	10.3	5.85	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Chromium, Total	9.29		mg/kg	1.03	0.876	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Cobalt, Total	5.34		mg/kg	2.06	0.256	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Copper, Total	61.6		mg/kg	1.03	0.234	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Iron, Total	10800		mg/kg	5.16	1.08	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Lead, Total	508		mg/kg	5.16	0.246	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Magnesium, Total	4590		mg/kg	10.3	1.68	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Manganese, Total	117		mg/kg	1.03	0.553	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Mercury, Total	1.96		mg/kg	0.104	0.068	1	08/25/25 20:03	08/26/25 08:01	EPA 7471B	1,7471B	JWN
Nickel, Total	14.8		mg/kg	2.58	0.834	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Potassium, Total	859		mg/kg	258	52.3	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Selenium, Total	10.2		mg/kg	2.06	0.340	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Silver, Total	0.688		mg/kg	0.516	0.308	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Sodium, Total	263		mg/kg	206	109.	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Thallium, Total	1.79	J	mg/kg	2.06	0.931	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Vanadium, Total	22.8		mg/kg	1.03	0.156	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS
Zinc, Total	117		mg/kg	5.16	0.626	2	08/25/25 19:53	08/26/25 15:57	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-07
Client ID: 25SB-10X (7'-8')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 77%

Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	41.2		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:25	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-07
Client ID: 25SB-10X (7'-8')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 77%

Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	516		mg/kg	24.5	1.17	10	08/25/25 19:53	08/26/25 19:23	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4720		mg/kg	10.7	3.47	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	5.33	4.10	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Arsenic, Total	12.6		mg/kg	1.07	0.461	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Barium, Total	168		mg/kg	1.07	0.113	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.196	J	mg/kg	0.533	0.059	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Cadmium, Total	1.13		mg/kg	1.07	0.059	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Calcium, Total	16100		mg/kg	10.7	6.05	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Chromium, Total	21.0		mg/kg	1.07	0.904	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Cobalt, Total	5.64		mg/kg	2.13	0.264	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Copper, Total	1200		mg/kg	1.07	0.242	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Iron, Total	18000		mg/kg	5.33	1.12	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Lead, Total	982		mg/kg	5.33	0.254	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Magnesium, Total	4240		mg/kg	10.7	1.74	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Manganese, Total	204		mg/kg	1.07	0.572	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Mercury, Total	4.40		mg/kg	0.219	0.143	2	08/25/25 20:03	08/26/25 09:41	EPA 7471B	1,7471B	JWN
Nickel, Total	18.6		mg/kg	2.67	0.862	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Potassium, Total	416		mg/kg	267	54.1	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Selenium, Total	0.693	J	mg/kg	2.13	0.351	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Silver, Total	0.440	J	mg/kg	0.533	0.318	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Sodium, Total	204	J	mg/kg	213	113.	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Thallium, Total	ND		mg/kg	2.13	0.962	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Vanadium, Total	31.0		mg/kg	1.07	0.161	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS
Zinc, Total	317		mg/kg	5.33	0.646	2	08/25/25 19:53	08/26/25 17:32	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-17
Client ID: 25SB-6X (6'-7')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 82%

Date Collected: 08/21/25 09:25
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.05		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:27	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-17
Client ID: 25SB-6X (6'-7')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:25
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	128		mg/kg	4.86	0.231	2	08/25/25 19:53	08/26/25 17:38	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-19
Client ID: 25SB-6X (9'-10')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 68%

Date Collected: 08/21/25 09:29
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.24		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:29	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-19
Client ID: 25SB-6X (9'-10')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:29
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1330		mg/kg	5.79	0.276	2	08/25/25 19:53	08/26/25 17:44	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3290		mg/kg	10.8	3.50	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	26.9	20.7	10	08/25/25 19:53	08/26/25 19:54	EPA 3050B	1,6010D	LRS
Arsenic, Total	39.9		mg/kg	1.08	0.466	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Barium, Total	514		mg/kg	1.08	0.114	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.308	J	mg/kg	0.539	0.059	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Cadmium, Total	0.346	J	mg/kg	1.08	0.059	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Calcium, Total	5490		mg/kg	10.8	6.11	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Chromium, Total	30.5		mg/kg	1.08	0.914	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Cobalt, Total	9.72		mg/kg	2.16	0.267	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Copper, Total	95.0		mg/kg	1.08	0.245	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Iron, Total	47500		mg/kg	5.39	1.13	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Lead, Total	745		mg/kg	5.39	0.256	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Magnesium, Total	410		mg/kg	10.8	1.76	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Manganese, Total	176		mg/kg	1.08	0.578	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Mercury, Total	0.320		mg/kg	0.089	0.058	1	08/25/25 20:03	08/26/25 08:24	EPA 7471B	1,7471B	JWN
Nickel, Total	31.4		mg/kg	2.69	0.871	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Potassium, Total	345		mg/kg	269	54.6	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Selenium, Total	2.88		mg/kg	2.16	0.354	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Silver, Total	ND		mg/kg	0.539	0.321	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Sodium, Total	178	J	mg/kg	216	114.	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Thallium, Total	1.29	J	mg/kg	2.16	0.972	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Vanadium, Total	32.7		mg/kg	1.08	0.163	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS
Zinc, Total	725		mg/kg	5.39	0.653	2	08/25/25 19:53	08/26/25 17:51	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-30
Client ID: 25SB-4X (6'-7')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 69%

Date Collected: 08/21/25 11:00
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	38.6		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:31	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-30
Client ID: 25SB-4X (6'-7')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:00
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1140		mg/kg	5.63	0.268	2	08/25/25 19:53	08/26/25 18:45	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-32
Client ID: 25SB-4X (9'-10')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 08/21/25 11:05
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	12.0		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 13:22	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-32
Client ID: 25SB-4X (9'-10')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 08/21/25 11:05
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	435		mg/kg	4.67	0.222	2	08/25/25 19:53	08/26/25 18:52	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4920		mg/kg	9.62	3.13	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	4.81	3.70	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Arsenic, Total	6.57		mg/kg	0.962	0.416	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Barium, Total	63.7		mg/kg	0.962	0.102	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.220	J	mg/kg	0.481	0.053	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Cadmium, Total	ND		mg/kg	0.962	0.053	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Calcium, Total	6420		mg/kg	9.62	5.46	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Chromium, Total	16.4		mg/kg	0.962	0.816	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Cobalt, Total	5.07		mg/kg	1.92	0.239	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Copper, Total	56.1		mg/kg	0.962	0.218	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Iron, Total	11200		mg/kg	4.81	1.01	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Lead, Total	410		mg/kg	4.81	0.229	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Magnesium, Total	1970		mg/kg	9.62	1.57	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Manganese, Total	180		mg/kg	0.962	0.516	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Mercury, Total	1.09		mg/kg	0.088	0.057	1	08/25/25 20:03	08/26/25 08:34	EPA 7471B	1,7471B	JWN
Nickel, Total	18.6		mg/kg	2.40	0.778	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Potassium, Total	515		mg/kg	240	48.8	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Selenium, Total	0.805	J	mg/kg	1.92	0.317	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Silver, Total	ND		mg/kg	0.481	0.287	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Sodium, Total	138	J	mg/kg	192	102.	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Thallium, Total	ND		mg/kg	1.92	0.868	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Vanadium, Total	14.2		mg/kg	0.962	0.145	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS
Zinc, Total	82.4		mg/kg	4.81	0.583	2	08/25/25 19:53	08/26/25 18:58	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-42
Client ID: 25SB-5X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:30
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3990		mg/kg	10.6	3.46	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	5.32	4.09	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Arsenic, Total	18.6		mg/kg	1.06	0.459	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Barium, Total	81.0		mg/kg	1.06	0.113	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.144	J	mg/kg	0.532	0.059	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Cadmium, Total	ND		mg/kg	1.06	0.059	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Calcium, Total	35000		mg/kg	10.6	6.03	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Chromium, Total	11.6		mg/kg	1.06	0.902	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Cobalt, Total	6.09		mg/kg	2.13	0.264	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Copper, Total	29.9		mg/kg	1.06	0.241	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Iron, Total	16000		mg/kg	5.32	1.12	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Lead, Total	179		mg/kg	5.32	0.253	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Magnesium, Total	2930		mg/kg	10.6	1.73	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Manganese, Total	224		mg/kg	1.06	0.570	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Mercury, Total	1.10		mg/kg	0.108	0.071	1	08/25/25 20:03	08/26/25 08:38	EPA 7471B	1,7471B	JWN
Nickel, Total	13.5		mg/kg	2.66	0.859	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Potassium, Total	614		mg/kg	266	53.9	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Selenium, Total	3.07		mg/kg	2.13	0.350	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Silver, Total	ND		mg/kg	0.532	0.317	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Sodium, Total	264		mg/kg	213	113.	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Thallium, Total	ND		mg/kg	2.13	0.959	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Vanadium, Total	16.9		mg/kg	1.06	0.160	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS
Zinc, Total	62.4		mg/kg	5.32	0.644	2	08/25/25 19:53	08/26/25 19:05	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-51
Client ID: 25SB-9X (2'-4')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 73%

Date Collected: 08/21/25 12:45
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/25/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	16.0		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 13:24	EPA 3015	1,6010D	JMF

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-51
Client ID: 25SB-9X (2'-4')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 73%

Date Collected: 08/21/25 12:45
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	211		mg/kg	5.32	0.253	2	08/25/25 19:53	08/26/25 19:11	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-56
Client ID: 25SB-9X (12'-14')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:50
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2450		mg/kg	12.0	3.89	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Antimony, Total	ND		mg/kg	5.99	4.61	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Arsenic, Total	11.8		mg/kg	1.20	0.518	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Barium, Total	291		mg/kg	1.20	0.127	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Beryllium, Total	0.248	J	mg/kg	0.599	0.066	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Cadmium, Total	ND		mg/kg	1.20	0.066	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Calcium, Total	7140		mg/kg	12.0	6.79	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Chromium, Total	8.38		mg/kg	1.20	1.02	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Cobalt, Total	3.61		mg/kg	2.40	0.297	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Copper, Total	30.8		mg/kg	1.20	0.272	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Iron, Total	9360		mg/kg	5.99	1.26	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Lead, Total	425		mg/kg	5.99	0.285	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Magnesium, Total	639		mg/kg	12.0	1.95	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Manganese, Total	95.9		mg/kg	1.20	0.642	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Mercury, Total	0.665		mg/kg	0.124	0.081	1	08/25/25 20:03	08/26/25 08:41	EPA 7471B	1,7471B	JWN
Nickel, Total	8.12		mg/kg	3.00	0.968	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Potassium, Total	348		mg/kg	300	60.8	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Selenium, Total	1.09	J	mg/kg	2.40	0.394	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Silver, Total	ND		mg/kg	0.599	0.357	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Sodium, Total	160	J	mg/kg	240	127.	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Thallium, Total	ND		mg/kg	2.40	1.08	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Vanadium, Total	14.2		mg/kg	1.20	0.181	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS
Zinc, Total	89.2		mg/kg	5.99	0.726	2	08/25/25 19:53	08/26/25 19:17	EPA 3050B	1,6010D	LRS

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 Batch: WG2106995-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Antimony, Total	ND		mg/kg	2.00	1.54	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Arsenic, Total	ND		mg/kg	0.400	0.173	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Barium, Total	ND		mg/kg	0.400	0.042	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Beryllium, Total	ND		mg/kg	0.200	0.022	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Cadmium, Total	ND		mg/kg	0.400	0.022	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Calcium, Total	ND		mg/kg	4.00	2.27	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Chromium, Total	ND		mg/kg	0.400	0.339	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Cobalt, Total	ND		mg/kg	0.800	0.099	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Copper, Total	ND		mg/kg	0.400	0.091	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Iron, Total	1.43	J	mg/kg	2.00	0.420	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Lead, Total	ND		mg/kg	2.00	0.095	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Magnesium, Total	ND		mg/kg	4.00	0.652	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Manganese, Total	ND		mg/kg	0.400	0.214	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Nickel, Total	ND		mg/kg	1.00	0.323	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Potassium, Total	ND		mg/kg	100	20.3	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Selenium, Total	ND		mg/kg	0.800	0.132	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Silver, Total	ND		mg/kg	0.200	0.119	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Sodium, Total	ND		mg/kg	80.0	42.4	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Thallium, Total	ND		mg/kg	0.800	0.361	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Vanadium, Total	ND		mg/kg	0.400	0.060	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS
Zinc, Total	ND		mg/kg	2.00	0.242	1	08/25/25 19:53	08/26/25 15:26	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,08,21,33,42,56 Batch: WG2106997-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/25/25 20:03	08/26/25 07:54	1,7471B	JWN

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,07,17,19,30,32,51 Batch: WG2107237-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/26/25 08:30	08/26/25 12:12	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/25/25 04:40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 Batch: WG2106995-2								
Aluminum, Total	119		-		80-120	-		20
Antimony, Total	104		-		80-120	-		20
Arsenic, Total	105		-		80-120	-		20
Barium, Total	112		-		80-120	-		20
Beryllium, Total	115		-		80-120	-		20
Cadmium, Total	110		-		80-120	-		20
Calcium, Total	116		-		80-120	-		20
Chromium, Total	110		-		80-120	-		20
Cobalt, Total	105		-		80-120	-		20
Copper, Total	108		-		80-120	-		20
Iron, Total	120		-		80-120	-		20
Lead, Total	106		-		80-120	-		20
Magnesium, Total	107		-		80-120	-		20
Manganese, Total	117		-		80-120	-		20
Nickel, Total	106		-		80-120	-		20
Potassium, Total	117		-		80-120	-		20
Selenium, Total	101		-		80-120	-		20
Silver, Total	106		-		80-120	-		20
Sodium, Total	118		-		80-120	-		20
Thallium, Total	105		-		80-120	-		20
Vanadium, Total	110		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 Batch: WG2106995-2					
Zinc, Total	110	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 02,08,21,33,42,56 Batch: WG2106997-2					
Mercury, Total	97	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,07,17,19,30,32,51 Batch: WG2107237-2					
Lead, TCLP	98	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 QC Batch ID: WG2106995-3 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')												
Aluminum, Total	5550	204	5180	**0**	Q	-	-		75-125	-		
Antimony, Total	ND	51.1	26.0	**51**	Q	-	-		75-125	-		
Arsenic, Total	24.4	12.3	38.4	114		-	-		75-125	-		
Barium, Total	211	204	425	105		-	-		75-125	-		
Beryllium, Total	0.403J	5.11	5.55	108		-	-		75-125	-		
Cadmium, Total	0.220J	5.42	4.63	85		-	-		75-125	-		
Calcium, Total	24400	1020	21600	**0**	Q	-	-		75-125	-		
Chromium, Total	9.29	20.4	28.8	95		-	-		75-125	-		
Cobalt, Total	5.34	51.1	53.0	93		-	-		75-125	-		
Copper, Total	61.6	25.6	91.7	118		-	-		75-125	-		
Iron, Total	10800	102	8380	**0**	Q	-	-		75-125	-		
Lead, Total	508	54.2	657	**275**	Q	-	-		75-125	-		
Magnesium, Total	4590	1020	3570	**0**	Q	-	-		75-125	-		
Manganese, Total	117	51.1	152	**68**	Q	-	-		75-125	-		
Nickel, Total	14.8	51.1	63.3	95		-	-		75-125	-		
Potassium, Total	859	1020	1500	**63**	Q	-	-		75-125	-		
Selenium, Total	10.2	12.3	22.9	103		-	-		75-125	-		
Silver, Total	0.688	5.11	5.37	92		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 QC Batch ID: WG2106995-3 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')												
Sodium, Total	263	1020	1330	104		-	-		75-125	-		
Thallium, Total	1.79J	12.3	12.2	99		-	-		75-125	-		
Vanadium, Total	22.8	51.1	73.2	98		-	-		75-125	-		
Zinc, Total	117	51.1	160	84		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 02,08,21,33,42,56 QC Batch ID: WG2106997-3 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')												
Mercury, Total	1.96	2.04	3.95	98		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,07,17,19,30,32,51 QC Batch ID: WG2107237-3 QC Sample: L2552764-01 Client ID: MS Sample												
Lead, TCLP	0.0542J	5.3	5.30	100		-	-		75-125	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 QC Batch ID: WG2106995-4 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')						
Aluminum, Total	5550	5560	mg/kg	0		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	24.4	25.1	mg/kg	3		20
Barium, Total	211	314	mg/kg	**39**	Q	20
Beryllium, Total	0.403J	0.394J	mg/kg	NC		20
Cadmium, Total	0.220J	0.279J	mg/kg	NC		20
Calcium, Total	24400	23200	mg/kg	5		20
Chromium, Total	9.29	9.56	mg/kg	3		20
Cobalt, Total	5.34	4.39	mg/kg	20		20
Copper, Total	61.6	57.4	mg/kg	7		20
Iron, Total	10800	8130	mg/kg	**28**	Q	20
Lead, Total	508	694	mg/kg	**31**	Q	20
Magnesium, Total	4590	5030	mg/kg	9		20
Manganese, Total	117	97.0	mg/kg	19		20
Nickel, Total	14.8	16.0	mg/kg	8		20
Potassium, Total	859	864	mg/kg	1		20
Selenium, Total	10.2	13.9	mg/kg	**31**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 QC Batch ID: WG2106995-4 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')						
Silver, Total	0.688	0.643	mg/kg	7		20
Sodium, Total	263	260	mg/kg	1		20
Thallium, Total	1.79J	1.49J	mg/kg	NC		20
Vanadium, Total	22.8	22.3	mg/kg	2		20
Zinc, Total	117	117	mg/kg	0		20
Total Metals - Mansfield Lab Associated sample(s): 02,08,21,33,42,56 QC Batch ID: WG2106997-4 QC Sample: L2552999-02 Client ID: 25SB-11X (12'-14')						
Mercury, Total	1.96	2.13	mg/kg	8		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,07,17,19,30,32,51 QC Batch ID: WG2107237-4 QC Sample: L2552764-01 Client ID: DUP Sample						
Lead, TCLP	0.0542J	0.0598J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-01
Client ID: 25SB-11X (7'-8')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 14:10
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-02
Client ID: 25SB-11X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-07
Client ID: 25SB-10X (7'-8')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.4		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-08
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-17
Client ID: 25SB-6X (6'-7')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 09:25
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-19
Client ID: 25SB-6X (9'-10')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 09:29
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.1		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-21
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.0		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-30
Client ID: 25SB-4X (6'-7')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:00
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.4		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-32
Client ID: 25SB-4X (9'-10')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:05
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-33
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-42
Client ID: 25SB-5X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:30
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.4		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-51
Client ID: 25SB-9X (2'-4')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 12:45
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.0		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2552999-56
Client ID: 25SB-9X (12'-14')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 12:50
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.3		%	0.100	NA	1	-	08/22/25 14:17	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION STREET

Project Number: 25030019

Lab Number: L2552999

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,07-08,17,19,21,30,32-33,42,51,56 QC Batch ID: WG2106147-1 QC Sample: L2552999-01 Client ID: 25SB-11X (7'-8')						
Solids, Total	85.7	83.1	%	3		20

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-02A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2552999-02B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2552999-03A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-03B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-04A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-04B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-05A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-05B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-07A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-07B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-07X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)

*Values in parentheses indicate holding time in days

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-07X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-08A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2552999-08B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2552999-09A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-09B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-10A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-10B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-11A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-11B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-12A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-12B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-13A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-13B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-14A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-14B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-15A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-15B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-16A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-16B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-17A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-17B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-17X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-17X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-18A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-18B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-19A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-19B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-19X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-19X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-20A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-20B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-21A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2552999-21B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	NYTCL-8260HLW(14)
L2552999-21C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	NYTCL-8260HLW(14)
L2552999-21D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2552999-21E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2552999-21F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14)
L2552999-22A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-22B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-22C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-22E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-22F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-23A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-23B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-23C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-23D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-23E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-23F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-24A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-24B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-24C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-24D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-24E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-24F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-25A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-25B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-25C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-25D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-25E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-25F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-26A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-26B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-26C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-26D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-26E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-26F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-27A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-27B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-27C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-27D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-27E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-27F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-28A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-28B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-28C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-28D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-28E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-28F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-29A	Vial MeOH preserved	NA	NA			Y	Absent		HOLD-8260HLW(14)
L2552999-29B	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-29C	Vial water preserved	NA	NA			Y	Absent	22-AUG-25 12:59	HOLD-8260HLW(14)
L2552999-29D	Plastic 120ml unpreserved	NA	NA			Y	Absent		HOLD-WETCHEM()
L2552999-29E	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-29F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-8270(14)
L2552999-30A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-30B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-30X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-30X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-31A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-31B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-32A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-32B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-32X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-32X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-33A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2552999-33B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-34A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-34B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-35A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-35B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-36A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-36B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-37A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-37B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-38A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-38B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-39A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-39B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-40A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-40B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-41A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-41B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2552999-42A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2552999-42B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2552999-43A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-43B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-44A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-44B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-45A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-45B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-46A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-46B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-47A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-47B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-48A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-48B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-49A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-49B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-50A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-50B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-51A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2552999-51B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2552999-51X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2552999-51X9	Tumble Vessel	NA	NA			Y	Absent		-
L2552999-52A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-52B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-53A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-53B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-54A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-54B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-55A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: 601 UNION STREET
Project Number: 25030019

Lab Number: L2552999
Report Date: 09/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2552999-55B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-56A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2552999-56B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2552999-57A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2552999-57B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2552999-58A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2552999-58B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2552999-59A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-59B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-60A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-60B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-61A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-61B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2552999-62A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HOLD-METAL(180)
L2552999-62B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()

Container Comments

L2552999-57A	Container Received Empty.
L2552999-57B	Container Received Empty.
L2552999-58A	Container Received Empty.
L2552999-58B	Container Received Empty.

*Values in parentheses indicate holding time in days

Project Name:	601 UNION STREET	**Lab Number:**	L2552999
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION STREET	**Lab Number:**	L2552999
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION STREET	**Lab Number:**	L2552999
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601 UNION STREET
Project Number: 25030019
Lab Number: L2552999
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

12552999

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
PO 25c3049	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Company: Vektor Consultants	Name:	Name:		RUSH-Next Day	QA Report X
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Company:	Company:	Purchase Order # 25c3049	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Extractables
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorganics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides/PCB's
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides/Acid Ext.
Halog. only	NJDEP list	App. IX	Chlordane	Soil/c Metals	Air TICs	NYCDEP Organics
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Organics
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-11X (7'-8')	8/7/2025 1410	S	Total and TCLP Lead	1 8oz, 1 2oz
25SB-11X (12'-14')	8/7/2025 1411	S	TAL Metals, on HOLD for TCLP Metals	SAA
25SB-11X (14'-16')	8/7/2025 1411	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (16'-18')	8/7/2025 1413	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (18'-20')	8/7/2025 1414	S	ON HOLD for TAL and TCLP Metals	same as above 1-8oz
25SB-11X (20'-22')	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above 1 8oz Ma
25SB-11X (22'-24')	8/7/2025 1356	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (24'-26')	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (26'-28')	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (28'-30')	8/7/2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
TB (8.21)	8/21/25 1430		VOC	

Comments:

Preservation (check all applicable)

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
Ben Neuman	8/21/25 1500	SSmz	8.21.25 1500	___ °C
SSmz	8.21.25 1820		8/21 19:40	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
	8/21/25 2300		8/22/25 0230	

8/22 02:30

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

L1552999

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York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order # 25-3CC19	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (6-9day) X

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	X
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nevaeus

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL/TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360/Subtitle
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360 Extended
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/21/2025 1345	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/21/2025 1346	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/21/2025 1347	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (16'-18')	8/21/2025 1348	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/21/2025 1349	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (20'-22')	8/21/2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (22'-24')	8/21/2025 1351	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/21/2025 1357	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/21/2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (28'-30')	8/21/2025 1354	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB10X (20-22)				
25SB10X (22-24)				

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time 8/21/25 1500	Samples Received By SSmz	Date/Time 8.21.25 1500
Samples Relinquished By SSmz	Date/Time 8.21.25 1820	Samples Received in LAB by	Date/Time

Temperature on Receipt ____ °C

8/22 02:30

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

L2552999

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York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address:	Address:	250300.18	RUSH-Three Day
E-mail: ezgi@vektorconsultants.com	dklein@vektorconsultants.com	AP@vektorconsultants.com	Samples from CT__NY_x_NJ__	RUSH-Four Day
		E-mail		Standard (6-9day) X

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL+Mn(Cr)
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0927	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0929	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-terracore, 1-8oz, 1-2oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1008	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1014	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1020	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500	SSmz	8-21-25 1500
SSmz	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			8/22 02:30

Temperature on Receipt ____ °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

LIS L2552999

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York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	25e30016	RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5-7 Day)

Report/Deliverable Type

- Summary Report
- QA Report X
- CT RCP
- CT RCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Reduced Deliv
- Excel X
- NYSDEC EQuIS X
- NJDEP SRP HazSite
- EQuIS
- GIS/KEY (std)

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

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Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded Pkg List
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	Li27 Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/21/2025 1100	S	Total and TCLP Lead	1 8oz, 1-6oz
25SB-4X (7'-8')	8/21/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/21/2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/21/2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SAA
25SB-4X (15'-17')	8/21/2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/21/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/21/2025 1109	S	Same as above	same as above
25SB-4X (21'-23')	8/21/2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/21/2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/21/2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/21/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/21/2025 1114	S	Same as above	same as above
				same as above

Comments:

Preservation (check all applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

5/21/25

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	1500	SSmz	8.21.25 1500	
SSmz	8.21.25 1820			___°C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

8/22 02:30

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

L2552999

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York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
	Company:	Company:	Purchase Order # 25C32C19	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemas
Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL-Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP-Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC-Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/21/2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1802 1-702
25SB-5X (14'-16')	8/21/2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/21/2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/21/2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/21/2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (22'-24')	8/21/2025 1135	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (24'-26')	8/21/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/21/2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/21/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above

Comments:

Preservation (check all applicable)

4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25 1800	SSmi	8.21.25 1500	
SSmi	8.21.25 1920			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	____°C

8/22 2:30

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

L1552999

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York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street,	Name:	Name:		RUSH-Next Day	QA Report X
6th Floor, New York, NY 10018	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone: (347) 871-0760	Address:	Address:	2563017	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorcons		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail ultants.com	Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Newman

Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	R.CRAB	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Extended
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Expanded PAH List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	1207 Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/7/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/7/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/7/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/7/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/7/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/7/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/7/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/7/2025 1257	S	Same as above	same as above
25SB-9X (18'-20')	8/7/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/7/2025 1254~~	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/7/2025 1255~~	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/7/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/7/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/7/2025 1258	S	Same as above	same as above

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1500	[signature]	8.21.25 1500	
SSMZ	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	°C

Sample Delivery Group Summary

Pace Job Number : L2552999

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Geoffry Grace

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received? **NO**
Following samples were not received: -06

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **YES**
L2552999-57A (ARCHIVE) was received in inappropriate container.
L2552999-57B (ARCHIVE) was received in inappropriate container.
L2552999-58A (ARCHIVE) was received in inappropriate container.
L2552999-58B (ARCHIVE) was received in inappropriate container.

4) Are there any discrepancies between COC & sample labels? **YES**
L2552999-52: 25SB-9X (2'-6') vs. 25SB-9X (4'-6')

5) Are samples in appropriate containers for requested analysis? **NO**
Please refer to information noted in Question 3 above.

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

Sample Delivery Group Summary

Pace Job Number : L2552999

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Geoffry Grace

1) Reagent Water Vials Frozen by Client? **NO**

Comments

L2552999-57A Container Received Empty.
L2552999-57B Container Received Empty.
L2552999-58A Container Received Empty.
L2552999-58B Container Received Empty.

ANALYTICAL REPORT

Lab Number:	L2554429
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/03/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554429
Report Date: 09/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554429-01	25SB-11X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 14:11	08/21/25
L2554429-02	25SB-10X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 13:46	08/21/25
L2554429-03	25SB-6X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 09:54	08/21/25
L2554429-04	25SB-4X (13'-15')	SOIL	BROOKLYN, NY	08/21/25 11:06	08/21/25
L2554429-05	25SB-5X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 11:30	08/21/25
L2554429-06	25SB-9X (12'-14')	SOIL	BROOKLYN, NY	08/21/25 12:50	08/21/25
L2554429-07	25SB-11X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 14:11	08/21/25
L2554429-08	25SB-10X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 13:47	08/21/25
L2554429-09	25SB-6X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 09:58	08/21/25
L2554429-10	25SB-4X (15'-17')	SOIL	BROOKLYN, NY	08/21/25 11:07	08/21/25
L2554429-11	25SB-5X (14'-16')	SOIL	BROOKLYN, NY	08/21/25 11:31	08/21/25
L2554429-12	25SB-9X (4'-6')	SOIL	BROOKLYN, NY	08/21/25 12:46	08/21/25
L2554429-13	25SB-9X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 12:53	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554429
Project Number:	25030019	**Report Date:**	09/03/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554429
Project Number:	25030019	**Report Date:**	09/03/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2554429-12: The sample identified as "25SB-9X (2'-6')" on the chain of custody was identified as "25SB-9X (4'-6')" on the container label. At the client's request, the sample is reported as "25SB-9X (4'-6')".

Total Metals

L2554429-07 through -12: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

L2554429-13: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 09/03/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-01
Client ID: 25SB-11X (12'-14')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.10		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:04	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-02
Client ID: 25SB-10X (12'-14')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 13:46
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	26.3		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:07	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-03
Client ID: 25SB-6X (12'-14')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 09:54
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	14.2		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:20	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-04
Client ID: 25SB-4X (13'-15')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:06
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.40		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:23	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-05
Client ID: 25SB-5X (12'-14')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:30
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.622		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:27	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-06
Client ID: 25SB-9X (12'-14')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 12:50
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.822		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:30	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-07
Client ID: 25SB-11X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.90		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:34	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-07
Client ID: 25SB-11X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	952		mg/kg	4.42	0.210	2	08/29/25 16:49	09/02/25 16:41	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-08
Client ID: 25SB-10X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:47
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 63%
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.63		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:37	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-08
Client ID: 25SB-10X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:47
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	761		mg/kg	6.18	0.294	2	08/29/25 16:49	09/02/25 16:45	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-09
Client ID: 25SB-6X (14'-16')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 65%

Date Collected: 08/21/25 09:58
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.06		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:41	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-09
Client ID: 25SB-6X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 09:58
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	404		mg/kg	5.85	0.279	2	08/29/25 16:49	09/02/25 16:48	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-10
Client ID: 25SB-4X (15'-17')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 73%

Date Collected: 08/21/25 11:07
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.81		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:44	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-10
Client ID: 25SB-4X (15'-17')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 73%
Date Collected: 08/21/25 11:07
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	666		mg/kg	5.39	0.257	2	08/29/25 16:49	09/02/25 16:52	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-11
Client ID: 25SB-5X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:31
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.85		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:47	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-11
Client ID: 25SB-5X (14'-16')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:31
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	389		mg/kg	5.30	0.252	2	08/29/25 16:49	09/02/25 17:17	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-12
Client ID: 25SB-9X (4'-6')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 08/21/25 12:46
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.143	J	mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 09:51	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-12
Client ID: 25SB-9X (4'-6')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:46
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	892		mg/kg	4.48	0.213	2	08/29/25 16:49	09/02/25 17:21	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-13
Client ID: 25SB-9X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:53
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 67%
TCLP/SPLP Ext. Date: 08/30/25 13:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.36		mg/l	0.500	0.0270	1	09/02/25 08:28	09/02/25 10:56	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554429
Project Number: 25030019
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-13
Client ID: 25SB-9X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:53
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 67%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	346		mg/kg	5.86	0.279	2	09/03/25 09:37	09/03/25 12:21	EPA 3050B	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-12 Batch: WG2108955-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	08/29/25 16:49	09/02/25 13:52	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-12 Batch: WG2109243-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/30/25 22:18	09/02/25 08:35	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 13 Batch: WG2109557-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/02/25 08:28	09/02/25 10:32	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/29/25 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13 Batch: WG2109726-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 09:37	09/03/25 12:16	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554429
Report Date: 09/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-12 Batch: WG2108955-2								
Lead, Total	105		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2109243-2								
Lead, TCLP	101		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 13 Batch: WG2109557-2								
Lead, TCLP	94		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG2109726-2								
Lead, Total	100		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554429
Report Date: 09/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-12 QC Batch ID: WG2108955-3 WG2108955-4 QC Sample: L2552419-09 Client ID: MS Sample												
Lead, Total	14.0	47.2	58.4	94		56.6	93		75-125	3		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2109243-3 QC Sample: L2554397-01 Client ID: MS Sample												
Lead, TCLP	1.18	5.3	6.39	98		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG2109557-3 QC Sample: L2554349-01 Client ID: MS Sample												
Lead, TCLP	0.388J	5.3	5.23	99		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG2109726-3 WG2109726-4 QC Sample: L2552768-08 Client ID: MS Sample												
Lead, Total	5.46	48.5	54.4	101		53.7	97		75-125	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554429

Report Date: 09/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2109243-4 QC Sample: L2554397-01 Client ID: DUP Sample						
Lead, TCLP	1.18	1.17	mg/l	1		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG2109557-4 QC Sample: L2554349-01 Client ID: DUP Sample						
Lead, TCLP	0.388J	0.396J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-07
Client ID: 25SB-11X (14'-16')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 14:11
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-08
Client ID: 25SB-10X (14'-16')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 13:47
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.8		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-09
Client ID: 25SB-6X (14'-16')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 09:58
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.8		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-10
Client ID: 25SB-4X (15'-17')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:07
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-11
Client ID: 25SB-5X (14'-16')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:31
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-12
Client ID: 25SB-9X (4'-6')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 12:46
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	08/29/25 17:46	121,2540G	SJB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

SAMPLE RESULTS

Lab ID: L2554429-13
Client ID: 25SB-9X (18'-20')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 12:53
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.7		%	0.100	NA	1	-	09/02/25 08:13	121,2540G	RJF

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554429

Report Date: 09/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-12 QC Batch ID: WG2109021-1 QC Sample: L2552498-02 Client ID: DUP Sample						
Solids, Total	91.8	92.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG2109575-1 QC Sample: L2554429-13 Client ID: 25SB-9X (18'-20')						
Solids, Total	66.7	64.5	%	3		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554429
Report Date: 09/03/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2554429-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-02B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-02X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-02X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-03F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-03X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-04B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-04X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-04X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-05B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-05X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-05X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-06B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2554429-06X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-06X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-07A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-07B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554429
Report Date: 09/03/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2554429-07X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-07X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-08A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-08B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-08X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-08X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-09E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-09F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-09X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-09X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-10A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-10B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-10X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-10X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-11A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-11B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-11X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-11X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-12A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-12B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-12X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-12X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-13A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554429-13B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554429-13X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554429-13X9	Tumble Vessel	NA	NA			Y	Absent		-
L2554429-13Y	Glass 60ml unpreserved split	NA	NA			Y	Absent		PB-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554429
Project Number:	25030019	**Report Date:**	09/03/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554429
Project Number:	25030019	**Report Date:**	09/03/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554429
Project Number:	25030019	**Report Date:**	09/03/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554429
Report Date: 09/03/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554429 KJR 8/28/25

Page 1 of 6 ~~L2552999~~

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
PO 25c3069	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Company: Vektor Consultants	Name:	Name:		RUSH-Next Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Company:	Company:	Purchase Order # 25c3069	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:		RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi Vols.	Pest/Chlordane	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAOM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAOM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Organics
TAOM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorganics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Organics + Inorganics
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 + Organics + Inorganics
Halog. only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Semi
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Semi
8021B list		SPLP or TCLP	608 PCB		Helium	TAOM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-11X (7'-8')	8/7/2025 1410	S	Total and TCLP Lead	1 8oz, 1 2oz
01 25SB-11X (12'-14')	8/7/2025 1341	S	~~TAL Metals, on HOLD for~~ TCLP ~~Metals~~ Pb	SAA
07 25SB-11X (14'-16')	8/7/2025 1411	S	Total Pb, ~~ON HOLD for TAL and~~ TCLP ~~Metals~~ Pb	same as above
25SB-11X (16'-18')	8/7/2025 1345	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (18'-20')	8/7/2025 1349	S	ON HOLD for TAL and TCLP Metals	~~same as above~~ 1-8oz
~~25SB-11X (20'-22')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	~~same as above~~ 1 8oz Na
~~25SB-11X (22'-24')~~	8/7/2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (24'-26')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (26'-28')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (28'-30')~~	8/7/2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
TB (8.21)	8/21/25 1430		VOC	

Comments:

Preservation (check all applicable): FC Frozen ICE ZnAc MeOH Ascorbic Acid HNO_3 Other H_2SO_4 NaOH

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/21/25 1500	SMR	8.21.25 1500
SMR	8.21.25 1820		8/21 9:40
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: ___°C

8/21/25 2300 8/22/25 0230

8/22 02:30

L2554429 KJC 8/28/25

~~L2552999~~

YORK
York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address:	Address:	25Secip	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com	E-mail:		Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS X
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nerman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082/PCB	RCRA8	TPH GRO	Pet.Full
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CT13 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Pet.500 Extractables
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Pet.500 Surrogates
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Pet.500 Aromatics
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Pet.500 Aliphatics
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Semi
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Semi
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/11/2025 1345	S	Total and TCLP Lead	
02 25SB-10X (12'-14')	8/11/2025 1346	S	~~SVOCs, TAL Metals, on HOLD for~~ TCLP ~~Metals~~ Pb	
08 25SB-10X (14'-16')	8/11/2025 1347	S	Total Pb, ~~ON HOLD for SVOCs, TAL and~~ TCLP ~~Metals~~ Pb	same as above
25SB-10X (16'-18')	8/11/2025 1348	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/11/2025 1349	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (20'-22')~~	8/11/2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (22'-24')~~	8/11/2025 ~~1351~~	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/11/2025 1357	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/11/2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (28'-30')	8/11/2025 1354	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
(25SB10X (20-22)				
(25SB10X (32-34)				

Comments:

Preservation (check all applicable): PC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25 1500	SSmz	8.21.25 1500	
SSmz	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			8/22 02:30	

L2554429 KJC 8/28/25

Page 3 of 6 L2552999

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
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Fax (203) 357-0166

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York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address:	Address:	25e3e019	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__ NY_x_ NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082/PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Inorganics
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Organics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides/Herbicides
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Metals
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Cons
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	Leaf Below	Methane	NYSDEC Cons
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0937	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0949	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
03 25SB-6X (12'-14')	8/21/2025 0954	S	~~VOCs, SVOCs, TAL Metals, on HOLD for~~ TCLP ~~Metals~~ Pb	1-Terracore 8oz, 1oz
09 25SB-6X (14'-16')	8/21/2025 0958	S	Total Pb, ~~ON HOLD for VOCs, SVOCs, TAL and~~ TCLP ~~Metals~~ Pb	same as above
25SB-6X (16'-18')	8/21/2025 1006	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1014	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1020	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

15cc

Special Instructions

Field Filtered ☐

Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25	SSm	8.21.25 1500	
SSm	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			8/22 02:30	

L2554429 KJC 8/28/25

YORK

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
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York Project No. L2554429

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Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	Purchase Order # 25e30018	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day	NY ASP A Package
				Standard (5 Day) X	NY ASP B Package 30%
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER:

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Samples Collected/Authorized By (Signature)

Name (printed)

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S - soil
Other - specify
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DW - drinking water
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Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Enforcer	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360 Full Scan
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorganics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Organics
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Pesticides
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRR Organics
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Inorganics
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/21/2025 1100	S	Total and TCLP Lead	1 8oz, 1-4oz
25SB-4X (7'-8')	8/21/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/21/2025 1105	S	Total and TCLP Lead	same as above
-04 25SB-4X (13'-15')	8/21/2025 1106	S	~~SVOCs, TAL Metals, on HOLD for~~ TCLP ~~Metals~~ Pb	SAA
-10 25SB-4X (15'-17')	8/21/2025 1107	S	Total Pb, ~~ON HOLD for SVOCs, TAL and~~ TCLP ~~Metals~~ Pb	same as above
25SB-4X (17'-19')	8/21/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/21/2025 1109	S	Same as above	same as above
25SB-4X (21'-23')	8/21/2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/21/2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/21/2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/21/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/21/2025 1114	S	Same as above	same as above
				same as above

Comments:

Preservation (check all applicable): Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	1500	SSmz	8.21.25 1500	
SSmz	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			8/22 02:30	°C

L2554429 KJC 8/28/25

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

Page 5 of 6 L2552999

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	Purchase Order # 25C3C19	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT NY x NJ	RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevara

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAOM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAOM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Volatiles
TAOM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Semi-Volatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRR Organics
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Organics
8021 B list		SPLP or TCLP	608 PCB		Hexane	TAGM

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
05 25SB-5X (12'-14')	8/20/2025 1130	S	~~TAL Metals on HOLD for~~ TCLP ~~Metals~~ Pb	1 8oz 1-2oz
06 11 25SB-5X (14'-16')	8/21/2025 1131	S	Total Pb, ~~ON HOLD for TAL and~~ TCLP ~~Metals~~ Pb	same as above
(for 8/28/25) 25SB-5X (16'-18')	8/21/2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/21/2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/21/2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (22'-24')	8/21/2025 1135	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (24'-26')	8/21/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/21/2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/21/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above

Comments:

Preservation (check all applicable): FC; Frozen; HCl; MeOH; HNO3; H2SO4; NaOH; ZnAc; Ascorbic Acid; Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500	SSmi	8.21.25 1500
SSmi	8.21.25 1930		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt ____ °C

Samples 8/22 2:30

L2554429 ICJC 8/28/25

YORK
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 6 of 6

~~L2552999~~

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York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0760	Address:	Address:	2503018	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from: CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemec

Name (printed)

Volatiles		Semi Vols.	For PCB Hits	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+MCH
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	PAC 500 (Calc)
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	PAC 500 (Soil)
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 (Groundwater)
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 (Soil)
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	Ligand Deliver	Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Matrix Codes: S - soil; Other - specify (col. 4); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/21/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
-12 25SB-9X(2'-6')	8/21/2025 1246	S	~~ON HOLD for~~ Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/21/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/21/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/21/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
-06 25SB-9X (12'-14')	8/21/2025 1250	S	~~TAL Metals on HOLD for TCLP Metals~~ TCLP Pb	1 SAA
25SB-9X (14'-16')	8/21/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/21/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/21/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/21/2025~~ 1254	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/21/2025~~ 1255	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/21/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/21/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/21/2025 1258	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1500	[signature]	8.21.25 1500	
[signature]	8.21.25 1820	[signature]	8/21/25 1820	
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	

L2554429 EJL 8/29/25

Page 6 of 6

~~L2552999~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0760	Address:	Address:	2503018	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemec

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB(incl)	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRAB	TPH GRO	Pet Full
624	88a Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+MCH
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAOM list	TPH 1664	Full App IX
TCL 84	Oxygenates	TAOM list	504 Spec.	NJDEP list	Air TO14A	PAC500
TAOM list	TCLP 84	CT RCP 84	SPLP or TCLP	Total	Air TO15	Pet 500
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Pet 500
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Pet 500
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYSDEC
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LDT Below	Methane	NYSREC
8021 B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
-13 25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025 1254~~	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025 1255~~	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/1/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/1/2025 1258	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500		8.21.25 1500
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time
	8.21.25 1820		8/22/25

Temperature on Receipt

Sample Delivery Group Summary

Pace Job Number : L2554429

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Kevin Law

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2554429-12: 25SB-9X (2'-6') vs. 25SB-9X (4'-6')	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2544872
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/30/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544872
Report Date: 07/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2544872-01	25SB-11 (0-2)	SOIL	BKLYN, NY	07/01/25 09:10	07/01/25
L2544872-02	25SB-11 (11-12)	SOIL	BKLYN, NY	07/01/25 09:15	07/01/25
L2544872-03	25SB-14 (0-2)	SOIL	BKLYN, NY	07/01/25 10:30	07/01/25
L2544872-04	25SB-14 (7-9)	SOIL	BKLYN, NY	07/01/25 10:40	07/01/25
L2544872-05	25SB-14 (11-12)	SOIL	BKLYN, NY	07/01/25 11:05	07/01/25
L2544872-06	25SB-13 (0-2)	SOIL	BKLYN, NY	07/01/25 11:35	07/01/25
L2544872-07	25SB-13 (11-12)	SOIL	BKLYN, NY	07/01/25 11:50	07/01/25
L2544872-08	25SB-12 (0-2)	SOIL	BKLYN, NY	07/01/25 12:50	07/01/25
L2544872-09	25SB-12 (11-12)	SOIL	BKLYN, NY	07/01/25 12:55	07/01/25
L2544872-10	25SB-9 (0-2)	SOIL	BKLYN, NY	07/01/25 13:30	07/01/25
L2544872-11	25SB-10 (0-2)	SOIL	BKLYN, NY	07/01/25 12:15	07/01/25
L2544872-12	25SB-10 (11-12)	SOIL	BKLYN, NY	07/01/25 12:20	07/01/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2544872
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2544872
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/30/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-01
Client ID: 25SB-11 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 09:10
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.68		mg/l	0.500	0.0270	1	07/29/25 13:02	07/30/25 13:38	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-02
Client ID: 25SB-11 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 09:15
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	99.1		mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 15:35	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/23/25 08:30	07/23/25 12:10	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-03
Client ID: 25SB-14 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 10:30
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	24.0		mg/l	0.500	0.0270	1	07/29/25 13:02	07/30/25 13:44	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-04
Client ID: 25SB-14 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 10:40
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.0425	J	mg/l	0.500	0.0270	1	07/29/25 13:02	07/30/25 14:57	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-05
Client ID: 25SB-14 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 11:05
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	6.27		mg/l	0.500	0.0270	1	07/29/25 13:02	07/30/25 15:03	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-06
Client ID: 25SB-13 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 11:35
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.24		mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 15:40	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-07
Client ID: 25SB-13 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 11:50
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.19		mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 15:46	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-08
Client ID: 25SB-12 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 12:50
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.43		mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 15:51	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-09
Client ID: 25SB-12 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 12:55
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.461	J	mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 15:57	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-10
Client ID: 25SB-9 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 13:30
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	11.7		mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 16:36	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-11
Client ID: 25SB-10 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 12:15
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.336	J	mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 16:41	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Lab Number: L2544872
Project Number: 25030019
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544872-12
Client ID: 25SB-10 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/01/25 12:20
Date Received: 07/01/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/18/25 04:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.0698	J	mg/l	0.500	0.0270	1	07/23/25 08:16	07/28/25 16:46	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/23/25 08:30	07/23/25 12:13	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02,06-12 Batch: WG2093926-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/23/25 08:16	07/23/25 19:50	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/17/25 14:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02,12 Batch: WG2093929-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/23/25 08:30	07/23/25 11:43	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 07/17/25 14:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03-05 Batch: WG2096378-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/29/25 13:02	07/30/25 14:26	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/18/25 04:10

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544872
Report Date: 07/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 02,06-12		Batch: WG2093926-2					
Lead, TCLP	99		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 02,12		Batch: WG2093929-2					
Mercury, TCLP	91		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 01,03-05		Batch: WG2096378-2					
Lead, TCLP	89		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544872
Report Date: 07/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,06-12 QC Batch ID: WG2093926-3 QC Sample: L2544439-01 Client ID: MS Sample												
Lead, TCLP	0.0272J	5.3	5.18	98		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,12 QC Batch ID: WG2093929-3 QC Sample: L2544770-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0232	93		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG2096378-3 QC Sample: L2544581-01 Client ID: MS Sample												
Lead, TCLP	ND	5.3	4.93	93		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2544872

Report Date: 07/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,06-12 QC Batch ID: WG2093926-4 QC Sample: L2544439-01 Client ID: DUP Sample						
Lead, TCLP	0.0272J	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,12 QC Batch ID: WG2093929-4 QC Sample: L2544770-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG2096378-4 QC Sample: L2544581-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544872
Report Date: 07/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544872-01J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-02J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-02X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544872-02X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-03J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-03X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-04J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-04X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-04X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-05J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-05X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-05X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-06J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-06X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-06X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-07J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-07X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-07X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544872
Report Date: 07/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544872-08J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-08X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-08X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-09J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-09X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-09X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-10J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-10X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-10X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-11J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-11X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544872-11X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544872-12J	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544872-12X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544872-12X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2544872
Project Number:	25030019	**Report Date:**	07/30/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544872
Project Number:	25030019	**Report Date:**	07/30/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544872
Project Number:	25030019	**Report Date:**	07/30/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544872
Report Date: 07/30/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2544872

NEW YORK CHAIN OF CUSTODY

Pace

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 7/02/25

Pace Job #: ~~25411275~~

Client Information

Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: YCHANG@VEKTOR CONSULTANTS.COM

Project Information

Project Name: 601 - 607 UNION ST
Project Location: BKLYN, NY
Project #: 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAYEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time

Standard
Rush (only if pre approved)
Due Date:
# of Days: 7-DAY TAT

These samples have been previously analyzed by Pace

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs. CLOSE SDG

Please specify Metals or TAL: TAL METAL + MERCURY

Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client info
PO #: 25030019

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	TCL SVOC	TEST PIT	PCB	TAL METALS + Hg	TAL CYANIDE	PFOA	TCLP-PB
~~41375~~-01	25SB-11 (0-2)	7/1/2025	0910	SOIL	BN	X	X	X	X	X	X	X	X
44872 -02	25SB-11 (1-2)		0915			X	X	X	X	X	X	X	X
-03	25SB-14 (0-2)		1030			X	X	X	X	X	X	X	X
-04	25SB-14 (7-9)		1040			X	X	X	X	X	X	X	X
-05	25SB-14 (11-12)		1105			X	X	X	X	X	X	X	X
-06	25SB-13 (0-2)		1135			X	X	X	X	X	X	X	X
-07	25SB-13 (11-12)		1150			X	X	X	X	X	X	X	X
-08	25SB-12 (0-2)		1250			X	X	X	X	X	X	X	X
-09	25SB-12 (11-12)		1255			X	X	X	X	X	X	X	X

Container Type
Preservative

Sample Filtration

Done
Lab to do
Preservation
Lab to do
(Please Specify below)

Sample Specific Comments: TCLP-HG

Total Bottles

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/1/25 1820		7/1/25 11:30
WADE ARNOLD	7/1/25 18:20	Anthony Green	JUL 01 2025 2030
Anthony Green	7/2-0235		7/2-0900
			7/2/25 0235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

L2544872

NEW YORK CHAIN OF CUSTODY

Pace

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 07/02/25

Pace Job #: ~~L2541375~~

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: COI - 607 UNION ST
Project Location: BKLYN, NY
Project #: 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAEL/VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs

Please specify Metals or TAL. TAL METAL + MERCURY

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 25030019

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST / HERB	PCBs	TAL METALS + HG	CYANIDE	REACTIVITY	TCLP - PB	Sample Filtration / Preservation / Sample Specific Comments
~~L1515~~ 10	255B-6 (0-2)	7/1/25	1330	S-1	BN								X	
~~11~~	255B-6 (11-12)		1335											
44872-11 12	255B-10 (0-2)		1215										X	
12 TS	255B-10 (11-12)		1220										X	HG-TCLP
~~11~~	Field Blank		1300											don't include 14-day
~~13~~	TCLP Blank		1300											

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/1/25 [illegible]	[signature]	7/1/25 [illegible]
[signature]	7/1/25 18:50	Anthony Green	JUL 01 2025 [illegible]
Anthony Green	[illegible]	[signature]	7/2/25 0235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2544872

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 01-JUL-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.6	
B	Absent/	Ice	2.9	
C	Absent/	Ice	3.2	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2545792
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	08/01/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2545792-01	25SB-7 (0-2)	SOIL	BROOKLYN, NY	07/08/25 11:00	07/08/25
L2545792-02	25SB-7 (12-13)	SOIL	BROOKLYN, NY	07/08/25 11:15	07/08/25
L2545792-03	25SB-8 (1-3)	SOIL	BROOKLYN, NY	07/08/25 11:55	07/08/25
L2545792-04	25SB-8 (11-12)	SOIL	BROOKLYN, NY	07/08/25 12:10	07/08/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/01/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-01
Client ID: 25SB-7 (0-2)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:00
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.842		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 18:58	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-02
Client ID: 25SB-7 (12-13)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:15
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.88		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:01	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-03
Client ID: 25SB-8 (1-3)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 11:55
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.36		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:04	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

SAMPLE RESULTS

Lab ID: L2545792-04
Client ID: 25SB-8 (11-12)
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/25 12:10
Date Received: 07/08/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/23/25 05:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	6.18		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 19:08	EPA 3015	1,6010D	CEY

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-04 Batch: WG2095937-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/28/25 12:50	07/29/25 18:40	1,6010D	CEY

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/21/25 17:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 01-04		Batch: WG2095937-2					
Lead, TCLP	94		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2095937-3 QC Sample: L2545590-01 Client ID: MS Sample												
Lead, TCLP	ND	5.3	4.91	93		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2545792

Report Date: 08/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2095937-4 QC Sample: L2545590-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2545792
Report Date: 08/01/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2545792-01G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-02G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-02X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-02X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-03G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-03X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2545792-04G	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		-
L2545792-04X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2545792-04X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2545792
Project Number:	25030019	**Report Date:**	08/01/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2545792
Report Date: 08/01/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

7/29 PW

L2545792

Pace

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/9/25

Pace Job #: L2545792

Client Information
Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST, NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 250300 9
(Use Project name as Project #)
Project Manager: EZGI KARAVEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7-DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
CAT B DELIVERABLES W/ EQuIS EDP,

Please specify Metals or TAL. TAL METALS

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #:

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERBS	PCBs	TAL METALS + HG	1,4-DIOXANE	PFOA	TCLP-PB
~~12557~~-01	25SB-7 (0-2)	7/8/2025	1100	SOIL	BN	X	X	X	X	X	X	X	X
45792 -02	25SB-7 (12-13)		1115			X	X	X	X	X	X	X	X
-03	25SB-8 (1-3)		1155			X	X	X	X	X	X	X	X
-04	25SB-9 (11-12)		1210			X	X	X	X	X	X	X	X
~~-05~~	TRIP BLANK		1120	AQ	—	X							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
Total Bottle
Sample Specific Comments

Container Type: V A A A A A P
Preservative: B A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other
Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/2025 1641	WIFI Pace 1650	7/8/25
WIFI Pace	7/8/25 2030	Anthony Green	JUL 09 2025
Anthony Green			
	0555		0555

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2545792

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 08-JUL-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.1	
B	Absent/	Ice	3.1	
C	Absent/	Ice	2.3	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2544818
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/30/25

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544818
Report Date: 07/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2544818-01	25SB-1 (0-2)	SOIL	BKLYN, NY	07/02/25 11:10	07/02/25
L2544818-02	25SB-1 (9-11)	SOIL	BKLYN, NY	07/02/25 11:40	07/02/25
L2544818-03	25SB-1 (12-13)	SOIL	BKLYN, NY	07/02/25 11:20	07/02/25
L2544818-04	25SB-2 (0-2)	SOIL	BKLYN, NY	07/02/25 10:00	07/02/25
L2544818-05	25SB-2 (12-13)	SOIL	BKLYN, NY	07/02/25 10:25	07/02/25
L2544818-06	25SB-3 (0-2)	SOIL	BKLYN, NY	07/02/25 08:50	07/02/25
L2544818-07	25SB-3 (12-13)	SOIL	BKLYN, NY	07/02/25 09:00	07/02/25
L2544818-08	25SB-4 (0-2)	SOIL	BKLYN, NY	07/02/25 09:30	07/02/25
L2544818-09	25SB-4 (7-9)	SOIL	BKLYN, NY	07/02/25 09:40	07/02/25
L2544818-10	25SB-4 (12-13)	SOIL	BKLYN, NY	07/02/25 09:50	07/02/25
L2544818-11	25SB-5 (0-2)	SOIL	BKLYN, NY	07/02/25 08:15	07/02/25
L2544818-12	25SB-5 (11-12)	SOIL	BKLYN, NY	07/02/25 08:20	07/02/25
L2544818-13	25SB-6 (0-2)	SOIL	BKLYN, NY	07/02/25 12:10	07/02/25
L2544818-14	25SB-6 (7-9)	SOIL	BKLYN, NY	07/02/25 12:25	07/02/25
L2544818-15	25SB-6 (11-12)	SOIL	BKLYN, NY	07/02/25 12:20	07/02/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2544818
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2544818
Project Number:	25030019	**Report Date:**	07/30/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 07/30/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-01
Client ID: 25SB-1 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 11:10
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.478	J	mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:18	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-02
Client ID: 25SB-1 (9-11)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 11:40
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.408	J	mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:24	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/25 13:16	07/29/25 20:40	EPA 7470A	1,7470A	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-03
Client ID: 25SB-1 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 11:20
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.63		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:31	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/25 13:16	07/29/25 20:50	EPA 7470A	1,7470A	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-04
Client ID: 25SB-2 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 10:00
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:37	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-05
Client ID: 25SB-2 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 10:25
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.20		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:44	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Lab Number: L2544818
Project Number: 25030019
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-06
Client ID: 25SB-3 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 08:50
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.71		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:50	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-07
Client ID: 25SB-3 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:00
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.04		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 22:56	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-08
Client ID: 25SB-4 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:30
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.63		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:03	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-09
Client ID: 25SB-4 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:40
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	7.04		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:09	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-10
Client ID: 25SB-4 (12-13)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 09:50
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.10		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:16	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/25 13:16	07/29/25 20:53	EPA 7470A	1,7470A	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-11
Client ID: 25SB-5 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 08:15
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.04		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:34	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-12
Client ID: 25SB-5 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 08:20
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.90		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:41	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-13
Client ID: 25SB-6 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 12:10
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.80		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:47	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-14
Client ID: 25SB-6 (7-9)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 12:25
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	5.47		mg/l	0.500	0.0270	1	07/21/25 22:30	07/29/25 23:53	EPA 3015	1,6010D	DMC

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

SAMPLE RESULTS

Lab ID: L2544818-15
Client ID: 25SB-6 (11-12)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/25 12:20
Date Received: 07/02/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 07/17/25 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.165	J	mg/l	0.500	0.0270	1	07/21/25 22:30	07/30/25 00:00	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/25 13:16	07/29/25 20:56	EPA 7470A	1,7470A	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-15 Batch: WG2093109-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/21/25 15:06	07/22/25 08:59	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/17/25 14:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02-03,10,15 Batch: WG2096420-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/25 13:16	07/29/25 20:33	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 07/17/25 14:05

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544818
Report Date: 07/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-15 Batch: WG2093109-2								
Lead, TCLP	94		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02-03,10,15 Batch: WG2096420-2								
Mercury, TCLP	104		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544818
Report Date: 07/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2093109-3 QC Sample: L2543773-02 Client ID: MS Sample												
Lead, TCLP	ND	5.3	4.93	93		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02-03,10,15 QC Batch ID: WG2096420-3 QC Sample: L2544818-02 Client ID: 25SB-1 (9-11)												
Mercury, TCLP	ND	0.025	0.0250	100		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2544818

Report Date: 07/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG2093109-4 QC Sample: L2543773-02 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02-03,10,15 QC Batch ID: WG2096420-4 QC Sample: L2544818-02 Client ID: 25SB-1 (9-11)						
Mercury, TCLP	ND	ND	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544818
Report Date: 07/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544818-01I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-01X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-02I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-02X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544818-02X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-03I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-03X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544818-03X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-04I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-04X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-04X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-05I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-05X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-05X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-06I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-06X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-06X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-07I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-07X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544818
Report Date: 07/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544818-07X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-08I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-08X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-08X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-09I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-09X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-09X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-10I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-10X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544818-10X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-11I1	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-11X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-11X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-12I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-12X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-12X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-13I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-13X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-13X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-14I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-14X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2544818-14X9	Tumble Vessel	NA	NA			Y	Absent		-
L2544818-15I	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		-
L2544818-15X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28),PB-CI(180)
L2544818-15X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2544818
Project Number:	25030019	**Report Date:**	07/30/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544818
Project Number:	25030019	**Report Date:**	07/30/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544818
Project Number:	25030019	**Report Date:**	07/30/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544818
Report Date: 07/30/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2544818

7 DAY TAT

NEW YORK CHAIN OF CUSTODY

Pace

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 7/3/25

Pace Job # ~~L2544818~~ L2544819

Client Information

Client: VEKTOR CONSULTANTS
Address: 37 W 37TH ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VCHANG@VEKTORCONSULTANTS.COM

Project Information

Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project # 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAYEL / VICTOR CHANG
PACE Quote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7 DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

CAT B DELIVERABLES W/ EQUIS EDDs

Please specify Metals or TAL: TAL METAL

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #: 25030019

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCBs	TAL METALS + Hg	1,4-DIOXANE	PFOA	TCLP-PB	Total Bottles
~~L2544818~~ -01	25SB-1(0-2)	7/2/25	1110	SOIL	BN	X	X	X	X	X	X	X	X	
-02	25SB-1(8-11)		1140										X	TCLP-HG
-03	25SB-1(12-13)		1120										X	TCLP-HG
-04	25SB-2(0-2)		1000										X	
-05	25SB-2(12-13)		1025										X	
-06	25SB-3(0-2)		0850										X	
-07	25SB-3(12-13)		0920										X	
-08	25SB-4(0-2)		0930										X	
-09	25SB-4(4-7)		0940										X	
-10	25SB-4(12-13)		0950										X	TCLP-HG

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, KE = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	7/2/25 1640	WIM Pace	7/2/25 1640
WIM Pace	7/2/25 2000	Anthony Green	JUL 02 2025 2000
Anthony Green	7/3/25 0440	[illegible]	7-03-25
		[illegible]	07/03/25 0440

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

L2544818

NEW YORK CHAIN OF CUSTODY

Pace

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 7/3/25

Pace Job #: ~~L2544818~~

Client Information
Client: VERTOR CONSULTANTS
Address: 37 W 37th ST
NEW YORK, NY 10018
Phone:
Fax:
Email: VC HAMG@VERTOR CONSULTING.COM

Project Information
Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project # 25030019
(Use Project name as Project #)
Project Manager: EZGI KARAYEL/VICTOR CHANG
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 7 DAY TAT

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
CAT B DELIVERABLES w/ EQUIS EDDs

Please specify Metals or TAL: TAL METAL + MERCURY

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #: 25030019

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	PEST/HERB	PCB	TAL METALS (23)	CYANIDE	TCL PEST + 4,4'-DDE	TCLP-8B	Total Bottles	Sample Specific Comments
~~L2544818-11~~	~~SB2 255B-5(0-2)~~	7/2/25	0815	S	BN	X	X	X	X	X	X	X	XX		
2544818 -12	255B-5(11-12)		0820			X	X	X	X	X	X	X	XXX		
-13	255B-6(0-2)		1210			X	X	X	X	X	X	X	XXX		
-14	255B-6(7-9)		1215			X	X	X	X	X	X	X	XXX		
-15	255B-6(11-12)		1220			X	X	X	X	X	X	X	X		TCLP-HG
-16	255B-5(0-2)MS		1030			X	X	X	X	X	X	X			
-17	255B-5(0-2)MSD		1040			X	X	X	X	X	X	X			
-18	Trip Blank		0915			X									

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type:
Preservative:

Relinquished By:	Date/Time	Received By:	Date/Time
	7/2/25 1640	WIFI Pace	7/2/25 1640
WIFI Pace	7/2/25 2000	Anthony Green	JUL 02 2025 2150
Anthony Green			7/3 828
	7/3 0440		07/30/25 04:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01.25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2544818

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 02-JUL-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.4	
B	Absent/	Ice	3.3	
C	Absent/	Ice	4.3	
D	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555016
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555016
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555016-01	25SB-4X (19'-21')	SOIL	BROOKLYN, NY	08/21/25 11:09	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555016
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555016
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555016-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555016
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555016-01
Client ID: 25SB-4X (19'-21')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 75%

Date Collected: 08/21/25 11:09
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.22		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 12:35	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2555016
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555016-01
Client ID: 25SB-4X (19'-21')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:09
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	751		mg/kg	5.30	0.252	2	09/03/25 04:01	09/03/25 12:28	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555016
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555016
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555016
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555016

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555016
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555016
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555016-01
Client ID: 25SB-4X (19'-21')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:09
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.8		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555016

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555016
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555016-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555016-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555016-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555016-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555016
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555016
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555016
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555016
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555016 KJC 9/2/25

YORK
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. L2555016 ~~L2552999~~

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:	Purchase Order # 25e30e16	RUSH-Next Day RUSH-Two Day RUSH-Three Day RUSH-Four Day
Phone: (347) 871-0750	Company:	Company:		
Contact: Ezgi Karaysel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (5 Day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB's	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082/PCB	RCRAB	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081/Pest	PP13 list	TPH DRO	TCL
STARS list	Nassau Co.	BN Only	8151/Herb	TAL	CT ETPH	TAL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Exhaust	EAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	
CT RCP list	5242	TCL list	TCLP Pest	Dissolved	Air STARS	
Arom. only	5042	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	
Halog.only	NJDEP list	App. IX	Chlordane	Asbestos	Air TICs	
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane	
8021B list		SPLP or TCLP	608 PCB		Hydrogen	

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/11/2025 1100	S	Total and TCLP Lead	1 8oz, 1-4oz
25SB-4X (7'-8')	8/11/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/11/2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/11/2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SAA
25SB-4X (15'-17')	8/11/2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/11/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/11/2025 1109	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-4X (21'-23')	8/11/2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/11/2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/11/2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/11/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/11/2025 1114	S	Same as above	same as above
				same as above

Comments:

Preservation (check all applicable): Pf, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions

Field Filtered ☐

Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	1500	SMR	8.21.25 1500	
SMR	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

8/22 02:30

Sample Delivery Group Summary

Pace Job Number : L2555016

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555017
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555017
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555017-01	25SB-4X (21'-23')	SOIL	BROOKLYN, NY	08/21/25 11:10	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555017
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555017
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555017-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555017
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555017-01
Client ID: 25SB-4X (21'-23')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:10
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.187	J	mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 12:41	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555017
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555017-01
Client ID: 25SB-4X (21'-23')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:10
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	342		mg/kg	4.71	0.224	2	09/03/25 04:01	09/03/25 12:32	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555017
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555017
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555017
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555017

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555017
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555017
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555017-01
Client ID: 25SB-4X (21'-23')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:10
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555017

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555017
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555017-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555017-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555017-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555017-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555017
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555017
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555017
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555017
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555017 KSC 9/2/25

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. L2555017

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:	Purchase Order # 25e30e1f	RUSH-Next Day
Phone: (347) 871-0750	Company:	Company:		RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5 Day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use

OTHER

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi Vols	Pest/Chlition	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 e 625	8082 PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CTLS list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Excellent
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Excellent
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Excellent
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Excellent
Halogenated only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Only
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Only
8021B list		SPLP or TCLP	608 PCB		Hexane	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/1/2025 1100	S	Total and TCLP Lead	1 8oz, 1-4oz
25SB-4X (7'-8')	8/1/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/1/2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/1/2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SAA
25SB-4X (15'-17')	8/1/2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/1/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/1/2025 1109	6	Same as above	same as above
25SB-4X (21'-23')	8/1/2025 1110	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-4X (23'-25)	8/1/2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/1/2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/1/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/1/2025 1114	S	Same as above	same as above
				same as above

Comments:

Preservation (check all applicable): PC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other 5021/TX

Special Instructions: Field Filtered [ ] Lab to Filter [ ]

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[illegible]	1500	SM2	8.21.25 1500	
SM2	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
Courier	8/22 02:30			°C

Sample Delivery Group Summary

Pace Job Number : L2555017

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555018
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555018
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555018-01	25SB-4X (23'-25')	SOIL	BROOKLYN, NY	08/21/25 11:11	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555018
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555018
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555018-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555018
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555018-01
Client ID: 25SB-4X (23'-25')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 77%

Date Collected: 08/21/25 11:11
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.499	J	mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 12:48	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555018
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555018-01
Client ID: 25SB-4X (23'-25')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	193		mg/kg	5.15	0.245	2	09/03/25 04:01	09/03/25 12:35	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555018
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555018
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555018
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555018

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555018
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555018
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555018-01
Client ID: 25SB-4X (23'-25')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:11
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555018

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555018
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555018-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555018-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555018-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555018-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555018
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555018
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555018
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555018
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555018 KJL 9/2/25

Page 4 of 6

L2551999

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25e30e1f	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__NY_x_NJ__	Standard (5 day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols	Pest/PCB	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halog only	NJDEP list	App. IX	Chlordane	Soils Only	Air TICs	NYCDEP
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/1/2025 1100	S	Total and TCLP Lead	1 8oz, 1-4oz
25SB-4X (7'-8')	8/1/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/1/2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/1/2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SAA
25SB-4X (15'-17')	8/1/2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/1/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/1/2025 1109	S	Same as above	same as above
25SB-4X (21'-23')	8/1/2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/1/2025 1111	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-4X (25'-27')	8/1/2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/1/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/1/2025 1114	S	Same as above	same as above
				same as above

01

Comments:

Preservation (check all applicable): FC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered
Lab to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1500	SSM2	8.21.25 1500
SSM2	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			8/22 02:30

Temperature on Receipt ____ °C

Sample Delivery Group Summary

Pace Job Number : L2555018

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555020
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555020
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555020-01	25SB-4X (25'-27')	SOIL	BROOKLYN, NY	08/21/25 11:12	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555020
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555020
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555020-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555020
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555020-01
Client ID: 25SB-4X (25'-27')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 78%

Date Collected: 08/21/25 11:12
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.36		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 12:54	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555020
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555020-01
Client ID: 25SB-4X (25'-27')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 78%

Date Collected: 08/21/25 11:12
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	326		mg/kg	4.90	0.233	2	09/03/25 04:01	09/03/25 12:39	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555020
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555020
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555020
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555020

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555020
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555020
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555020-01
Client ID: 25SB-4X (25'-27')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:12
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.4		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555020

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555020
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555020-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555020-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555020-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555020-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555020
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555020
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555020
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555020
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555020 KTC 9/2/25

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

Page 4 of 6

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. L2551999

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone: (347) 871-0750	Company:	Company:	Purchase Order # 25e30018	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5-7 day)

Report/Deliverable Type

- Summary Report
- QA Report X
- CT RCP
- CT RCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Reduced Deliv
- Excel X
- NYSDEC EQuIS
- NJDEP SRP HazSite
- EQuIS
- GIS/KEY (std)

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 x 625	8082 PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met(S)
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	FAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 (Full)
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 (Inorganics)
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 (Organics)
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 (Pest/PCB)
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Cleanup
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	GW Metals	Methane	NYSDEC Cleanup
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/21/2025 1100	S	Total and TCLP Lead	1 8oz I-Lar
25SB-4X (7'-8')	8/21/2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/21/2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/21/2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SAA
25SB-4X (15'-17')	8/21/2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/21/2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/21/2025 1109	S	Same as above	same as above
25SB-4X (21'-23')	8/21/2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/21/2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/21/2025 1112	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-4X (27'-29')	8/21/2025 1113	S	Same as above	same as above
25SB-4X (29'-30')	8/21/2025 1114	S	Same as above	same as above
				same as above

Comments:

Preservation (check all applicable): Ice, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1500	SSm2	8.21.25 1500
SSm2	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
	8/22 02:30		

Temperature on Receipt ____ °C

Sample Delivery Group Summary

Pace Job Number : L2555020

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis? Please refer to information noted in Question 3 above.	**NO**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555915
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555915
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555915-01	25SB-4X (29'-30')	SOIL	BROOKLYN, NY	08/21/25 11:14	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555915
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555915
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555915-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555915
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555915-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 54%

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.0333	J	mg/l	0.500	0.0270	1	09/08/25 14:26	09/08/25 17:57	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555915
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555915-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 54%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	5.82	J	mg/kg	7.26	0.346	2	09/08/25 21:13	09/09/25 11:34	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555915
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2112043-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 14:26	09/08/25 17:03	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555915
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2112043-2								
Lead, TCLP	96		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555915
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2112043-3 QC Sample: L2554761-01 Client ID: MS Sample												
Lead, TCLP	ND	5.3	5.09	96		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2112085-3 WG2112085-4 QC Sample: L2554752-01 Client ID: MS Sample												
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555915
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555915-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.1		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555915

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555915
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555915-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555915-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555915-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555915-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555915
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555915
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555915
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555915
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

915 10wk

L2555915

Page 4 of 6

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. L2555915 ~~L2552999~~

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25e3e1f	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (5 Day) 6-26

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER:	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Newman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.		Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec	STARS list	8081 Pest	PPL3 list	TPH DRO	TCL Organics
STARS list	Naphth. Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals
BTEX	Naphth. Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Pest 8081 Aroclor
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Pest 8081 Analyte
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Pest 8082 Aroclor
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Pest 8082 Analyte
Halog only	NJDEP list	App. IX	Chlordane	Soils/Metals	Air TICs	NYCRRP Aroclor
App IX list	SPLP or TCLP	TCLP DNA	608 Pest	Leachate	Methane	NYSDEC Aroclor
8021B list		SPLP or TCLP	608 PCB		Halogs	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/ /2025 1100	S	Total and TCLP Lead	1 8oz, 1-6oz
25SB-4X (7'-8')	8/ /2025 1103	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/ /2025 1105	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/ /2025 1106	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	SGA
25SB-4X (15'-17')	8/ /2025 1107	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/ /2025 1108	S	Same as above	same as above
25SB-4X (19'-21')	8/ /2025 1109	S	Same as above	same as above
25SB-4X (21'-23')	8/ /2025 1110	S	Same as above	same as above
25SB-4X (23'-25)	8/ /2025 1111	S	Same as above	same as above
25SB-4X (25'-27')	8/ /2025 1112	S	Same as above	same as above
25SB-4X (27'-29')	8/ /2025 1113	S	Same as above	same as above
01 25SB-4X (29'-30')	8/ /2025 1114	S	Total PB, TCLP-PB ~~Same as above~~	same as above
				same as above

Comments:

Preservation (check all applicable): FC Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered
Lab to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	1500	SSm	8.21.25 1500	
SSm	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	°C

Courier 8/22 02:30

Sample Delivery Group Summary

Pace Job Number : L2555915

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557973
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557973-01	25SB-4X (29'-30')	SOIL	BROOKLYN, NY	08/21/25 11:14	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557973
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557973
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557973
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557973-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 54%

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 07:20	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557973
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557973-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 54%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.121	0.079	1	09/16/25 02:32	09/16/25 16:37	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557973
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557973-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.1		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557973

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557973
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2557973-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557973-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557973-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557973-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557973
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557973
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557973
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557973
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2557973

9/15/25 DJL

YORK

Field Chain-of-Custody Record

Page 4 of 6

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name	Name	Purchase Order # 75e3e-1	RUSH-Next Day	QA Report [X]
Phone: (347) 871-0750	Company	Company		RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail	Samples From CT__ NY_x_ NJ__	RUSH-Four Day	NY ASP A Package
				Standard (5 Day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel [X]
					NYSDEC EQuIS
					NJDEP SRP HazSite EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use
					OTHER

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes: SW surface water; GW groundwater; WW wastewater; DW drinking water; SO soil; SL sludge; OL oil; LIQ other liquid; AIR air; SOL other solid; WP wipe

Volatiles | Semi Vols. | Metals | Misc Org. | Full List

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6'-7')	8/ /2025	S	Total and TCLP Lead	1 Soil Jar
25SB-4X (7'-8')	8/ /2025	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9'-10')	8/ /2025	S	Total and TCLP Lead	same as above
25SB-4X (13'-15')	8/ /2025	S	SVOCs, TAL Metals on HOLD for TCLP Metals	
25SB-4X (15'-17')	8/ /2025	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17'-19')	8/ /2025	S	Same as above	same as above
25SB-4X (19'-21')	8/ /2025	S	Same as above	same as above
25SB-4X (21'-23')	8/ /2025	S	Same as above	same as above
25SB-4X (23'-25)	8/ /2025	S	Same as above	same as above
25SB-4X (25'-27')	8/ /2025	S	Same as above	same as above
25SB-4X (27'-29')	8/ /2025	S	Same as above	same as above
-01 25SB-4X (29'-30')	8/ /2025	S	TOTAL HG ~~Same as above~~ TCLP HG	same as above
				same as above

Comments:

Preservation (check all applicables): Special Instructions / Additional Comments

Samples Relinquished By: Date/Time 8-21-25 1500

Samples Received By: Date/Time 8-21-25 1500

Samples Relinquished By: Date/Time

Samples Received in LAB by: Date/Time 8/22 02:30

Temperature on Receipt

Sample Delivery Group Summary

Pace Job Number : L2557973

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555022
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555022
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555022-01	25SB-5X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 11:32	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555022
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555022
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555022-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555022
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555022-01
Client ID: 25SB-5X (16'-18')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:32
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.42		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 13:00	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555022
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555022-01
Client ID: 25SB-5X (16'-18')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:32
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	78.1		mg/kg	5.01	0.239	2	09/03/25 04:01	09/03/25 12:42	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555022
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555022
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555022
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555022

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555022
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555022
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555022-01
Client ID: 25SB-5X (16'-18')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:32
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.9		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555022

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555022
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555022-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555022-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555022-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555022-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555022
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555022
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555022
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555022
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555022 KSC 9/2/25

L2552995

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:	Purchase Order # 25C30019	RUSH-Next Day	QA Report X
Phone: (347) 871-0760	Company:	Company:		RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Volatiles		Semi-Vols.	Pest/Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pet Full
624	8260 Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT13 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	8081 Spec.	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	8082 PCB	Total	Air TO15	Part 360 Semivolatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Arom. only	502.2	NJDEP list	TCLP Herb	5030 Vol.	Air VPH	Part 360 Herbicides
Halog only	NJDEP list	App. IX	Chlordane	Soil/Sed.	Air TICs	NYSDEC Pesticides
App.IX list	5030 Vol.	TCLP BNA	608 Pest	Aqueous	Methane	NYSDEC Herbicides
8021B list		5030 Vol.	608 PCB		Helium	TAGM

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/ /2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1 8oz 1-7oz
25SB-5X (14'-16')	8/ /2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/ /2025 1132	S	~~ON HOLD for TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-5X (18'-20')	8/ /2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/ /2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (22'-24')	8/ /2025 1135	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (24'-26')	8/ /2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/ /2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/ /2025 1138	S	ON HOLD for TAL and TCLP Metals	same as above

-01

Comments:

Preservation (check all applicable): FC, Frozen, EnCore, ZnAc, Ascorbic Acid, MeOH, HNO3, H2SO4, NaOH, Other

Special Instructions: Field Filtered [ ] Lab to Filter [ ]

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1800	SSmi	8.21.25 1300	
SSmi	8-21-25 1920			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

Comments 9/2 2:30

Sample Delivery Group Summary

Pace Job Number : L2555022

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555023
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555023
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555023-01	25SB-5X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 11:33	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555023
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555023
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555023-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555023
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555023-01
Client ID: 25SB-5X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:33
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 55%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.392	J	mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 13:07	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555023
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555023-01
Client ID: 25SB-5X (18'-20')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 55%
Date Collected: 08/21/25 11:33
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	398		mg/kg	7.13	0.339	2	09/03/25 04:01	09/03/25 12:45	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555023
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555023
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555023
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555023

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555023
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555023
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555023-01
Client ID: 25SB-5X (18'-20')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:33
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.5		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555023

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555023
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555023-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555023-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555023-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555023-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555023
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555023
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555023
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555023
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555023 KJC 9/2/25

Page 5 of 6

~~L2552995~~

YORK

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order # 25C3C19	RUSH-Two Day
	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
Phone: (347) 871-0750				RUSH-Four Day
Contact: Ezgi Karayel			Samples from CT__NY_x_NJ__	Standard (6-9day) X
E-mail: ezgi@vektorconsultants.com		E-mail:		

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemas

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pet Full
624	8260 Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT13 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Groundwater
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Leachate
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Gas/Vapor
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Soil
Haleg only	NJDEP list	App IX	Chlordane	Soils Metals	Air TICs	NYCRR Groundwater
App IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane	NYCRR Soil
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/ /2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1 8oz 1-7oz
25SB-5X (14'-16')	8/ /2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/ /2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/ /2025 1133	S	~~ON HOLD for TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-5X (20'-22')	8/ /2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (22'-24')	8/ /2025 1135	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (24'-26')	8/ /2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/ /2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/ /2025 1138	S	ON HOLD for TAL and TCLP Metals	same as above

Comments:

Preservation (check all applicable): FC; Frozen; ZnAc; NaOH; Ascorbic Acid; MeOH; HCl; HNO3; H2SO4; Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25 1800	SSmi	8.21.25 1900	
SSmi	8.21.25 1920			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

9/2 2:30

Sample Delivery Group Summary

Pace Job Number : L2555023

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555030
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555030
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555030-01	25SB-5X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 11:35	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555030
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555030
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555030-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555030
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555030-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 50%

Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 13:50	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555030
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555030-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	12.2		mg/kg	7.60	0.362	2	09/03/25 11:05	09/03/25 14:05	EPA 3050B	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555030
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2110088-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 11:05	09/03/25 14:24	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555030
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2110088-2								
Lead, Total	101		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555030
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-3 QC Sample: L2554463-01 Client ID: MS Sample												
Lead, Total	44.1	45.8	79.6	78		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555030

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-4 QC Sample: L2554463-01 Client ID: DUP Sample						
Lead, Total	44.1	42.6	mg/kg	3		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555030
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555030-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.6		%	0.100	NA	1	-	09/03/25 07:26	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555030

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110033-1 QC Sample: L2555030-01 Client ID: 25SB-5X (22'-24')						
Solids, Total	49.6	49.9	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555030
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555030-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555030-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555030-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555030-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555030
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555030
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555030
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555030
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555030 IGL 9/2/25

Page 5 of 6

~~L2552999~~

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	2503019	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemas

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Fit Poll.
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met'ls
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRR
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	6207 Extract	Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/7/2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1 8oz 1-7oz
25SB-5X (14'-16')	8/7/2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/7/2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/7/2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/7/2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
-01 25SB-5X (22'-24')	8/7/2025 1135	S	~~ON HOLD for TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-5X (24'-26')	8/7/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/7/2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/7/2025 1138	S	ON HOLD for TAL and TCLP Metals	same as above

Comments:

Preservation (check all applicable): 4°C, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1800	SSmi	8/21/25 1900
SSmi	8.21.25 1920		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt ___ °C

9/2 2:30

Sample Delivery Group Summary

Pace Job Number : L2555030

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557964
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557964
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557964-01	25SB-5X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 11:35	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557964
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557964
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557964
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557964-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 50%

Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 07:17	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557964
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557964-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.136	0.089	1	09/16/25 02:32	09/16/25 16:34	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557964
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557964
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557964
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557964
Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557964
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557964-01
Client ID: 25SB-5X (22'-24')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 11:35
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.6		%	0.100	NA	1	-	09/03/25 07:26	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557964

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110033-1 QC Sample: L2555030-01 Client ID: DUP Sample						
Solids, Total	49.6	49.9	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557964
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557964-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557964-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557964-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557964-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557964
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557964
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557964
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557964
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2557964 9/15/25 DJL

YORK
York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

L2552999

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	25C32019	RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT NY x NJ	RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ezgi Karayel

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Semi-Volatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Aromatic only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRR Subpart 5-1
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	1267 Extra	Methane	NYSDEC Composite
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/7/2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1804 (-702
25SB-5X (14'-16')	8/7/2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/7/2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/7/2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/7/2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
-01 25SB-5X (22'-24')	8/7/2025 1135	S	TOTAL HG ~~ON HOLD for TAL and TCLP Metals~~ TCLP HG	same as above
25SB-5X (24'-26')	8/7/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/7/2025 1137	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (28'-30')	8/7/2025 1138	S	ON HOLD for TAL and TCLP Metals	same as above

Comments:

Preservation (check all applicable): FC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/21/25 1800	SSmi	8.21.25 1900
SSmi	8.21.25 1920		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt ___ °C

9/22 2:30

Sample Delivery Group Summary

Pace Job Number : L2557964

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555031
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555031
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555031-01	25SB-5X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 11:37	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555031
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555031
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555031-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555031
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555031-01
Client ID: 25SB-5X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:37
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 55%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.140	J	mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 13:37	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555031
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555031-01
Client ID: 25SB-5X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:37
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 55%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	18.1		mg/kg	7.06	0.336	2	09/03/25 11:05	09/03/25 14:11	EPA 3050B	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555031
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2110088-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 11:05	09/03/25 14:24	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555031
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2110088-2								
Lead, Total	101		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555031
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-3 QC Sample: L2554463-01 Client ID: MS Sample												
Lead, Total	44.1	45.8	79.6	78		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555031

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-4 QC Sample: L2554463-01 Client ID: DUP Sample						
Lead, Total	44.1	42.6	mg/kg	3		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555031
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555031-01
Client ID: 25SB-5X (26'-28')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:37
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.5		%	0.100	NA	1	-	09/03/25 07:26	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555031

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110033-1 QC Sample: L2555030-01 Client ID: DUP Sample						
Solids, Total	49.6	49.9	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555031
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555031-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555031-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555031-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555031-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555031
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555031
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555031
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555031
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555031 KSL 9/2/25

Page 5 of 6

L2552999

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analysis requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	Purchase Order # 25C3c19	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__NY_x_NJ__	RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemarn

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/Pcb(sim)	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	608.3 PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT13 list	NY 310-13	Full TCLP
MTBE	Kerosene	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Grndwtr
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Surface
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Sewer
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VIH	Part 360 Sewer
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Sewer
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	6207 Extra	Methane	NYSDEC Sewer
8021 B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5X (12'-14')	8/7/2025 1130	S	TAL Metals, on HOLD for TCLP Metals	1802 1-7oz
25SB-5X (14'-16')	8/7/2025 1131	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (16'-18')	8/7/2025 1132	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (18'-20')	8/7/2025 1133	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (20'-22')	8/7/2025 1134	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (22'-24')	8/7/2025 1135	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (24'-26')	8/7/2025 1136	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-5X (26'-28')	8/7/2025 1137	S	~~ON HOLD for TAL and TCLP Metals~~ Total+TCLP Pb	same as above
25SB-5X (28'-30')	8/7/2025 1138	S	ON HOLD for TAL and TCLP Metals	same as above

01

Comments:

Preservation (check all applicable): 4°C; Frozen; HCl; MeOH; HNO_3; H_2SO_4; NaOH; ZnAc; Ascorbic Acid; Others

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/7/25 1800	SSmi	8-8-25 1300	
SSmi	8.7.25 1920			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

9/2 2:30

Sample Delivery Group Summary

Pace Job Number : L2555031

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554986
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554986
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554986-01	25SB-6X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 10:08	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554986
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554986
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554986-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2554986
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554986-01
Client ID: 25SB-6X (16'-18')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:08
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.90		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 11:18	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554986
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554986-01
Client ID: 25SB-6X (16'-18')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 71%
Date Collected: 08/21/25 10:08
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	424		mg/kg	5.46	0.260	2	09/03/25 04:01	09/03/25 11:56	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554986
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554986
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554986
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554986

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554986
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554986
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554986-01
Client ID: 25SB-6X (16'-18')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:08
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.3		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554986

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554986
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2554986-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554986-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554986-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554986-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554986
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554986
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554986
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554986
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554986 KSC 9/2/25

Page 3 of 6 ~~L2552999~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	25c 3-6, 9	RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__ NY_x_ NJ__	RUSH-Four Day
				Standard (6-9day) X

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	TCL Pest
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Semivolatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog. only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Metals
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LDT Soil/Air	Methane	NYSDEC Cleanup
8021B list		SPLP or TCLP	608 PCB		Hydrazine	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-4oz
25SB-6X (7'-8')	8/21/2025 0937	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0949	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-terracore, 1-8oz, 1-4oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1003	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1020	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other 15cc

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25	SSmt	8.21.25 1500
SSmt	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	8/22 02:30

Temperature on Receipt ____ C

Sample Delivery Group Summary

Pace Job Number : L2554986

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554992
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554992
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554992-01	25SB-6X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 10:10	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554992
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554992
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554992-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554992
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554992-01
Client ID: 25SB-6X (18'-20')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 68%

Date Collected: 08/21/25 10:10
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.95		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 11:24	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2554992
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554992-01
Client ID: 25SB-6X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:10
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	411		mg/kg	5.78	0.275	2	09/03/25 04:01	09/03/25 11:59	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554992
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554992
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554992
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554992

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554992
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554992
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554992-01
Client ID: 25SB-6X (18'-20')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:10
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.3		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554992

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554992
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2554992-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554992-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554992-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554992-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554992
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554992
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554992
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554992
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554992 KSC 9/2/25

Page 3 of 6 ~~L2552999~~

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25C3001	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__ NY_x_ NJ__	Standard (8-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER:	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL 84	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Pesticides
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Base Neutrals
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Acid Extr.
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Metals
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LMT Below	Methane	NYSDEC Metals
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0927	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0929	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-Terracore, 1-8oz, 1-2oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1006	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1014	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1020	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

01

Comments:

Preservation (check all applicable): FC ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid 15cc ___ Other ___

Special Instructions

Field Filtered ☐

Lab to Filter ☐

Samples Relinquished By	Date/Time 8/21/25	Samples Received By	Date/Time 8.21.25 1500
Samples Relinquished By	Date/Time 8.21.25 1820	Samples Received in LAB by	Date/Time 8/22 02:30

Temperature on Receipt ____ °C

Sample Delivery Group Summary

Pace Job Number : L2554992

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555003
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555003
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555003-01	25SB-6X (22'-24')	SOIL	BROOKLYN, NY	08/21/25 10:14	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555003
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555003
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555003-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555003
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555003-01
Client ID: 25SB-6X (22'-24')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.40		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 12:22	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555003
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555003-01
Client ID: 25SB-6X (22'-24')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	815		mg/kg	5.57	0.265	2	09/03/25 04:01	09/03/25 12:07	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555003
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555003
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555003
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555003

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2555003
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555003
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555003-01
Client ID: 25SB-6X (22'-24')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 10:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.5		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555003

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555003
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555003-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555003-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555003-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555003-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555003
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555003
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555003
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555003
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555003 KSC 9/2/25

Page 3 of 6 ~~L2552999~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:	Purchase Order #	RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	250309	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	Samples from CT NY X NJ	RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail		RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.	Restriction	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Estuary	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halogenated only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYSDEC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	1237 Pb-210	Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0937	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0949	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-Terracore, 1-8oz, 1-2oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1005	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	~~Same as above~~ Total + TCLP Pb	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1020	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other 15cc

Special Instructions

Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time 8/21/25	Samples Received By	Date/Time 8.21.25 1500
Samples Relinquished By	Date/Time 8.21.25 1820	Samples Received in LAB by	Date/Time 8/22 02:30

Temperature on Receipt ____°

Sample Delivery Group Summary

Pace Job Number : L2555003

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555982
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555982
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555982-01	25SB-6X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 10:20	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555982
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555982
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555982-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555982
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555982-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 40%

Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/25 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.668		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 17:22	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Lab Number: L2555982
Project Number: 25030019
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555982-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 40%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	25.2		mg/kg	9.45	0.450	2	09/08/25 21:13	09/09/25 11:47	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555982
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2111830-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 14:28	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555982
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2111830-2								
Lead, TCLP	100		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555982
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2111830-3						QC Sample: L2553957-04			Client ID: MS Sample		
Lead, TCLP	0.0730J	5.3	5.32	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2112085-3					WG2112085-4	QC Sample: L2554752-01			Client ID: MS Sample		
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555982

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-4 QC Sample: L2553957-04 Client ID: DUP Sample						
Lead, TCLP	0.0730J	0.0403J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555982
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555982-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	39.8		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555982

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555982
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555982-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555982-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555982-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555982-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555982
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555982
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555982
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555982
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

L2555982
~~L2552999~~

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25c 5007	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.		Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Fri Full
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN only	625 Base/Neuts	TAL	CT ETPH	
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halogens only	STARS list	App IX	Chlordane	Soils Metals	Air TICs	NYCRR
App IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0927	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0929	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0942	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-terracore, 1-8oz, 1-2oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1006	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
01 25SB-6X (26'-28')	8/21/2025 1020	S	Total PB, TCLP-PB ~~Same as above~~	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): Ice, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other 15cc

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25	SSmz	8-21-25 1500	
SSmz	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			8/22 02:30	

Sample Delivery Group Summary

Pace Job Number : L2555982

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557956
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557956
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557956-01	25SB-6X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 10:20	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557956
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557956
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2557956
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557956-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 40%
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 07:04	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557956
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557956-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 40%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.193	0.126	1	09/16/25 02:32	09/16/25 16:28	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557956
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557956
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557956
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557956

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557956
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557956-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	39.8		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557956

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557956
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557956-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557956-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557956-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557956-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557956
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557956
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557956
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557956
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analysis requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25c 5007	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists
8260 full TICs	8270 +625 8082 PCB	RCRA8	TPH GRO	Pri Full
624 Site Spec	STARS list 8081 Pest	PP13 list	TPH DRO	TCL Organo
STARS list Nassau Co	BN only 8151 Herb	TAL	CT ETPH	
BTEX Suffolk Co	Acids Only CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE Ketone	PAH list App IX	TAGM list	TPH 1664	Full App IX
TCL list Oxygenates	TAGM list Site Spec	NJDEP list	Air TO14A	Part 360
TAGM list TCLP list	CT RCP list SPLP or TCLP	Total	Air TO15	Part 360
CT RCP list 524.2	TCL list TCLP Pest	Dissolved	Air STARS	Part 360
Arom. only 502.2	NJDEP list TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halog only NJDEP list	App IX Chlordane	Soils Metals	Air TICs	NYCRR
App IX list SPLP or TCLP	TCLP BNA 608 Pest		Methane	NYSDEC
8021B list	SPLP or TCLP 608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-2oz
25SB-6X (7'-8')	8/21/2025 0927	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0929	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0942	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-4oz amber, 1-8oz, 1-2oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1005	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
-01 25SB-6X (26'-28')	8/21/2025 1020	S	TOTAL HG ~~Same as above~~ TCLP HG	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Same as above	same as above

Comments:

Preservation (check all applicable): Ice Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other 15cc

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25	SSmz	8.21.25 1500	
SSmz	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			8/22 02:30	

Sample Delivery Group Summary

Pace Job Number : L2557956

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555989
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555989
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555989-01	25SB-6X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 10:22	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555989
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555989
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555989-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555989
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555989-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 50%

Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/25 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 17:26	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555989
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555989-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	10.5		mg/kg	7.75	0.369	2	09/08/25 21:13	09/09/25 11:50	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555989
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2111830-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 14:28	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555989
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2111830-2								
Lead, TCLP	100		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555989
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2111830-3			QC Sample: L2553957-04		Client ID: MS Sample						
Lead, TCLP	0.0730J	5.3	5.32	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2112085-3	WG2112085-4		QC Sample: L2554752-01		Client ID: MS Sample						
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555989

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-4 QC Sample: L2553957-04 Client ID: DUP Sample						
Lead, TCLP	0.0730J	0.0403J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555989
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555989-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	50.3		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555989

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555989
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555989-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555989-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555989-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555989-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555989
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555989
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555989
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555989
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9:15 pm

L2555989

~~L2552999~~

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25c 3=18	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.		Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Fri Full
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL 84	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360
TAGM list	TCLP 84	CT RCP list	8082 PCB	Total	Air TO15	Part 360
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360
Halog. only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRR
App IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane	NYSDEC
8021B list		SPLP or TCLP	608 PCB		Hydrog.	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-4oz
25SB-6X (7'-8')	8/21/2025 0937	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0949	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-4oz preserved, 1-8oz, 1-4oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1005	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1620	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	Total PB, TCLP-PB ~~Same as above~~	same as above

Comments:

Preservation (check all applicable): Pf, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

15cc

Special Instructions: Field Filtered / Lab to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25	SSm	8-21-25 1500
SSm	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Leonard	8/22 02:30

Temperature on Receipt: ____ °C

Sample Delivery Group Summary

Pace Job Number : L2555989

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557961
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557961
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557961-01	25SB-6X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 10:22	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557961
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557961
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557961
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557961-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 50%

Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 07:14	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557961
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557961-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.136	0.089	1	09/16/25 02:32	09/16/25 16:31	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557961
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557961
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557961
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557961
Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557961
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557961-01
Client ID: 25SB-6X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:22
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	50.3		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557961

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557961
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557961-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557961-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557961-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557961-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557961
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557961
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557961
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557961
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

YORK
York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

~~L2552999~~

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 8th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25c 3=18	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nevins

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles	Semi-Vols.	Pesticides	Metals	Misc. Org.	Full Lists
8260 full	8270 + 625	8082 PCB	RCRA8	TPH GRO	Fri Full
624	Site Spec	STARS list	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY Metals
MTBE	Ketones	PAH list	App IX	TAGM list	TPH 1664
TCL 84	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A
TAGM list	TCLP 84	CT RCP list	SPLP or TCLP	Total	Air TO15
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH
Halog. only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs
App IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane
8021B list		SPLP or TCLP	608 PCB		Helium

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/21/2025 0925	S	Total and TCLP Lead	1-8oz, 1-4oz
25SB-6X (7'-8')	8/21/2025 0937	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/21/2025 0949	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/21/2025 0947	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/21/2025 0954	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-4oz preserved, 1-8oz, 1-4oz
25SB-6X (14'-16')	8/21/2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/21/2025 1005	S	Same as above	same as above
25SB-6X (18'-20')	8/21/2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/21/2025 1012	S	Same as above	same as above
25SB-6X (22'-24')	8/21/2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/21/2025 1018	S	Same as above	same as above
25SB-6X (26'-28')	8/21/2025 1620	S	Same as above	same as above
25SB-6X (28'-30')	8/21/2025 1022	S	~~Same as above~~ TOTAL HG TCLP HG	same as above

-01

Comments:

Special Instructions
Field Filtered
Lab to Filter

Preservation (check all applicable)
Pf | Frozen | HCl | MeOH | HNO_3 | H_2SO_4 | NaOH
ZnAc | Ascorbic Acid | Other
15cc

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
8/21/25		SSm	8.21.25 1500
SSm	8.21.25 1820		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			8/22 02:30

Temperature on Receipt ____ °C

Sample Delivery Group Summary

Pace Job Number : L2557961

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555032
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555032
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555032-01	25SB-9X (6'-8')	SOIL	BROOKLYN, NY	08/21/25 12:47	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555032
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555032
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555032-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555032
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555032-01
Client ID: 25SB-9X (6'-8')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:47
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.124	J	mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 13:43	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Lab Number: L2555032
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555032-01
Client ID: 25SB-9X (6'-8')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:47
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	318		mg/kg	4.64	0.221	2	09/03/25 11:05	09/03/25 14:17	EPA 3050B	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555032
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2110088-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 11:05	09/03/25 14:24	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555032
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2110088-2								
Lead, Total	101		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555032
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-3 QC Sample: L2554463-01 Client ID: MS Sample												
Lead, Total	44.1	45.8	79.6	78		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555032

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110088-4 QC Sample: L2554463-01 Client ID: DUP Sample						
Lead, Total	44.1	42.6	mg/kg	3		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555032
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2555032-01
Client ID: 25SB-9X (6'-8')
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 12:47
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	09/03/25 07:26	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555032

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110033-1 QC Sample: L2555030-01 Client ID: DUP Sample						
Solids, Total	49.6	49.9	%	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555032
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2555032-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555032-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555032-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555032-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555032
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555032
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555032
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555032
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2555032 KJC 9/2/25

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

Page 6 of 6

~~L2552999~~

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. Use of this document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order # 2563017	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:		RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT NY x NJ	Standard (6-9day) X

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemas
Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols	Pest/PCB(incl)	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	608.2 PCB	RCRA8	TPH GRO	Pet Full
624	8021 Spec	STARS list	608.1 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CTLS list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Metals
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halogs only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYSDEC Sewer
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	Leach Inorganics	Methane	NYSDEC Metals
8021B list		SPLP or TCLP	608 PCB		Helium	TAL+SB

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	~~ON HOLD for Total and TCLP Lead~~ Total+TCLP Pb	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAG
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025 1254~~	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025 1255~~	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/1/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/1/2025 1258	S	Same as above	same as above

Comments:

Preservation (check all applicable): FC Frozen ICE MeOH HNO3 H2SO4 NaOH ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered [ ]
Lab to Filter [ ]

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[illegible]	8/31/25 1500	[illegible]	8-31-25 1500
SSMZ	8-31-25 1820		
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time

Temperature on Receipt ____ °

Sample Delivery Group Summary

Pace Job Number : L2555032

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555935
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555935
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555935-01	25SB-9X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 12:56	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555935
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555935
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555935-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555935
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555935-01
Client ID: 25SB-9X (24'-26')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 51%

Date Collected: 08/21/25 12:56
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/25 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.279	J	mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 16:40	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555935
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555935-01
Client ID: 25SB-9X (24'-26')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:56
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 51%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1050		mg/kg	7.76	0.369	2	09/08/25 21:13	09/09/25 11:37	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555935
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2111830-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 14:28	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555935
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2111830-2								
Lead, TCLP	100		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555935
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2111830-3			QC Sample: L2553957-04		Client ID: MS Sample						
Lead, TCLP	0.0730J	5.3	5.32	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2112085-3	WG2112085-4		QC Sample: L2554752-01		Client ID: MS Sample						
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555935

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-4 QC Sample: L2553957-04 Client ID: DUP Sample						
Lead, TCLP	0.0730J	0.0403J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555935
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555935-01
Client ID: 25SB-9X (24'-26')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 12:56
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	51.4		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555935

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555935
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555935-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555935-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555935-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555935-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555935
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555935
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555935
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555935
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9/5 PM

L2555935

~~L2552999~~

Page 6 of 6

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order # 25C3017	RUSH-Two Day
Phone: (347) 871-0750	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
Contact: Ezgi Karayel				RUSH-Four Day
E-mail: ezgi@vektorconsultants.com	E-mail:		Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemra

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles | Semi Vols. | Pest/PCB/Herb | Metals | Misc. Org. | Full Lists

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025~~ 1254	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025~~ 1255	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Total PB, TCLP-PB ~~Same as above~~	same as above
25SB-9X (26'-28')	8/1/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/1/2025 1258	S	Same as above	same as above

01

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/31/25 15:00	[signature]	9-2-25 1500	____ °C
[signature]	8-21-25 18:30	[signature]	8/2 1730	
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	

Sample Delivery Group Summary

Pace Job Number : L2555935

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555942
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555942
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555942-01	25SB-9X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 12:57	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555942
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555942
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555942-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555942
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555942-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 57%

Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/25 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 16:43	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555942
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555942-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	25.7		mg/kg	6.69	0.318	2	09/08/25 21:13	09/09/25 11:40	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555942
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2111830-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 14:28	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555942
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2111830-2								
Lead, TCLP	100		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555942
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-3 QC Sample: L2553957-04 Client ID: MS Sample												
Lead, TCLP	0.0730J	5.3	5.32	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2112085-3 WG2112085-4 QC Sample: L2554752-01 Client ID: MS Sample												
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555942

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-4 QC Sample: L2553957-04 Client ID: DUP Sample						
Lead, TCLP	0.0730J	0.0403J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555942
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555942-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.6		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555942

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555942
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555942-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555942-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555942-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555942-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555942
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555942
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555942
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555942
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

915 Pmd

Page 6 of 6

L2555942

~~L2552999~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
	Company:	Company:	Purchase Order # 25C3011?	RUSH-Two Day	CT RCP
	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Phone: (347) 871-0760	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
Contact: Ezgi Karayel			Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
E-mail: ezgi@vektorconsultants.com	E-mail:				NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemra

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles | Semi Vols. | Pest/Chlordy | Metals | Misc. Org. | Full Lists

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025 1254~~	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025 1255~~	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
01 25SB-9X (26'-28')	8/1/2025 1257	S	Total PB, TCLP - PB ~~Same as above~~	~~same as above~~
25SB-9X (28'-30')	8/1/2025 1258	S	Same as above	same as above

Comments:

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

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/21/25 1500	[signature]	8.21.25 1500
SSmz	8.21.25 1830	[signature]	8/21/25 1830
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time

Temperature on Receipt ___ °C

Sample Delivery Group Summary

Pace Job Number : L2555942

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557941
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557941
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557941-01	25SB-9X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 12:57	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557941
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557941
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557941
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557941-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 57%

Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:57	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557941
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557941-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.131	0.085	1	09/16/25 02:32	09/16/25 16:14	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557941
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557941
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557941
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557941

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557941
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557941-01
Client ID: 25SB-9X (26'-28')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 08/21/25 12:57
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.6		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557941

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557941
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557941-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557941-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557941-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557941-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557941
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557941
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557941
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557941
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. L2552999

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order # 25C3011?	RUSH-Two Day
Phone: (347) 871-0760	Address:	Address:		RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com	E-mail:		Samples from CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nemec

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles | Semi Vols. | Pest/Chlordy | Metals | Misc. Org. | Full Lists

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025 1254~~	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025 1255~~	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
-01 25SB-9X (26'-28')	8/1/2025 1257	S	TOTAL HG ~~Same as above~~ TCLP HG	~~same as above~~
25SB-9X (28'-30')	8/1/2025 1258	S	Same as above	same as above

Comments:

Preservation (check all applicable): pH ___ Freeze ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/21/25 1500	[signature]	8.21.25 1500
[signature]	8.21.25 1830	[signature]	8/22 1130

Temperature on Receipt: ___ °C

Sample Delivery Group Summary

Pace Job Number : L2557941

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2555960
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/09/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555960
Report Date: 09/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2555960-01	25SB-9X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 12:58	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2555960
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2555960
Project Number:	25030019	**Report Date:**	09/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2555960-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/09/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2555960
Project Number: 25030019
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555960-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%
TCLP/SPLP Ext. Date: 09/05/25 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 17:19	EPA 3015	1,6010D	JMF

Project Name: 601-607 UNION ST
Lab Number: L2555960
Project Number: 25030019
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555960-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	15.9		mg/kg	7.03	0.335	2	09/08/25 21:13	09/09/25 11:43	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555960
Report Date: 09/09/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2111830-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/08/25 08:48	09/08/25 14:28	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/05/25 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2112085-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/08/25 21:13	09/09/25 09:56	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555960
Report Date: 09/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2111830-2								
Lead, TCLP	100		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2112085-2								
Lead, Total	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555960
Report Date: 09/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2111830-3						QC Sample: L2553957-04			Client ID: MS Sample		
Lead, TCLP	0.0730J	5.3	5.32	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG2112085-3					WG2112085-4	QC Sample: L2554752-01			Client ID: MS Sample		
Lead, Total	20.3J	46.9	76.6	**163**	Q	69.4	**147**	Q	75-125	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555960

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2111830-4 QC Sample: L2553957-04 Client ID: DUP Sample						
Lead, TCLP	0.0730J	0.0403J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555960
Report Date: 09/09/25

SAMPLE RESULTS

Lab ID: L2555960-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.9		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2555960

Report Date: 09/09/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2555960
Report Date: 09/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2555960-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2555960-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2555960-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2555960-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2555960
Project Number:	25030019	**Report Date:**	09/09/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555960
Project Number:	25030019	**Report Date:**	09/09/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2555960
Project Number:	25030019	**Report Date:**	09/09/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2555960
Report Date: 09/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9/5 Rev

Page 6 of 6

L2555960

~~L2552777~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
	Company:	Company:	Purchase Order # 25030117	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel				RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from: CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles	Semi Vols.	Pest/PCB's	Metals	Misc. Org.	Full Lists
8260 full list	TICs	8270 + 625	8082/PCB	RCRA8	TPH (GRO)
624	Site Spec.	STARS list	8081 Pest	PPL3 list	TPH (DRO)
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A
TAGM list	TCLP list	CT RCP list	8082/PCB	Total	Air TO15
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS
Aromatics only	502.2	NJDEP list	TCLP Herb	8082/PCB	Air VPH
Halogens only	NJDEP list	App. IX	Chlordane	Info. Metals	Air TICs
App.IX list	8082/PCB	TCLP BNA	608 Pest		McBorne
8021B list		8082/PCB	608 PCB		Hydrogen

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025~~ 1254	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025~~ 1255	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/1/2025 1257	S	Same as above	same as above
25SB-9X (28'-30')	8/1/2025 1258	S	Total PB, TCLP-PB ~~Same as above~~	same as above

01

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[illegible]	8/21/25 1500	[illegible]	8-21-25 1500	____ °
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	
SSMZ	8-21-25 1820	[illegible]	8/21/25 1820	

Sample Delivery Group Summary

Pace Job Number : L2555960

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557953
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557953
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557953-01	25SB-9X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 12:58	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557953
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557953
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557953
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557953-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 56%

Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 07:00	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557953
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557953-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.130	0.085	1	09/16/25 02:32	09/16/25 16:24	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557953
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557953
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557953
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557953

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557953
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557953-01
Client ID: 25SB-9X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 12:58
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.9		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557953

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557953
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2557953-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557953-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557953-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557953-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557953
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557953
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557953
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557953
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2557953

Page 6 of 6

~~L2552777~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order # 25030117	RUSH-Two Day
Phone: (347) 871-0750	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
Contact: Ezgi Karayel				RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from: CT__NY_x_NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles | Semi Vols. | Pest/PCB's | Metals | Misc. Org. | Full Lists

Sample Identification	Date•Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-9X (2'-4')	8/1/2025 1245	S	Total and TCLP Lead	1-8oz, 1-7oz
25SB-9X(2'-6')	8/1/2025 1246	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (6'-8')	8/1/2025 1247	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (8'-10')	8/1/2025 1248	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (10-12')	8/1/2025 1249	S	ON HOLD for Total and TCLP Lead	same as above
25SB-9X (12'-14')	8/1/2025 1250	S	TAL Metals, on HOLD for TCLP Metals	1 SAA
25SB-9X (14'-16')	8/1/2025 1251	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-9X (16'-18')	8/1/2025 1252	S	Same as above	same as above
25SB-9X (18'-20')	8/1/2025 1253	S	Same as above	same as above
~~25SB-9X (20'-22')~~	~~8/1/2025~~ 1254	~~S~~	~~Same as above~~	same as above
~~25SB-9X (22'-24')~~	~~8/1/2025~~ 1255	~~S~~	~~Same as above~~	same as above
25SB-9X (24'-26')	8/1/2025 1256	S	Same as above	same as above
25SB-9X (26'-28')	8/1/2025 1257	S	Same as above	same as above
-01 25SB-9X (28'-30')	8/1/2025 1258	S	TOTAL HG ~~Same as above~~ TCLP HG	same as above

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1500	[signature]	8-21-25 1500	____ °
[signature]	8-21-25 1820	[signature]	8/21/25 1820	
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	

Sample Delivery Group Summary

Pace Job Number : L2557953

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554952
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554952
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554952-01	25SB-10X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 13:48	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554952
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554952
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554952-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554952
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554952-01
Client ID: 25SB-10X (16'-18')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 65%

Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	3.19		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:42	EPA 3015	1,6010D	DHL

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554952
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554952-01
Client ID: 25SB-10X (16'-18')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 65%
Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	481		mg/kg	6.03	0.287	2	09/03/25 04:01	09/03/25 11:38	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554952
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110533-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:27	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/02/25 13:56

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554952
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110533-2								
Lead, TCLP	92		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554952
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-3 QC Sample: L2554498-01 Client ID: MS Sample												
Lead, TCLP	0.127J	5.3	5.03	95		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554952

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-4 QC Sample: L2554498-01 Client ID: DUP Sample						
Lead, TCLP	0.127J	0.127J	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554952
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554952
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554952-01
Client ID: 25SB-10X (16'-18')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 08/21/25 13:48
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.1		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554952

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554952
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2554952-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554952-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554952-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554952-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554952
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554952
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554952
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554952
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554952 KSL 9/2/25

Page 2 of 6

~~L2552999~~

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0760	Address:	Address:	25E3CC17	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (6-9day) X

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nerman

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/Chlord.	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	PAS Pest
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL3 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Semivolatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides/PCBs
Aromatic only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP List
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC List
8021B list		SPLP or TCLP	608 PCB		Hydrate	TAGM

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	X
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/21/2025 1345	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/21/2025 1346	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/21/2025 1347	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
-01 25SB-10X (16'-18')	8/21/2025 1348	S	~~ON HOLD for SVOCs, TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-10X (18'-20')	8/21/2025 1349	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (20'-22')~~	8/21/2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (22'-24')~~	8/21/2025 1351	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/21/2025 1352	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/21/2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (28'-30')	8/21/2025 1354	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB10X (20'-22')				
25SB10X (22'-24')				

Comments:

Preservation (check all applicable): Ice Frozen HCl MeOH HNO_3 H_2SO_4 NaOH ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500	SSmz	8.21.25 1500
SSmz	8.21.25 1830		
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time
			8/22 02:30

Temperature on Receipt ____ C

Sample Delivery Group Summary

Pace Job Number : L2554952

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554961
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554961
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554961-01	25SB-10X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 13:49	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554961
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554961
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554961-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2554961
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554961-01
Client ID: 25SB-10X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:49
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	2.66		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 10:00	EPA 3015	1,6010D	DHL

Project Name: 601-607 UNION ST
Lab Number: L2554961
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554961-01
Client ID: 25SB-10X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:49
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	143		mg/kg	5.60	0.267	2	09/03/25 04:01	09/03/25 11:42	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554961
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110533-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:27	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/02/25 13:56

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554961
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110533-2								
Lead, TCLP	92		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554961
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-3 QC Sample: L2554498-01 Client ID: MS Sample												
Lead, TCLP	0.127J	5.3	5.03	95		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554961

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-4 QC Sample: L2554498-01 Client ID: DUP Sample						
Lead, TCLP	0.127J	0.127J	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554961
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554961
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554961-01
Client ID: 25SB-10X (18'-20')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:49
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.5		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554961

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554961
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2554961-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554961-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554961-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554961-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554961
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554961
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554961
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554961
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554961 KJC 9/2/25

L2552999

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:	25 Sccl	RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT NY x NJ	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	X
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nevaeus

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.	Pest/Chlidan	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 w 625	8082/PCB	RCRA8	TPH GRO	PAS Full
624	8Hr Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganic
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Extended	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360 Volatiles
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Semi-Volatiles
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Aromatic only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halogen only	NJDEP list	App. IX	Chlordane	Asbestos	Air TICs	NYCDEP List
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest		Methane	NYSDEC List
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/21/2025 1345	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/21/2025 1346	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/21/2025 1347	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (16'-18')	8/21/2025 1348	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/21/2025 1349	S	~~ON HOLD for SVOCs, TAL and TCLP Metals~~ Total + TCLP Pb	same as above
~~25SB-10X (20'-22')~~	8/21/2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (22'-24')~~	8/21/2025 ~~1349~~ 1351	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/21/2025 1352	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/21/2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (28'-30')	8/21/2025 1354	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
(25SB10X (20'-22')				
(25SB10X (22'-24')				

Comments:

Preservation (check all applicable): Ice, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500	SSmz	8.21.25 1500
SSmz	8.21.25 1870		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			8/22 02:30

Temperature on Receipt

Sample Delivery Group Summary

Pace Job Number : L2554961

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554983
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554983
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554983-01	25SB-10X (24'-26')	SOIL	BROOKLYN, NY	08/21/25 13:52	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554983
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554983
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554983-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554983
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554983-01
Client ID: 25SB-10X (24'-26')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 80%

Date Collected: 08/21/25 13:52
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.746		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 11:12	EPA 3015	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554983
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554983-01
Client ID: 25SB-10X (24'-26')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:52
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	157		mg/kg	5.01	0.238	2	09/03/25 04:01	09/03/25 11:52	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554983
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110569-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:50	09/04/25 10:40	1,6010D	LRS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/03/25 02:20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554983
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110569-2								
Lead, TCLP	100		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554983
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-3 QC Sample: L2554971-01 Client ID: MS Sample												
Lead, TCLP	5.06	5.3	10.3	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554983

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110569-4 QC Sample: L2554971-01 Client ID: DUP Sample						
Lead, TCLP	5.06	5.01	mg/l	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554983
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554983
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554983-01
Client ID: 25SB-10X (24'-26')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:52
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554983

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554983
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2554983-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554983-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554983-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554983-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554983
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554983
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554983
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554983
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554983 KZ 9/2/25

Page 2 of 6 ~~L2552999~~

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:	Purchase Order # 25Sc019	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__NY_x_NJ__	RUSH-Four Day	NY ASP A Package
				Standard (6-9day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS X
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nemeth

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi Vols.	Pest/Chlition	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	608.3 PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec	STARS list	8081 Pest	PPL1 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL1 list	NY 310-13	Full TCLP
MTBE	Extended	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360 Comp
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorg
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Organics
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Pesticides
Halogs only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Comp
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Comp
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/1/2025 1345	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/1/2025 1346	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/1/2025 1347	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (16'-18')	8/1/2025 1348	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/1/2025 1349	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (20'-22')~~	8/1/2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (22'-24')~~	8/1/2025 ~~1349~~ 1351	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/1/2025 1352	S	~~ON HOLD for SVOCs, TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-10X (26'-28')	8/1/2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (28'-30')	8/1/2025 1354	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
(25SB10X (20-22')				
25SB10X (22-24')				

Comments:

Preservation (check all applicable): PC, Frozen, HCl, MeOH, HNO_3, H_2SO_4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	8/21/25 1500	SSmt	8.21.25 1500
SSmt	8.21.25 1870		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			8/22 02:30

Temperature on Receipt

Sample Delivery Group Summary

Pace Job Number : L2554983

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2557924
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/17/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557924
Report Date: 09/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557924-01	25SB-10X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 13:54	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2557924
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2557924
Project Number:	25030019	**Report Date:**	09/17/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/17/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557924
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557924-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 57%

Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/15/25 21:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:47	EPA 7470A	1,7470A	RDB

Project Name: 601-607 UNION ST
Lab Number: L2557924
Project Number: 25030019
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557924-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.139	0.090	1	09/16/25 02:32	09/16/25 16:11	EPA 7471B	1,7471B	JWN

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557924
Report Date: 09/17/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2115110-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/25 02:32	09/16/25 15:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2115715-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/17/25 02:54	09/17/25 06:41	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/15/25 21:13

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557924
Report Date: 09/17/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2115110-2								
Mercury, Total	99		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2115715-2								
Mercury, TCLP	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557924
Report Date: 09/17/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-3 QC Sample: L2557187-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.75	102		-	-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-3 QC Sample: L2557924-01 Client ID: 25SB-10X (28'-30')												
Mercury, TCLP	ND	0.025	0.0249	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557924

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115110-4 QC Sample: L2557187-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2115715-4 QC Sample: L2557924-01 Client ID: 25SB-10X (28'-30')						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557924
Report Date: 09/17/25

SAMPLE RESULTS

Lab ID: L2557924-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.5		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2557924

Report Date: 09/17/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2557924
Report Date: 09/17/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557924-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		HG-T(28)
L2557924-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		-
L2557924-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		HG-C(28)
L2557924-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2557924
Project Number:	25030019	**Report Date:**	09/17/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557924
Project Number:	25030019	**Report Date:**	09/17/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2557924
Project Number:	25030019	**Report Date:**	09/17/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2557924
Report Date: 09/17/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9/15/25 DJL

Serial_N

L2557924

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

~~L1552999~~

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report [X]
	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone: (347) 871-0750	Address:	Address:	25-3cc19	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com	E-mail:		Samples from CT__NY_x_NJ__	Standard (6-9day) X	NY ASP B Package [X]
					NJDEP Reduced Deliv
					Excel [X]
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS [X]
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nerem

Name (printed)

Matrix Codes
S - soil
Other - specify
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles	Semi Vols.	Metals	Misc. Org.	Full Lists
8260 full TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO
624 Site Spec	STARS list	8081 Pest	PPL3 list	TPH DRO
STARS list Nassau Co	BN Only	8151 Herb	TAL	CT ETPH
BTEX Suffolk Co	Acids Only	CT RCP	CT13 list	NY 310-13
MTBE Eubanks	PAH list	App. IX	TAGM list	TPH 1664
TCL list Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO-14A
TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15
CT RCP list 7242	TCL list	TCLP Pest	Dissolved	Air STARS
Aromatics only 5032	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH
Halocarbons only NJDEP list	App. IX	Chlordane	Soils 3 Metals	Air TICs
App IX list SPLP or TCLP	TCLP BNA	608 Pest		Methane
8021B list	SPLP or TCLP	608 PCB		Helium

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/ /2025 1345	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/ /2025 1346	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/ /2025 1347	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (16'-18')	8/ /2025 1348	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/ /2025 1349	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (20'-22')~~	8/ /2025 1350	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (22'-24')~~	8/ /2025 ~~1351~~	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/ /2025 1352	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/ /2025 1353	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
-01 25SB-10X (28'-30')	8/ /2025 1354	S	TOTAL HG ~~ON HOLD for SVOCs, TAL and TCLP Metals~~ TCLP HG	same as above
(25SB10X (20-22) (25SB10X (22-24)				

Comments:

Preservation (check all applicable): 4°C Frozen HCl MeOH HNO3 H2SO4 NaOH ZnAc Ascorbic Acid Other

Special Instructions

Field Filtered

Labs to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	8/21/25 1500	SSMZ	8.21.25 1500	
SSMZ	8.21.25 1870			
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	
			8/27 02:30	

Sample Delivery Group Summary

Pace Job Number : L2557924

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Dylan LeBlanc

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554920
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554920
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554920-01	25SB-11X (16'-18')	SOIL	BROOKLYN, NY	08/21/25 14:13	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554920
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554920
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554920-01: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

The WG2109966-3 MS recovery performed on L2554920-01 does not apply for lead (0%) because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Lab Number: L2554920
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554920-01
Client ID: 25SB-11X (16'-18')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:13
Date Received: 08/21/25
Field Prep: Not Specified
Sample Depth:
TCLP/SPLP Ext. Date: 09/03/25 02:20
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.609		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:38	EPA 3015	1,6010D	DHL

Project Name: 601-607 UNION ST
Lab Number: L2554920
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554920-01
Client ID: 25SB-11X (16'-18')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:13
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	498		mg/kg	4.98	0.237	2	09/03/25 04:01	09/03/25 10:28	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554920
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110533-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:27	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/02/25 13:56

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554920
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110533-2								
Lead, TCLP	92		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554920
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: 25SB-11X (16'-18')												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-3 QC Sample: L2554498-01 Client ID: MS Sample												
Lead, TCLP	0.127J	5.3	5.03	95		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554920

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: 25SB-11X (16'-18')						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-4 QC Sample: L2554498-01 Client ID: DUP Sample						
Lead, TCLP	0.127J	0.127J	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554920
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: 25SB-11X (16'-18')						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554920
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554920-01
Client ID: 25SB-11X (16'-18')
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 14:13
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554920

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: 25SB-11X (16'-18')						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554920
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2554920-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554920-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554920-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554920-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554920
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554920
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554920
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554920
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554920 KTC 9/2/25

YORK
York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 5

1552799

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
PO 2563009	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Company: Vektor Consultants	Name:	Name:		RUSH-Next Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Company:	Company:	Purchase Order # 2563009	RUSH-Two Day
Phone: (347) 871-0750	Address:	Address:		RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__ NY X NJ__	Standard (5-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use
OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman
Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi Vols.	Pest/PCB	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082/PCB	RCRA8	TPH GRO	Pri Poll
624	Site Spec.	STARS list	4081/Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151/Herb	TAL	CT ETPH	TAL+TCL
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310.13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL 84	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Organics
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorganics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Aromatic only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCRP Metals
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Metals
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-11X (7'-8')	8/ /2025 1410	S	Total and TCLP Lead	1 8oz, 1 7oz
25SB-11X (12'-14')	8/ /2025 1341	S	TAL Metals, on HOLD for TCLP Metals	SAA
25SB-11X (14'-16')	8/ /2025 1411	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (16'-18')	8/ /2025 1345	S	~~ON HOLD for TAL and TCLP Metals~~ Total + TCLP Pb	same as above
25SB-11X (18'-20')	8/ /2025 1409	S	ON HOLD for TAL and TCLP Metals	~~same as above~~ 1-8oz
~~25SB-11X (20'-22')~~	8/ /2025	S	ON HOLD for TAL and TCLP Metals	~~same as above~~ 1 8oz Na
~~25SB-11X (22'-24')~~	8/ /2025 1316	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (24'-26')~~	8/ /2025	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (26'-28')~~	8/ /2025	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (28'-30')~~	8/ /2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
TB (8.21)	8/21/25 1430		VOC	

Comments:

Preservation (check all applicable): FC, Frozen, HCl, MeOH, HNO3, H2SO4, NaOH, ZnAc, Ascorbic Acid, Other

Special Instructions: Field Filtered [ ] Lab to Filter [ ]

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1500	SSmz	8.21.25 1500	
SSmz	8.21.25 1820			
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
[signature]	8/21/25 2300	[signature]	8/22/25 0230	

8/22 02:30

Sample Delivery Group Summary

Pace Job Number : L2554920

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2554938
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554938
Report Date: 09/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554938-01	25SB-11X (18'-20')	SOIL	BROOKLYN, NY	08/21/25 14:14	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2554938
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2554938
Project Number:	25030019	**Report Date:**	09/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2554938-01: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/04/25

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554938
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554938-01
Client ID: 25SB-11X (18'-20')
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Percent Solids: 76%

Date Collected: 08/21/25 14:14
Date Received: 08/21/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/25 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.303	J	mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:40	EPA 3015	1,6010D	DHL

Project Name: 601-607 UNION ST
Lab Number: L2554938
Project Number: 25030019
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554938-01
Client ID: 25SB-11X (18'-20')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 14:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	76.8		mg/kg	4.99	0.238	2	09/03/25 04:01	09/03/25 11:35	EPA 3050B	1,6010D	LRS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554938
Report Date: 09/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2109966-1										
Lead, Total	ND		mg/kg	2.00	0.095	1	09/03/25 04:01	09/03/25 10:21	1,6010D	LRS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2110533-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/04/25 08:20	09/04/25 09:27	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/02/25 13:56

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554938
Report Date: 09/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2109966-2								
Lead, Total	103		-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2110533-2								
Lead, TCLP	92		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554938
Report Date: 09/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-3 QC Sample: L2554920-01 Client ID: MS Sample												
Lead, Total	498	53.5	330	**0**	Q	-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-3 QC Sample: L2554498-01 Client ID: MS Sample												
Lead, TCLP	0.127J	5.3	5.03	95		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554938

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-4 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	406	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2110533-4 QC Sample: L2554498-01 Client ID: DUP Sample						
Lead, TCLP	0.127J	0.127J	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2554938
Report Date: 09/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2109966-6 QC Sample: L2554920-01 Client ID: DUP Sample						
Lead, Total	498	499	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554938
Report Date: 09/04/25

SAMPLE RESULTS

Lab ID: L2554938-01
Client ID: 25SB-11X (18'-20')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 14:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.8		%	0.100	NA	1	-	09/03/25 06:53	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2554938

Report Date: 09/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2110008-1 QC Sample: L2554920-01 Client ID: DUP Sample						
Solids, Total	77.3	77.0	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2554938
Report Date: 09/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2554938-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		PB-TI(180)
L2554938-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TS(7)
L2554938-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2554938-01X9	Tumble Vessel	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2554938
Project Number:	25030019	**Report Date:**	09/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554938
Project Number:	25030019	**Report Date:**	09/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2554938
Project Number:	25030019	**Report Date:**	09/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2554938
Report Date: 09/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2554938 KJC 9/2/25
~~L2552995~~

Field Chain-of-Custody Record

Page 1 of 5

YORK Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
PO 250300	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Company: Vektor Consultants	Name:	Name:		RUSH-Next Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Company:	Company:	Purchase Order # 250300	RUSH-Two Day
Phone: (347) 871-0750	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
Contact: Ezgi Karayel				RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT__ NY X NJ__	Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use	
OTHER:	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Neuman
Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi. Vols.		Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 + 625	8082 PCB	RCRA8	TPH GRO	Pri Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Inorganics
BTEX	Suffolk Co.	Acids Only	CT RCP	CT13 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Organics
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Rinse	Air TO15	Part 360 Inorganics
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides
Aromatic only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herbicides
Halog. only	NJDEP list	App. IX	Chlordane	Soils 5 Metals	Air TICs	NYCRR Organics
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIFT Metals	Methane	NYSDEC Inorganics
8011 list		SPLP or TCLP	608 PCB		Hydrous	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-11X (7'-8')	8/7/2025 1410	S	Total and TCLP Lead	1 8oz, 1 2oz
25SB-11X (12'-14')	8/7/2025 1355 1411	S	TAL Metals, on HOLD for TCLP Metals	SAA
25SB-11X (14'-16')	8/7/2025 1359 1411	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (16'-18')	8/7/2025 1345 1345	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (18'-20')	8/7/2025 1349 1349	S	~~ON HOLD for TAL and TCLP Metals~~ Total + TCLP Pb	~~same as above~~ 1-8oz
~~25SB-11X (20'-22')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	~~same as above~~ 1 8oz Na
~~25SB-11X (22'-24')~~	8/7/2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (24'-26')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
~~25SB-11X (26'-28')~~	8/7/2025	S	ON HOLD for TAL and TCLP Metals	same as above
25SB-11X (28'-30')	8/7/2025 1354	S	ON HOLD for TAL and TCLP Metals	same as above
TB (8.21)	8/21/25 1430		VOC	

Comments:

Preservation (check all applicable): FC; Frozen; HCl; MeOH; HNO_3; H_2SO_4; NaOH; ZnAc; Ascorbic Acid; Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25 1500	SSmz	8.21.25 1500	
JSmz	8.21.25 1830	[signature]	8/21 19:40	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
[signature]	8/21/25 2300	[signature]	8/22/25 0230	

8/22 08:30

Sample Delivery Group Summary

Pace Job Number : L2554938

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX I

LABORATORY ANALYTICAL REPORTS FOR SVOCS DELINEATION IN SOIL

ANALYTICAL REPORT

Lab Number:	L2560676
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/26/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2560676-01	25SB-4X (29'-30')	SOIL	BROOKLYN, NY	08/21/25 11:14	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2560676
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2560676
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2560676-01: The sample was extracted with the method required holding time exceeded.

L2560676-01: The sample has elevated detection limits due to limited sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/26/25

ORGANICS

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560676-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/26/25 09:53
Analyst: JG
Percent Solids: 54%

Extraction Method: EPA 3546
Extraction Date: 09/25/25 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	970	120	1
Benzidine	ND		ug/kg	4000	1300	1
1,2,4-Trichlorobenzene	ND		ug/kg	1200	140	1
Hexachlorobenzene	ND		ug/kg	730	140	1
Bis(2-chloroethyl)ether	ND		ug/kg	1100	160	1
2-Chloronaphthalene	ND		ug/kg	1200	120	1
3,3'-Dichlorobenzidine	ND		ug/kg	1200	320	1
2,4-Dinitrotoluene	ND		ug/kg	1200	240	1
2,6-Dinitrotoluene	ND		ug/kg	1200	210	1
Azobenzene	ND		ug/kg	1200	120	1
Fluoranthene	ND		ug/kg	730	140	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1200	130	1
4-Bromophenyl phenyl ether	ND		ug/kg	1200	180	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1400	210	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1300	120	1
Hexachlorobutadiene	ND		ug/kg	1200	180	1
Hexachlorocyclopentadiene	ND		ug/kg	3500	1100	1
Hexachloroethane	ND		ug/kg	970	200	1
Isophorone	ND		ug/kg	1100	160	1
Naphthalene	ND		ug/kg	1200	150	1
Nitrobenzene	ND		ug/kg	1100	180	1
NDPA/DPA	ND		ug/kg	970	140	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1200	190	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1200	420	1
Butyl benzyl phthalate	ND		ug/kg	1200	310	1
Di-n-butylphthalate	230	J	ug/kg	1200	230	1
Di-n-octylphthalate	ND		ug/kg	1200	410	1
Diethyl phthalate	ND		ug/kg	1200	110	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560676-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	1200	260	1
Benzo(a)anthracene	ND		ug/kg	730	140	1
Benzo(a)pyrene	ND		ug/kg	970	300	1
Benzo(b)fluoranthene	ND		ug/kg	730	200	1
Benzo(k)fluoranthene	ND		ug/kg	730	190	1
Chrysene	ND		ug/kg	730	130	1
Acenaphthylene	ND		ug/kg	970	190	1
Anthracene	ND		ug/kg	730	240	1
Benzo(ghi)perylene	ND		ug/kg	970	140	1
Fluorene	ND		ug/kg	1200	120	1
Phenanthrene	ND		ug/kg	730	150	1
Dibenzo(a,h)anthracene	ND		ug/kg	730	140	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	970	170	1
Pyrene	ND		ug/kg	730	120	1
Biphenyl	ND		ug/kg	2800	160	1
4-Chloroaniline	ND		ug/kg	1200	220	1
2-Nitroaniline	ND		ug/kg	1200	230	1
3-Nitroaniline	ND		ug/kg	1200	230	1
4-Nitroaniline	ND		ug/kg	1200	500	1
Dibenzofuran	ND		ug/kg	1200	110	1
2-Methylnaphthalene	ND		ug/kg	1400	150	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1200	130	1
Acetophenone	ND		ug/kg	1200	150	1
n-Nitrosodimethylamine	ND		ug/kg	2400	230	1
2,4,6-Trichlorophenol	ND		ug/kg	730	230	1
p-Chloro-m-cresol	ND		ug/kg	1200	180	1
2-Chlorophenol	ND		ug/kg	1200	140	1
2,4-Dichlorophenol	ND		ug/kg	1100	200	1
2,4-Dimethylphenol	ND		ug/kg	1200	400	1
2-Nitrophenol	ND		ug/kg	2600	460	1
4-Nitrophenol	ND		ug/kg	1700	500	1
2,4-Dinitrophenol	ND		ug/kg	5800	560	1
4,6-Dinitro-o-cresol	ND		ug/kg	3200	580	1
Pentachlorophenol	ND		ug/kg	970	270	1
Phenol	ND		ug/kg	1200	180	1
2-Methylphenol	ND		ug/kg	1200	190	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1700	190	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560676-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1200	230	1
Benzoic Acid	ND		ug/kg	3900	1200	1
Benzyl Alcohol	ND		ug/kg	1200	370	1
Carbazole	ND		ug/kg	1200	120	1
Atrazine	ND		ug/kg	970	420	1
Benzaldehyde	ND		ug/kg	1600	330	1
Caprolactam	ND		ug/kg	1200	370	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1200	240	1
1,4-Dioxane	ND		ug/kg	180	56.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	62		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	550	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Acenaphthene	55		48		31-137	14		50
Benzidine	28		24		10-66	15		50
1,2,4-Trichlorobenzene	57		48		38-107	17		50
Hexachlorobenzene	54		42		40-140	25		50
Bis(2-chloroethyl)ether	62		54		40-140	14		50
2-Chloronaphthalene	58		49		40-140	17		50
3,3'-Dichlorobenzidine	76		65		40-140	16		50
2,4-Dinitrotoluene	72		61		40-132	17		50
2,6-Dinitrotoluene	71		60		40-140	17		50
Azobenzene	63		57		40-140	10		50
Fluoranthene	57		49		40-140	15		50
4-Chlorophenyl phenyl ether	55		45		40-140	20		50
4-Bromophenyl phenyl ether	56		44		40-140	24		50
Bis(2-chloroisopropyl)ether	88		76		40-140	15		50
Bis(2-chloroethoxy)methane	68		56		40-117	19		50
Hexachlorobutadiene	47		42		40-140	11		50
Hexachlorocyclopentadiene	63		56		40-140	12		50
Hexachloroethane	63		55		40-140	14		50
Isophorone	69		57		40-140	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Naphthalene	56		49		40-140	13		50
Nitrobenzene	78		67		40-140	15		50
NDPA/DPA	59		49		36-157	19		50
n-Nitrosodi-n-propylamine	70		60		32-121	15		50
Bis(2-ethylhexyl)phthalate	77		66		40-140	15		50
Butyl benzyl phthalate	77		67		40-140	14		50
Di-n-butylphthalate	68		60		40-140	13		50
Di-n-octylphthalate	72		63		40-140	13		50
Diethyl phthalate	62		54		40-140	14		50
Dimethyl phthalate	61		52		40-140	16		50
Benzo(a)anthracene	57		49		40-140	15		50
Benzo(a)pyrene	56		49		40-140	13		50
Benzo(b)fluoranthene	55		48		40-140	14		50
Benzo(k)fluoranthene	54		46		40-140	16		50
Chrysene	57		48		40-140	17		50
Acenaphthylene	59		52		40-140	13		50
Anthracene	58		50		40-140	15		50
Benzo(ghi)perylene	49		43		40-140	13		50
Fluorene	58		50		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Phenanthrene	57		48		40-140	17		50
Dibenzo(a,h)anthracene	52		46		40-140	12		50
Indeno(1,2,3-cd)pyrene	55		47		40-140	16		50
Pyrene	59		49		35-142	19		50
Biphenyl	56		48		37-127	15		50
4-Chloroaniline	59		55		40-140	7		50
2-Nitroaniline	83		71		47-134	16		50
3-Nitroaniline	58		52		26-129	11		50
4-Nitroaniline	70		61		41-125	14		50
Dibenzofuran	56		47		40-140	17		50
2-Methylnaphthalene	58		50		40-140	15		50
1,2,4,5-Tetrachlorobenzene	52		45		40-117	14		50
Acetophenone	63		54		14-144	15		50
n-Nitrosodimethylamine	60		54		22-100	11		50
2,4,6-Trichlorophenol	67		56		30-130	18		50
p-Chloro-m-cresol	71		60		26-103	17		50
2-Chlorophenol	64		55		25-102	15		50
2,4-Dichlorophenol	70		58		30-130	19		50
2,4-Dimethylphenol	72		59		30-130	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
2-Nitrophenol	93		79		30-130	16		50
4-Nitrophenol	83		76		11-114	9		50
2,4-Dinitrophenol	102		88		4-130	15		50
4,6-Dinitro-o-cresol	90		74		10-130	20		50
Pentachlorophenol	65		52		17-109	22		50
Phenol	64		54		26-90	17		50
2-Methylphenol	68		57		30-130	18		50
3-Methylphenol/4-Methylphenol	76		63		30-130	19		50
2,4,5-Trichlorophenol	68		56		30-130	19		50
Benzoic Acid	**116**	Q	101		10-110	14		50
Benzyl Alcohol	74		63		40-140	16		50
Carbazole	59		**51**	Q	54-128	15		50
Atrazine	63		52		40-140	19		50
Benzaldehyde	**28**	Q	**25**	Q	40-140	11		50
Caprolactam	110		92		15-130	18		50
2,3,4,6-Tetrachlorophenol	68		55		40-140	21		50
1,4-Dioxane	40		**36**	Q	40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		58		25-120
Phenol-d6	71		60		10-120
Nitrobenzene-d5	81		69		23-120
2-Fluorobiphenyl	55		47		30-120
2,4,6-Tribromophenol	67		51		10-136
4-Terphenyl-d14	56		46		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560676-01
Client ID: 25SB-4X (29'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 11:14
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.1		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2560676

Report Date: 09/26/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560676
Report Date: 09/26/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2560676-01A	Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2560676-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2560676
Project Number:	25030019	**Report Date:**	09/26/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560676
Project Number:	25030019	**Report Date:**	09/26/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560676
Project Number:	25030019	**Report Date:**	09/26/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560676
Report Date: 09/26/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2560676
9/25/25 RPM

YORK

Field Chain-of-Custody Record

Page 4 of

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name	Name		RUSH-Next Day	QA Report [X]
Phone: (347) 371-0730	Company	Company	Purchase Order #	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: ezkle-n@vektorconsultants.com	Address: AP@vektorconsultants.com	25e3e1f	RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT NY x NJ	RUSH-Four Day	NY ASP A Package
				Standard (7 Days) [X]	NY ASP B Package
					NJDEP Reduced Deliv
					Excel [X]
					NYSDEC EQuIS
					NJDEP SRP HazSite EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use
					OTHER

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-4X (6-7)	8/ /2025	S	Total and TCLP Lead	
25SB-4X (7-8)	8/ /2025	S	ON HOLD for Total and TCLP Lead	same as above
25SB-4X (9-10)	8/ /2025	S	Total and TCLP Lead	same as above
25SB-4X (13-15)	8/ /2025	S	SVOCs, TAL Metals, on HOLD for TCLP Metals	
25SB-4X (15-17)	8/ /2025	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-4X (17-19)	8/ /2025	S	Same as above	same as above
25SB-4X (19-21)	8/ /2025	S	Same as above	same as above
25SB-4X (21-23)	8/ /2025	S	Same as above	same as above
25SB-4X (23-25)	8/ /2025	S	Same as above	same as above
25SB-4X (25-27)	8/ /2025	S	Same as above	same as above
25SB-4X (27-29)	8/ /2025	S	Same as above	same as above
-01 25SB-4X (29-30)	8/ /2025	S	8270	same as above
				same as above

Comments:

Preservation (check all applicable)

Samples Relinquished By — Date/Time: 8/21/25 1500

Samples Relinquished By — Date/Time: 8/21/25 1700

Samples Received By — Date/Time: 8/21/25 1700

Samples Received at LAB by — Date/Time

Temperature on Receipt

Samples 4/12 02 30

Sample Delivery Group Summary

Pace Job Number : L2560676

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2560703
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/26/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2560703-01	25SB-6X (26'-28')	SOIL	BROOKLYN, NY	08/21/25 10:20	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2560703
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2560703
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2560703-01: The sample was extracted with the method required holding time exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/26/25

ORGANICS

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560703-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/26/25 10:11
Analyst: JG
Percent Solids: 40%

Extraction Method: EPA 3546
Extraction Date: 09/25/25 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	330	43.	1
Benzidine	ND		ug/kg	1400	450	1
1,2,4-Trichlorobenzene	ND		ug/kg	420	48.	1
Hexachlorobenzene	ND		ug/kg	250	47.	1
Bis(2-chloroethyl)ether	ND		ug/kg	380	56.	1
2-Chloronaphthalene	ND		ug/kg	420	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	420	110	1
2,4-Dinitrotoluene	ND		ug/kg	420	83.	1
2,6-Dinitrotoluene	ND		ug/kg	420	72.	1
Azobenzene	ND		ug/kg	420	40.	1
Fluoranthene	ND		ug/kg	250	48.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	420	45.	1
4-Bromophenyl phenyl ether	ND		ug/kg	420	64.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	500	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	450	42.	1
Hexachlorobutadiene	ND		ug/kg	420	61.	1
Hexachlorocyclopentadiene	ND		ug/kg	1200	380	1
Hexachloroethane	ND		ug/kg	330	67.	1
Isophorone	ND		ug/kg	380	54.	1
Naphthalene	ND		ug/kg	420	51.	1
Nitrobenzene	ND		ug/kg	380	62.	1
NDPA/DPA	ND		ug/kg	330	47.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	420	64.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	420	140	1
Butyl benzyl phthalate	ND		ug/kg	420	100	1
Di-n-butylphthalate	ND		ug/kg	420	79.	1
Di-n-octylphthalate	ND		ug/kg	420	140	1
Diethyl phthalate	ND		ug/kg	420	39.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560703-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	420	88.	1
Benzo(a)anthracene	ND		ug/kg	250	47.	1
Benzo(a)pyrene	ND		ug/kg	330	100	1
Benzo(b)fluoranthene	ND		ug/kg	250	70.	1
Benzo(k)fluoranthene	ND		ug/kg	250	67.	1
Chrysene	ND		ug/kg	250	43.	1
Acenaphthylene	ND		ug/kg	330	64.	1
Anthracene	ND		ug/kg	250	81.	1
Benzo(ghi)perylene	ND		ug/kg	330	49.	1
Fluorene	ND		ug/kg	420	40.	1
Phenanthrene	ND		ug/kg	250	51.	1
Dibenzo(a,h)anthracene	ND		ug/kg	250	48.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	330	58.	1
Pyrene	ND		ug/kg	250	41.	1
Biphenyl	ND		ug/kg	950	54.	1
4-Chloroaniline	ND		ug/kg	420	76.	1
2-Nitroaniline	ND		ug/kg	420	80.	1
3-Nitroaniline	ND		ug/kg	420	79.	1
4-Nitroaniline	ND		ug/kg	420	170	1
Dibenzofuran	ND		ug/kg	420	39.	1
2-Methylnaphthalene	ND		ug/kg	500	50.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	420	44.	1
Acetophenone	ND		ug/kg	420	52.	1
n-Nitrosodimethylamine	ND		ug/kg	830	80.	1
2,4,6-Trichlorophenol	ND		ug/kg	250	79.	1
p-Chloro-m-cresol	ND		ug/kg	420	62.	1
2-Chlorophenol	ND		ug/kg	420	49.	1
2,4-Dichlorophenol	ND		ug/kg	380	67.	1
2,4-Dimethylphenol	ND		ug/kg	420	140	1
2-Nitrophenol	ND		ug/kg	900	160	1
4-Nitrophenol	ND		ug/kg	580	170	1
2,4-Dinitrophenol	ND		ug/kg	2000	190	1
4,6-Dinitro-o-cresol	ND		ug/kg	1100	200	1
Pentachlorophenol	ND		ug/kg	330	92.	1
Phenol	ND		ug/kg	420	63.	1
2-Methylphenol	ND		ug/kg	420	65.	1
3-Methylphenol/4-Methylphenol	220	J	ug/kg	600	65.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560703-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	420	80.	1
Benzoic Acid	ND		ug/kg	1400	420	1
Benzyl Alcohol	ND		ug/kg	420	130	1
Carbazole	ND		ug/kg	420	40.	1
Atrazine	ND		ug/kg	330	140	1
Benzaldehyde	ND		ug/kg	550	110	1
Caprolactam	ND		ug/kg	420	130	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	420	84.	1
1,4-Dioxane	ND		ug/kg	62	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	41		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	51		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	550	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Acenaphthene	55		48		31-137	14		50
Benzidine	28		24		10-66	15		50
1,2,4-Trichlorobenzene	57		48		38-107	17		50
Hexachlorobenzene	54		42		40-140	25		50
Bis(2-chloroethyl)ether	62		54		40-140	14		50
2-Chloronaphthalene	58		49		40-140	17		50
3,3'-Dichlorobenzidine	76		65		40-140	16		50
2,4-Dinitrotoluene	72		61		40-132	17		50
2,6-Dinitrotoluene	71		60		40-140	17		50
Azobenzene	63		57		40-140	10		50
Fluoranthene	57		49		40-140	15		50
4-Chlorophenyl phenyl ether	55		45		40-140	20		50
4-Bromophenyl phenyl ether	56		44		40-140	24		50
Bis(2-chloroisopropyl)ether	88		76		40-140	15		50
Bis(2-chloroethoxy)methane	68		56		40-117	19		50
Hexachlorobutadiene	47		42		40-140	11		50
Hexachlorocyclopentadiene	63		56		40-140	12		50
Hexachloroethane	63		55		40-140	14		50
Isophorone	69		57		40-140	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Naphthalene	56		49		40-140	13		50
Nitrobenzene	78		67		40-140	15		50
NDPA/DPA	59		49		36-157	19		50
n-Nitrosodi-n-propylamine	70		60		32-121	15		50
Bis(2-ethylhexyl)phthalate	77		66		40-140	15		50
Butyl benzyl phthalate	77		67		40-140	14		50
Di-n-butylphthalate	68		60		40-140	13		50
Di-n-octylphthalate	72		63		40-140	13		50
Diethyl phthalate	62		54		40-140	14		50
Dimethyl phthalate	61		52		40-140	16		50
Benzo(a)anthracene	57		49		40-140	15		50
Benzo(a)pyrene	56		49		40-140	13		50
Benzo(b)fluoranthene	55		48		40-140	14		50
Benzo(k)fluoranthene	54		46		40-140	16		50
Chrysene	57		48		40-140	17		50
Acenaphthylene	59		52		40-140	13		50
Anthracene	58		50		40-140	15		50
Benzo(ghi)perylene	49		43		40-140	13		50
Fluorene	58		50		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Phenanthrene	57		48		40-140	17		50
Dibenzo(a,h)anthracene	52		46		40-140	12		50
Indeno(1,2,3-cd)pyrene	55		47		40-140	16		50
Pyrene	59		49		35-142	19		50
Biphenyl	56		48		37-127	15		50
4-Chloroaniline	59		55		40-140	7		50
2-Nitroaniline	83		71		47-134	16		50
3-Nitroaniline	58		52		26-129	11		50
4-Nitroaniline	70		61		41-125	14		50
Dibenzofuran	56		47		40-140	17		50
2-Methylnaphthalene	58		50		40-140	15		50
1,2,4,5-Tetrachlorobenzene	52		45		40-117	14		50
Acetophenone	63		54		14-144	15		50
n-Nitrosodimethylamine	60		54		22-100	11		50
2,4,6-Trichlorophenol	67		56		30-130	18		50
p-Chloro-m-cresol	71		60		26-103	17		50
2-Chlorophenol	64		55		25-102	15		50
2,4-Dichlorophenol	70		58		30-130	19		50
2,4-Dimethylphenol	72		59		30-130	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
2-Nitrophenol	93		79		30-130	16		50
4-Nitrophenol	83		76		11-114	9		50
2,4-Dinitrophenol	102		88		4-130	15		50
4,6-Dinitro-o-cresol	90		74		10-130	20		50
Pentachlorophenol	65		52		17-109	22		50
Phenol	64		54		26-90	17		50
2-Methylphenol	68		57		30-130	18		50
3-Methylphenol/4-Methylphenol	76		63		30-130	19		50
2,4,5-Trichlorophenol	68		56		30-130	19		50
Benzoic Acid	**116**	Q	101		10-110	14		50
Benzyl Alcohol	74		63		40-140	16		50
Carbazole	59		**51**	Q	54-128	15		50
Atrazine	63		52		40-140	19		50
Benzaldehyde	**28**	Q	**25**	Q	40-140	11		50
Caprolactam	110		92		15-130	18		50
2,3,4,6-Tetrachlorophenol	68		55		40-140	21		50
1,4-Dioxane	40		**36**	Q	40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		58		25-120
Phenol-d6	71		60		10-120
Nitrobenzene-d5	81		69		23-120
2-Fluorobiphenyl	55		47		30-120
2,4,6-Tribromophenol	67		51		10-136
4-Terphenyl-d14	56		46		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560703-01
Client ID: 25SB-6X (26'-28')
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 08/21/25 10:20
Date Received: 08/21/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	39.8		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2560703

Report Date: 09/26/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560703
Report Date: 09/26/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2560703-01F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2560703
Project Number:	25030019	**Report Date:**	09/26/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560703
Project Number:	25030019	**Report Date:**	09/26/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560703
Project Number:	25030019	**Report Date:**	09/26/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560703
Report Date: 09/26/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9/25/25 RPM

L2560703

Page 3 of 6

~~L2551977~~

Field Chain-of-Custody Record

YORK

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

NOTE: York's Standard Terms & Conditions are found on the back side of this document. Unless specifically agreed to in writing, York's Standard Terms & Conditions govern all services performed for this project.

York Project No. _____

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day:
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day:
Phone: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day:
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	25-5007-8	RUSH-Three Day:
E-mail: ezg@vektorconsultants.com		E-mail:	Samples from CT__ NY_x_ NJ__	RUSH-Four Day:
				Standard (8-9day): X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to Part 375 Unrestricted Use and Restricted Residential Use

OTHER

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ben Nelson

Name (printed)

Matrix Codes: S - soil; other - specify; WW - wastewater; GW - groundwater; DW - drinking water; AIR - ambient air; SOL - solvent

Volatiles | Semi Vols. | Metals | Misc. Org. | Full Lists

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-6X (6'-7')	8/ /2025 0925	S	Total and TCLP Lead	1-8oz, 1-4oz
25SB-6X (7'-8')	8/ /2025 0927	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (9'-10')	8/ /2025 0944	S	Total and TCLP Lead	same as above
25SB-6X (10'-12')	8/ /2025 0942	S	ON HOLD for Total and TCLP Lead	same as above
25SB-6X (12'-14')	8/ /2025 0958	S	VOCs, SVOCs, TAL Metals, on HOLD for TCLP Metals	1-terracore kit, 1-4oz
25SB-6X (14'-16')	8/ /2025 0958	S	ON HOLD for VOCs, SVOCs, TAL and TCLP Metals	same as above
25SB-6X (16'-18')	8/ /2025 1005	S	Same as above	same as above
25SB-6X (18'-20')	8/ /2025 1010	S	Same as above	same as above
25SB-6X (20'-22')	8/ /2025 1014	S	Same as above	same as above
25SB-6X (22'-24')	8/ /2025 1019	S	Same as above	same as above
25SB-6X (24'-26')	8/ /2025 1015	S	Same as above	same as above
-01 25SB-6X (26'-28')	8/ /2025 1030	S	8270 ~~Same as above~~	same as above
25SB-6X (28'-30')	8/ /2025 1032	S	Same as above	same as above

Comments:

Preservation (check as applicable): Special Instructions: Field Filtered / Lab to Filter

Preservation: Ice | Unpres | HCl | MeOH | NaHSO4 | H2SO4 | Ascorbic Acid | Other | NaOH

Zn Ac

15cc

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	8/21/25	[signature]	8.21.25 1500	
[signature]	8.21.25 1820	[signature]		
Samples Relinquished By	Date/Time	Samples Received at LAB by	Date/Time	
[signature]		[signature]	8/22 02:30	

Sample Delivery Group Summary

Pace Job Number : L2560703

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2560716
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	09/26/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2560716-01	25SB-10X (28'-30')	SOIL	BROOKLYN, NY	08/21/25 13:54	08/21/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2560716
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2560716
Project Number:	25030019	**Report Date:**	09/26/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2560716-01: The sample was extracted with the method required holding time exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 09/26/25

ORGANICS

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560716-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/26/25 10:28
Analyst: JG
Percent Solids: 57%

Extraction Method: EPA 3546
Extraction Date: 09/25/25 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	230	30.	1
Benzidine	ND		ug/kg	950	310	1
1,2,4-Trichlorobenzene	ND		ug/kg	290	33.	1
Hexachlorobenzene	ND		ug/kg	170	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	260	39.	1
2-Chloronaphthalene	ND		ug/kg	290	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	290	77.	1
2,4-Dinitrotoluene	ND		ug/kg	290	58.	1
2,6-Dinitrotoluene	ND		ug/kg	290	50.	1
Azobenzene	ND		ug/kg	290	28.	1
Fluoranthene	64	J	ug/kg	170	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	290	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	290	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	350	49.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	310	29.	1
Hexachlorobutadiene	ND		ug/kg	290	42.	1
Hexachlorocyclopentadiene	ND		ug/kg	830	260	1
Hexachloroethane	ND		ug/kg	230	47.	1
Isophorone	ND		ug/kg	260	38.	1
Naphthalene	ND		ug/kg	290	35.	1
Nitrobenzene	ND		ug/kg	260	43.	1
NDPA/DPA	ND		ug/kg	230	33.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	290	45.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	290	100	1
Butyl benzyl phthalate	ND		ug/kg	290	73.	1
Di-n-butylphthalate	ND		ug/kg	290	55.	1
Di-n-octylphthalate	ND		ug/kg	290	98.	1
Diethyl phthalate	ND		ug/kg	290	27.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560716-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	290	61.	1
Benzo(a)anthracene	33	J	ug/kg	170	32.	1
Benzo(a)pyrene	ND		ug/kg	230	70.	1
Benzo(b)fluoranthene	ND		ug/kg	170	49.	1
Benzo(k)fluoranthene	ND		ug/kg	170	46.	1
Chrysene	ND		ug/kg	170	30.	1
Acenaphthylene	ND		ug/kg	230	45.	1
Anthracene	ND		ug/kg	170	56.	1
Benzo(ghi)perylene	ND		ug/kg	230	34.	1
Fluorene	ND		ug/kg	290	28.	1
Phenanthrene	39	J	ug/kg	170	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	170	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	230	40.	1
Pyrene	50	J	ug/kg	170	29.	1
Biphenyl	ND		ug/kg	660	38.	1
4-Chloroaniline	ND		ug/kg	290	53.	1
2-Nitroaniline	ND		ug/kg	290	56.	1
3-Nitroaniline	ND		ug/kg	290	54.	1
4-Nitroaniline	ND		ug/kg	290	120	1
Dibenzofuran	ND		ug/kg	290	27.	1
2-Methylnaphthalene	ND		ug/kg	350	35.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	290	30.	1
Acetophenone	ND		ug/kg	290	36.	1
n-Nitrosodimethylamine	ND		ug/kg	580	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	170	55.	1
p-Chloro-m-cresol	ND		ug/kg	290	43.	1
2-Chlorophenol	ND		ug/kg	290	34.	1
2,4-Dichlorophenol	ND		ug/kg	260	46.	1
2,4-Dimethylphenol	ND		ug/kg	290	95.	1
2-Nitrophenol	ND		ug/kg	620	110	1
4-Nitrophenol	ND		ug/kg	400	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	750	140	1
Pentachlorophenol	ND		ug/kg	230	64.	1
Phenol	ND		ug/kg	290	44.	1
2-Methylphenol	ND		ug/kg	290	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	420	45.	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560716-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY
Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	290	55.	1
Benzoic Acid	ND		ug/kg	940	290	1
Benzyl Alcohol	ND		ug/kg	290	88.	1
Carbazole	ND		ug/kg	290	28.	1
Atrazine	ND		ug/kg	230	100	1
Benzaldehyde	ND		ug/kg	380	78.	1
Caprolactam	ND		ug/kg	290	88.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	290	58.	1
1,4-Dioxane	ND		ug/kg	43	13.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	60		18-120

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	550	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/25/25 22:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/25/25 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2119575-1					
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Acenaphthene	55		48		31-137	14		50
Benzidine	28		24		10-66	15		50
1,2,4-Trichlorobenzene	57		48		38-107	17		50
Hexachlorobenzene	54		42		40-140	25		50
Bis(2-chloroethyl)ether	62		54		40-140	14		50
2-Chloronaphthalene	58		49		40-140	17		50
3,3'-Dichlorobenzidine	76		65		40-140	16		50
2,4-Dinitrotoluene	72		61		40-132	17		50
2,6-Dinitrotoluene	71		60		40-140	17		50
Azobenzene	63		57		40-140	10		50
Fluoranthene	57		49		40-140	15		50
4-Chlorophenyl phenyl ether	55		45		40-140	20		50
4-Bromophenyl phenyl ether	56		44		40-140	24		50
Bis(2-chloroisopropyl)ether	88		76		40-140	15		50
Bis(2-chloroethoxy)methane	68		56		40-117	19		50
Hexachlorobutadiene	47		42		40-140	11		50
Hexachlorocyclopentadiene	63		56		40-140	12		50
Hexachloroethane	63		55		40-140	14		50
Isophorone	69		57		40-140	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Naphthalene	56		49		40-140	13		50
Nitrobenzene	78		67		40-140	15		50
NDPA/DPA	59		49		36-157	19		50
n-Nitrosodi-n-propylamine	70		60		32-121	15		50
Bis(2-ethylhexyl)phthalate	77		66		40-140	15		50
Butyl benzyl phthalate	77		67		40-140	14		50
Di-n-butylphthalate	68		60		40-140	13		50
Di-n-octylphthalate	72		63		40-140	13		50
Diethyl phthalate	62		54		40-140	14		50
Dimethyl phthalate	61		52		40-140	16		50
Benzo(a)anthracene	57		49		40-140	15		50
Benzo(a)pyrene	56		49		40-140	13		50
Benzo(b)fluoranthene	55		48		40-140	14		50
Benzo(k)fluoranthene	54		46		40-140	16		50
Chrysene	57		48		40-140	17		50
Acenaphthylene	59		52		40-140	13		50
Anthracene	58		50		40-140	15		50
Benzo(ghi)perylene	49		43		40-140	13		50
Fluorene	58		50		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
Phenanthrene	57		48		40-140	17		50
Dibenzo(a,h)anthracene	52		46		40-140	12		50
Indeno(1,2,3-cd)pyrene	55		47		40-140	16		50
Pyrene	59		49		35-142	19		50
Biphenyl	56		48		37-127	15		50
4-Chloroaniline	59		55		40-140	7		50
2-Nitroaniline	83		71		47-134	16		50
3-Nitroaniline	58		52		26-129	11		50
4-Nitroaniline	70		61		41-125	14		50
Dibenzofuran	56		47		40-140	17		50
2-Methylnaphthalene	58		50		40-140	15		50
1,2,4,5-Tetrachlorobenzene	52		45		40-117	14		50
Acetophenone	63		54		14-144	15		50
n-Nitrosodimethylamine	60		54		22-100	11		50
2,4,6-Trichlorophenol	67		56		30-130	18		50
p-Chloro-m-cresol	71		60		26-103	17		50
2-Chlorophenol	64		55		25-102	15		50
2,4-Dichlorophenol	70		58		30-130	19		50
2,4-Dimethylphenol	72		59		30-130	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3								
2-Nitrophenol	93		79		30-130	16		50
4-Nitrophenol	83		76		11-114	9		50
2,4-Dinitrophenol	102		88		4-130	15		50
4,6-Dinitro-o-cresol	90		74		10-130	20		50
Pentachlorophenol	65		52		17-109	22		50
Phenol	64		54		26-90	17		50
2-Methylphenol	68		57		30-130	18		50
3-Methylphenol/4-Methylphenol	76		63		30-130	19		50
2,4,5-Trichlorophenol	68		56		30-130	19		50
Benzoic Acid	**116**	Q	101		10-110	14		50
Benzyl Alcohol	74		63		40-140	16		50
Carbazole	59		**51**	Q	54-128	15		50
Atrazine	63		52		40-140	19		50
Benzaldehyde	**28**	Q	**25**	Q	40-140	11		50
Caprolactam	110		92		15-130	18		50
2,3,4,6-Tetrachlorophenol	68		55		40-140	21		50
1,4-Dioxane	40		**36**	Q	40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2119575-2 WG2119575-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		58		25-120
Phenol-d6	71		60		10-120
Nitrobenzene-d5	81		69		23-120
2-Fluorobiphenyl	55		47		30-120
2,4,6-Tribromophenol	67		51		10-136
4-Terphenyl-d14	56		46		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

SAMPLE RESULTS

Lab ID: L2560716-01
Client ID: 25SB-10X (28'-30')
Sample Location: BROOKLYN, NY

Date Collected: 08/21/25 13:54
Date Received: 08/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.5		%	0.100	NA	1	-	09/06/25 04:22	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2560716

Report Date: 09/26/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2111394-1 QC Sample: L2555331-02 Client ID: DUP Sample						
Solids, Total	93.1	93.4	%	0		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2560716
Report Date: 09/26/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2560716-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2560716
Project Number:	25030019	**Report Date:**	09/26/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560716
Project Number:	25030019	**Report Date:**	09/26/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2560716
Project Number:	25030019	**Report Date:**	09/26/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2560716
Report Date: 09/26/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

9/25/25 RPM

L2560716

Page 2 of 6

Field Chain-of-Custody Record

YORK

York Project No.

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	601 Union Street, Brooklyn NY	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com	25 3C019	RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail:	Samples from CT NY & NJ	RUSH-Four Day
				Standard (6-9day) X

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	X
GIS/KEY (and)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Ba Nguyen

Name (printed)

Volatiles | Semi Vols | Metals | Misc Org | Full Lists

Matrix Codes: S - soil; other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air - ambient air; SW - surface water

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-10X (7'-8')	8/ /2025 12:45	S	Total and TCLP Lead	
25SB-10X (12'-14')	8/ /2025 13:46	S	SVOCs, TAL Metals on HOLD for TCLP Metals	
25SB-10X (14'-16')	8/ /2025 13:47	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (16'-18')	8/ /2025 13:48	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (18'-20')	8/ /2025 13:49	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
~~25SB-10X (20'-22')~~	8/ /2025 13:50	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (22'-24')	8/ /2025 13:51	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (24'-26')	8/ /2025 13:52	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
25SB-10X (26'-28')	8/ /2025 13:53	S	ON HOLD for SVOCs, TAL and TCLP Metals	same as above
-01 25SB-10X (28'-30')	8/ /2025 13:54	S	8270 ~~ON HOLD for SVOCs, TAL and TCLP Metals~~ TCLP-PB	same as above
(25SB-10X (20'-22')				
(25SB-10X (22'-24')				

Comments:

Preservation (check all applicable): Zn Ac, Ascorbic Acid, NaOH, HNO3, H2SO4, HCl, Other

Special Instructions:

Samples Relinquished By: Date/Time: 8/21/25 1500

Samples Received By: Date/Time: 8.21.25 1500

Samples Relinquished By: Date/Time: 8.21.25 1830

Samples Received at AB By: Date/Time: 8/22 02:30

Temperature on Receipt:

Sample Delivery Group Summary

Pace Job Number : L2560716

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 21-AUG-2025
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.0	
C	Absent/	Ice	3.2	
D	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX J

LABORATORY ANALYTICAL REPORTS FOR GROUNDWATER SAMPLES

ANALYTICAL REPORT

Lab Number:	L2543949
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	08/22/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2543949-01	25MW-1	WATER	BROOKLYN, NY	07/14/25 11:57	07/14/25
L2543949-02	25MW-2	WATER	BROOKLYN, NY	07/14/25 15:20	07/14/25
L2543949-03	25MW-5	WATER	BROOKLYN, NY	07/14/25 09:25	07/14/25
L2543949-04	25FB-1	WATER	BROOKLYN, NY	07/14/25 13:50	07/14/25
L2543949-05	TRIP BLANK	WATER	BROOKLYN, NY	07/14/25 00:00	07/14/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2543949
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2543949
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative (continued)

Report Revision

August 22, 2025: At the client's request, the Client IDs were changed on L2543949-01, -02, and -03.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2543949-01, -02, and -03: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2543949-03: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2543949-01, -02, -03, WG2092151-1, WG2092151-3, and WG2092151-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

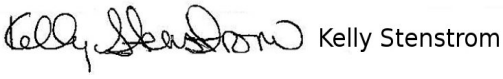
Total Metals

The WG2093714-3 MS recovery performed on L2543949-01 is outside the acceptance criteria for potassium (154%). A post digestion spike was performed and was within acceptance criteria.

The WG2093714-3/-4 MS/MSD recoveries performed on L2543949-01 do not apply for calcium (70%%/), iron (MS at 160%), magnesium (263%/270%), and sodium (280%/270%) because the sample concentrations are greater than four times the spike amounts added.

The WG2093714-6 serial dilution analysis associated with L2543949-01 had a %D above the acceptance criteria for magnesium (27%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 08/22/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/25 12:20
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	111		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/25 12:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.82	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	110		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/25 13:11
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.20	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	111		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/25 13:37
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	113		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-05
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 00:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/25 14:03
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-05
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 00:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	115		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/25 10:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095025-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/25 10:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095025-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/25 10:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095025-5					
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095025-3 WG2095025-4								
Methylene chloride	110		130		70-130	17		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		93		63-132	7		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	99		90		70-130	10		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	97		100		70-130	3		20
Bromoform	91		94		54-136	3		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	100		110		70-130	10		20
Toluene	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095025-3 WG2095025-4								
Ethylbenzene	110		100		70-130	10		20
Chloromethane	90		93		64-130	3		20
Bromomethane	110		110		39-139	0		20
Vinyl chloride	120		110		55-140	9		20
Chloroethane	**150**	Q	**150**	Q	55-138	0		20
1,1-Dichloroethene	130		120		61-145	8		20
trans-1,2-Dichloroethene	100		120		70-130	18		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	91		94		70-130	3		20
1,3-Dichlorobenzene	93		95		70-130	2		20
1,4-Dichlorobenzene	91		94		70-130	3		20
Methyl tert butyl ether	96		120		63-130	**22**	Q	20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	100		91		36-147	9		20
Acetone	92		120		58-148	**26**	Q	20
Carbon disulfide	**150**	Q	**140**	Q	51-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095025-3 WG2095025-4								
2-Butanone	92		83		63-138	10		20
4-Methyl-2-pentanone	79		85		59-130	7		20
2-Hexanone	80		80		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	99		100		70-130	1		20
1,2-Dibromo-3-chloropropane	86		92		41-144	7		20
Isopropylbenzene	94		92		70-130	2		20
1,2,3-Trichlorobenzene	90		92		70-130	2		20
1,2,4-Trichlorobenzene	90		90		70-130	0		20
Methyl Acetate	88		110		70-130	**22**	Q	20
Cyclohexane	91		78		70-130	15		20
1,4-Dioxane	80		86		56-162	7		20
Freon-113	120		100		70-130	18		20
Methyl cyclohexane	84		70		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095025-3 WG2095025-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		117		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	104		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2095025-6 WG2095025-7 QC Sample: L2543949-01 Client ID: 25MW-1												
Methylene chloride	ND	10	14	**140**	Q	12	120		70-130	15		20
1,1-Dichloroethane	ND	10	13	130		12	120		70-130	8		20
Chloroform	ND	10	12	120		12	120		70-130	0		20
Carbon tetrachloride	ND	10	12	120		12	120		63-132	0		20
1,2-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
Dibromochloromethane	ND	10	12	120		12	120		63-130	0		20
1,1,2-Trichloroethane	ND	10	13	130		13	130		70-130	0		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	11	110		11	110		75-130	0		20
Trichlorofluoromethane	ND	10	15	150		14	140		62-150	7		20
1,2-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	12	120		12	120		67-130	0		20
trans-1,3-Dichloropropene	ND	10	12	120		12	120		70-130	0		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
Bromoform	ND	10	11	110		12	120		54-136	9		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		12	120		67-130	0		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	12	120		12	120		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2095025-6 WG2095025-7 QC Sample: L2543949-01 Client ID: 25MW-1												
Ethylbenzene	ND	10	12	120		12	120		70-130	0		20
Chloromethane	ND	10	9.7	97		10	100		64-130	3		20
Bromomethane	ND	10	6.9	69		7.6	76		39-139	10		20
Vinyl chloride	ND	10	13	130		15	**150**	Q	55-140	14		20
Chloroethane	ND	10	16	**160**	Q	16	**160**	Q	55-138	0		20
1,1-Dichloroethene	ND	10	15	**150**	Q	16	**160**	Q	61-145	6		20
trans-1,2-Dichloroethene	ND	10	13	130		11	110		70-130	17		20
Trichloroethene	ND	10	11	110		11	110		70-130	0		20
1,2-Dichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
1,3-Dichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
1,4-Dichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
Methyl tert butyl ether	ND	10	14	**140**	Q	12	120		63-130	15		20
p/m-Xylene	ND	20	23	115		23	115		70-130	0		20
o-Xylene	ND	20	23	115		23	115		70-130	0		20
cis-1,2-Dichloroethene	ND	10	11	110		11	110		70-130	0		20
Styrene	ND	20	24	120		23	115		70-130	4		20
Dichlorodifluoromethane	ND	10	12	120		12	120		36-147	0		20
Acetone	3.0J	10	19	**190**	Q	15	**150**	Q	58-148	**24**	Q	20
Carbon disulfide	ND	10	17	**170**	Q	18	**180**	Q	51-130	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2095025-6 WG2095025-7 QC Sample: L2543949-01 Client ID: 25MW-1												
2-Butanone	ND	10	12	120		10	100		63-138	18		20
4-Methyl-2-pentanone	ND	10	11	110		11	110		59-130	0		20
2-Hexanone	ND	10	10	100		11	110		57-130	10		20
Bromochloromethane	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromoethane	ND	10	12	120		12	120		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	11	110		12	120		41-144	9		20
Isopropylbenzene	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,2,4-Trichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
Methyl Acetate	ND	10	13	130		11	110		70-130	17		20
Cyclohexane	ND	10	11	110		10	100		70-130	10		20
1,4-Dioxane	ND	500	570	114		640	128		56-162	12		20
Freon-113	ND	10	14	**140**	Q	14	**140**	Q	70-130	0		20
Methyl cyclohexane	ND	10	10	100		9.9J	99		70-130	1		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		125		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	105		105		70-130
Toluene-d8	105		105		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/18/25 17:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	75		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 18:54
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.22	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	91		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/25 15:04
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	53		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/18/25 23:46
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.45		ng/l	5.00	1.02	1
Perfluoropentanoic Acid (PFPeA)	12.4		ng/l	5.00	0.990	1
Perfluorobutanesulfonic Acid (PFBS)	2.18	J	ng/l	5.00	0.595	1
Perfluorohexanoic Acid (PFHxA)	10.7		ng/l	5.00	0.820	1
Perfluoroheptanoic Acid (PFHpA)	8.29		ng/l	5.00	0.563	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	5.00	0.940	1
Perfluorooctanoic Acid (PFOA)	32.0		ng/l	5.00	0.590	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.81	J	ng/l	5.00	3.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	5.00	1.72	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	5.00	0.780	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	5.00	1.26	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	5.00	0.760	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.00	3.03	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	5.00	1.62	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	5.00	0.650	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	5.00	2.45	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	5.00	1.45	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	5.00	2.01	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	5.00	0.930	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	5.00	0.818	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	5.00	0.620	1
PFOA/PFOS, Total	32.0		ng/l	5.00	0.590	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**134**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**148**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/18/25 18:51
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	73		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 19:11
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.11		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.11		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.05	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.19	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	83		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/25 16:06
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	381.		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	60		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 00:36
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.3		ng/l	5.00	1.02	1
Perfluoropentanoic Acid (PFPeA)	22.6		ng/l	5.00	0.990	1
Perfluorobutanesulfonic Acid (PFBS)	7.42		ng/l	5.00	0.595	1
Perfluorohexanoic Acid (PFHxA)	18.5		ng/l	5.00	0.820	1
Perfluoroheptanoic Acid (PFHpA)	16.8		ng/l	5.00	0.563	1
Perfluorohexanesulfonic Acid (PFHxS)	7.59		ng/l	5.00	0.940	1
Perfluorooctanoic Acid (PFOA)	107		ng/l	5.00	0.590	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.94	J	ng/l	5.00	3.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	5.00	1.72	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	5.00	0.780	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	5.00	1.26	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	5.00	0.760	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.00	3.03	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	5.00	1.62	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	5.00	0.650	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	5.00	2.45	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	5.00	1.45	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	5.00	2.01	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	5.00	0.930	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	5.00	0.818	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	5.00	0.620	1
PFOA/PFOS, Total	107		ng/l	5.00	0.590	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**140**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	124		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	110		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	104		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	94		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/18/25 19:16
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	82		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 19:28
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.42		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.35		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.23		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.25		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.32		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.10	J	ug/l	0.10	0.03	1
Chrysene	0.19		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.18		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.19		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.02	1
Pyrene	0.38		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.18	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	94		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/25 16:26
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 00:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	39.2		ng/l	3.33	0.680	1
Perfluoropentanoic Acid (PFPeA)	155		ng/l	3.33	0.660	1
Perfluorobutanesulfonic Acid (PFBS)	5.05		ng/l	3.33	0.397	1
Perfluorohexanoic Acid (PFHxA)	96.0		ng/l	3.33	0.547	1
Perfluoroheptanoic Acid (PFHpA)	8.96		ng/l	3.33	0.375	1
Perfluorohexanesulfonic Acid (PFHxS)	1.67	JF	ng/l	3.33	0.627	1
Perfluorooctanoic Acid (PFOA)	23.6		ng/l	3.33	0.393	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.82	J	ng/l	3.33	2.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	3.33	1.15	1
Perfluorononanoic Acid (PFNA)	2.10	J	ng/l	3.33	0.520	1
Perfluorooctanesulfonic Acid (PFOS)	29.2		ng/l	3.33	0.840	1
Perfluorodecanoic Acid (PFDA)	0.920	J	ng/l	3.33	0.507	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	3.33	2.02	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	3.33	1.08	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	3.33	0.433	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	3.33	1.63	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	3.33	0.967	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	3.33	1.34	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	3.33	0.620	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	3.33	0.545	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	3.33	0.413	1
PFOA/PFOS, Total	52.8		ng/l	3.33	0.393	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	127		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**166**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	69		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	61		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/18/25 19:41
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	74		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 19:45
Analyst: RP

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	86		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/25 16:47
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 01:09
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.73	0.353	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.73	0.342	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.73	0.206	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.73	0.284	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.73	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.73	0.325	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.73	0.204	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.20	J	ng/l	1.73	1.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.73	0.595	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.73	0.270	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.73	0.436	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.73	0.263	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.73	0.561	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.73	0.225	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.848	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.502	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.73	0.696	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.322	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.283	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.73	0.214	1
PFOA/PFOS, Total	ND		ng/l	1.73	0.204	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	130		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	94		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2091134-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2091134-1					
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2091134-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	60		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 17:29
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG2091137-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.18	J	ug/l	0.80	0.06
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 17:29
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG2091137-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	64		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/25 14:02
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 10:50

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-04 Batch: WG2091265-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	66		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/18/25 23:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG2092151-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.86	J	ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/18/25 23:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG2092151-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	131		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**143**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	110		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	121		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	97		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/25 10:42
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG2092151-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	86		10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2091134-2 WG2091134-3								
Bis(2-chloroethyl)ether	91		80		40-140	13		30
3,3'-Dichlorobenzidine	80		64		40-140	22		30
2,4-Dinitrotoluene	117		102		48-143	14		30
2,6-Dinitrotoluene	117		112		40-140	4		30
4-Chlorophenyl phenyl ether	88		79		40-140	11		30
4-Bromophenyl phenyl ether	99		84		40-140	16		30
Bis(2-chloroisopropyl)ether	78		73		40-140	7		30
Bis(2-chloroethoxy)methane	98		87		40-140	12		30
Hexachlorocyclopentadiene	54		59		40-140	9		30
Isophorone	100		93		40-140	7		30
Nitrobenzene	91		90		40-140	1		30
NDPA/DPA	96		80		40-140	18		30
n-Nitrosodi-n-propylamine	92		89		29-132	3		30
Bis(2-ethylhexyl)phthalate	136		118		40-140	14		30
Butyl benzyl phthalate	140		119		40-140	16		30
Di-n-butylphthalate	121		104		40-140	15		30
Di-n-octylphthalate	**149**	Q	125		40-140	18		30
Diethyl phthalate	110		95		40-140	15		30
Dimethyl phthalate	99		93		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2091134-2 WG2091134-3								
Biphenyl	82		77		40-140	6		30
4-Chloroaniline	77		75		40-140	3		30
2-Nitroaniline	122		107		52-143	13		30
3-Nitroaniline	107		90		25-145	17		30
4-Nitroaniline	111		97		51-143	13		30
Dibenzofuran	88		77		40-140	13		30
1,2,4,5-Tetrachlorobenzene	77		77		2-134	0		30
Acetophenone	105		97		39-129	8		30
2,4,6-Trichlorophenol	116		100		30-130	15		30
p-Chloro-m-cresol	**125**	Q	**113**	Q	23-97	10		30
2-Chlorophenol	84		80		27-123	5		30
2,4-Dichlorophenol	98		98		30-130	0		30
2,4-Dimethylphenol	71		76		30-130	7		30
2-Nitrophenol	105		101		30-130	4		30
4-Nitrophenol	**123**	Q	**98**	Q	10-80	23		30
2,4-Dinitrophenol	104		87		20-130	18		30
4,6-Dinitro-o-cresol	124		100		20-164	21		30
Phenol	57		46		12-110	21		30
2-Methylphenol	86		80		30-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2091134-2 WG2091134-3								
3-Methylphenol/4-Methylphenol	84		80		30-130	5		30
2,4,5-Trichlorophenol	119		117		30-130	2		30
Carbazole	99		85		55-144	15		30
Atrazine	122		106		40-140	14		30
Benzaldehyde	101		82		40-140	21		30
Caprolactam	59		55		10-130	7		30
2,3,4,6-Tetrachlorophenol	118		102		40-140	15		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		57		21-120
Phenol-d6	49		46		10-120
Nitrobenzene-d5	96		85		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	108		94		10-120
4-Terphenyl-d14	90		77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG2091137-2 WG2091137-3								
Acenaphthene	75		74		40-140	1		40
2-Chloronaphthalene	70		71		40-140	1		40
Fluoranthene	77		73		40-140	5		40
Hexachlorobutadiene	52		52		40-140	0		40
Naphthalene	64		63		40-140	2		40
Benzo(a)anthracene	90		85		40-140	6		40
Benzo(a)pyrene	98		91		40-140	7		40
Benzo(b)fluoranthene	105		97		40-140	8		40
Benzo(k)fluoranthene	87		81		40-140	7		40
Chrysene	85		80		40-140	6		40
Acenaphthylene	75		74		40-140	1		40
Anthracene	81		75		40-140	8		40
Benzo(ghi)perylene	110		105		40-140	5		40
Fluorene	79		77		40-140	3		40
Phenanthrene	79		75		40-140	5		40
Dibenzo(a,h)anthracene	106		101		40-140	5		40
Indeno(1,2,3-cd)pyrene	112		105		40-140	6		40
Pyrene	75		72		40-140	4		40
2-Methylnaphthalene	65		65		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG2091137-2 WG2091137-3								
Pentachlorophenol	112		105		40-140	6		40
Hexachlorobenzene	78		72		40-140	8		40
Hexachloroethane	50		49		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		54		21-120
Phenol-d6	41		40		10-120
Nitrobenzene-d5	67		64		23-120
2-Fluorobiphenyl	69		69		15-120
2,4,6-Tribromophenol	87		84		10-120
4-Terphenyl-d14	76		73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-04		Batch: WG2091265-2		WG2091265-3			
1,4-Dioxane	116		111		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	62		50		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG2092151-2								
Perfluorobutanoic Acid (PFBA)	102		-		67-148	-		
Perfluoropentanoic Acid (PFPeA)	104		-		63-161	-		
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-157	-		
Perfluorohexanoic Acid (PFHxA)	103		-		69-168	-		
Perfluoroheptanoic Acid (PFHpA)	104		-		58-159	-		
Perfluorohexanesulfonic Acid (PFHxS)	107		-		69-177	-		
Perfluorooctanoic Acid (PFOA)	110		-		63-159	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		49-187	-		
Perfluoroheptanesulfonic Acid (PFHpS)	162		-		61-179	-		
Perfluorononanoic Acid (PFNA)	120		-		68-171	-		
Perfluorooctanesulfonic Acid (PFOS)	109		-		52-151	-		
Perfluorodecanoic Acid (PFDA)	103		-		63-171	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		56-173	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		60-166	-		
Perfluoroundecanoic Acid (PFUnA)	91		-		60-153	-		
Perfluorodecanesulfonic Acid (PFDS)	131		-		38-156	-		
Perfluorooctanesulfonamide (FOSA)	111		-		46-170	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	123		-		45-170	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG2092151-2								
Perfluorododecanoic Acid (PFDoA)	108		-		67-153	-		
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		
Perfluorotetradecanoic Acid (PFTA)	111		-		59-182	-		

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	129				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**139**	Q			71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	93				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG2092151-2								
Perfluorooctanesulfonamide (FOSA)	107		-		46-170	-		

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80				10-112

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091134-4 WG2091134-5 QC Sample: L2543949-01 Client ID: 25MW-1												
Bis(2-chloroethyl)ether	ND	20	15	75		13	65		40-140	14		30
3,3'-Dichlorobenzidine	ND	20	7.7	**39**	Q	5.1	**26**	Q	40-140	**41**	Q	30
2,4-Dinitrotoluene	ND	20	17	85		17	85		48-143	0		30
2,6-Dinitrotoluene	ND	20	18	90		17	85		40-140	6		30
4-Chlorophenyl phenyl ether	ND	20	16	80		15	75		40-140	6		30
4-Bromophenyl phenyl ether	ND	20	19	95		20	100		40-140	5		30
Bis(2-chloroisopropyl)ether	ND	20	13	65		12	60		40-140	8		30
Bis(2-chloroethoxy)methane	ND	20	14	70		14	70		40-140	0		30
Hexachlorocyclopentadiene	ND	20	13.J	65		11.J	55		40-140	17		30
Isophorone	ND	20	14	70		13	65		40-140	7		30
Nitrobenzene	ND	20	15	75		14	70		40-140	7		30
NDPA/DPA	ND	20	16	80		15	75		40-140	6		30
n-Nitrosodi-n-propylamine	ND	20	14	70		14	70		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	20	100		20	100		40-140	0		30
Butyl benzyl phthalate	ND	20	23	120		24	120		40-140	4		30
Di-n-butylphthalate	ND	20	18	90		18	90		40-140	0		30
Di-n-octylphthalate	ND	20	24	120		25	130		40-140	4		30
Diethyl phthalate	ND	20	16	80		16	80		40-140	0		30
Dimethyl phthalate	ND	20	16	80		19	95		40-140	17		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091134-4 WG2091134-5 QC Sample: L2543949-01 Client ID: 25MW-1												
Biphenyl	ND	20	15	75		14	70		40-140	7		30
4-Chloroaniline	ND	20	11	55		9.1	46		40-140	19		30
2-Nitroaniline	ND	20	15	75		15	75		52-143	0		30
3-Nitroaniline	ND	20	15	75		14	70		25-145	7		30
4-Nitroaniline	ND	20	19	95		18	90		51-143	5		30
Dibenzofuran	ND	20	14	70		15	75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	14	70		13	65		2-134	7		30
Acetophenone	ND	20	14	70		13	65		39-129	7		30
2,4,6-Trichlorophenol	ND	20	17	85		16	80		30-130	6		30
p-Chloro-m-cresol	ND	20	17	85		15	75		23-97	13		30
2-Chlorophenol	ND	20	15	75		15	75		27-123	0		30
2,4-Dichlorophenol	ND	20	16	80		14	70		30-130	13		30
2,4-Dimethylphenol	ND	20	10	50		7.5	38		30-130	29		30
2-Nitrophenol	ND	20	20	100		18	90		30-130	11		30
4-Nitrophenol	ND	20	9.4J	47		10	50		10-80	6		30
2,4-Dinitrophenol	ND	20	28	**140**	Q	28	**140**	Q	20-130	0		30
4,6-Dinitro-o-cresol	ND	20	27	140		28	140		20-164	4		30
Phenol	ND	20	8.2	41		8.3	42		12-110	1		30
2-Methylphenol	ND	20	13	65		12	60		30-130	8		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091134-4 WG2091134-5 QC Sample: L2543949-01 Client ID: 25MW-1												
3-Methylphenol/4-Methylphenol	ND	20	16	80		15	75		30-130	6		30
2,4,5-Trichlorophenol	ND	20	17	85		17	85		30-130	0		30
Carbazole	ND	20	16	80		15	75		55-144	6		30
Atrazine	ND	20	21	110		22	110		40-140	5		30
Benzaldehyde	ND	20	19	95		18	90		40-140	5		30
Caprolactam	ND	20	10	50		11	55		10-130	10		30
2,3,4,6-Tetrachlorophenol	ND	20	16	80		16	80		40-140	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	86		87		10-120
2-Fluorobiphenyl	67		64		15-120
2-Fluorophenol	50		50		21-120
4-Terphenyl-d14	74		73		41-149
Nitrobenzene-d5	72		71		23-120
Phenol-d6	35		37		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091137-4 WG2091137-5 QC Sample: L2543949-01 Client ID: 25MW-1												
Acenaphthene	ND	20	17	85		17	85		40-140	0		40
2-Chloronaphthalene	ND	20	16	80		16	80		40-140	0		40
Fluoranthene	0.03J	20	18	90		20	100		40-140	11		40
Hexachlorobutadiene	ND	20	13	65		12	60		40-140	8		40
Naphthalene	0.05J	20	15	75		15	75		40-140	0		40
Benzo(a)anthracene	0.04J	20	19	95		20	100		40-140	5		40
Benzo(a)pyrene	ND	20	23	120		23	120		40-140	0		40
Benzo(b)fluoranthene	ND	20	22	110		23	120		40-140	4		40
Benzo(k)fluoranthene	ND	20	21	110		21	110		40-140	0		40
Chrysene	ND	20	18	90		18	90		40-140	0		40
Acenaphthylene	ND	20	18	90		18	90		40-140	0		40
Anthracene	ND	20	18	90		18	90		40-140	0		40
Benzo(ghi)perylene	ND	20	22	110		23	120		40-140	4		40
Fluorene	ND	20	18	90		18	90		40-140	0		40
Phenanthrene	0.06J	20	18	90		18	90		40-140	0		40
Dibenzo(a,h)anthracene	0.05J	20	20	100		20	100		40-140	0		40
Indeno(1,2,3-cd)pyrene	ND	20	26	130		26	130		40-140	0		40
Pyrene	ND	20	18	90		19	95		40-140	5		40
2-Methylnaphthalene	ND	20	16	80		16	80		40-140	0		40

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091137-4 WG2091137-5 QC Sample: L2543949-01 Client ID: 25MW-1												
Pentachlorophenol	0.22J	20	24	120		25	130		40-140	4		40
Hexachlorobenzene	ND	20	19	95		19	95		40-140	0		40
Hexachloroethane	ND	20	13	65		12	60		40-140	8		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	95		98		10-120
2-Fluorobiphenyl	76		77		15-120
2-Fluorophenol	58		61		21-120
4-Terphenyl-d14	80		87		41-149
Nitrobenzene-d5	88		91		23-120
Phenol-d6	43		46		10-120

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2091265-4 WG2091265-5 QC Sample: L2543949-01 Client ID: 25MW-1												
1,4-Dioxane	ND	4810	5520	115		5470	114		40-140	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,4-Dioxane-d8	57		53		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: 25MW-1												
Perfluorobutanoic Acid (PFBA)	8.45	100	108	100		108	100		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	12.4	100	117	105		116	104		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	2.18J	88.8	98.1	108		95.4	105		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	10.7	100	112	101		114	103		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	8.29	100	113	105		112	104		58-159	1		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	91.4	95.8	105		95.0	104		69-177	1		30
Perfluorooctanoic Acid (PFOA)	32.0	100	139	107		138	106		63-159	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.81J	95.2	108	108		96.3	96		49-187	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	95.4	153	160		169	177		61-179	10		30
Perfluorononanoic Acid (PFNA)	ND	100	118	118		115	115		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	ND	92.8	100	108		105	113		52-151	5		30
Perfluorodecanoic Acid (PFDA)	ND	100	102	102		104	104		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	96	103	107		107	111		56-173	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	100	94.1	94		108	108		60-166	14		30
Perfluoroundecanoic Acid (PFUnA)	ND	100	91.3	91		107	107		60-153	16		30
Perfluorodecanesulfonic Acid (PFDS)	ND	96.6	130	135		119	123		38-156	9		30
Perfluorooctanesulfonamide (FOSA)	ND	100	103	103		102F	102		46-170	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: 25MW-1												
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	100	113	113		121	121		45-170	7		30
Perfluorododecanoic Acid (PFDoA)	ND	100	106	106		114	114		67-153	7		30
Perfluorotridecanoic Acid (PFTrDA)	ND	100	128	128		140	140		48-158	9		30
Perfluorotetradecanoic Acid (PFTA)	ND	100	116	116		117	117		59-182	1		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		120		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	143		**159**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		90		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	82		96		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		89		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		107		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		106		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**139**	Q	**160**	Q	71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		90		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		121		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		124		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		18		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		114		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		123		62-129

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: 25MW-1

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		98		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	126		**147**	Q	70-131

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/16/25 15:42
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/16/25 16:10
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/16/25 16:19
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/16/25 16:29
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/16/25 14:27
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG2091158-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2091158-2 WG2091158-3									
Aroclor 1016	93		96		40-140	3		50	A
Aroclor 1260	104		106		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		93		30-150	A
Decachlorobiphenyl	84		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		88		30-150	B
Decachlorobiphenyl	74		77		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2091158-4 WG2091158-5 QC Sample: L2543949-01 Client ID: 25MW-1													
Aroclor 1016	ND	2.5	2.00	80		2.17	87		40-140	8		50	A
Aroclor 1260	ND	2.5	2.15	86		2.35	94		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		86		30-150	A
Decachlorobiphenyl	52		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	B
Decachlorobiphenyl	48		47		30-150	B

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Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/16/25 08:46
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/15/25 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	35		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	47		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 09:57
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	93		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/16/25 08:09
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/15/25 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	32		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	42		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 10:53
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	71		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/16/25 08:21
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/15/25 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	41		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 11:12
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	92		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/16/25 15:26
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2543949
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 11:30
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	91		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/16/25 07:32
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/15/25 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2090943-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/16/25 07:32
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/15/25 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2090943-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/19/25 09:01
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2092062-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	85		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2090943-2 WG2090943-3									
Delta-BHC	59		58		30-150	2		20	A
Lindane	87		84		30-150	3		20	A
Alpha-BHC	87		83		30-150	5		20	A
Beta-BHC	79		79		30-150	1		20	A
Heptachlor	64		57		30-150	11		20	A
Aldrin	57		50		30-150	13		20	A
Heptachlor epoxide	86		85		30-150	2		20	A
Endrin	86		86		30-150	0		20	A
Endrin aldehyde	76		77		30-150	2		20	A
Endrin ketone	90		91		30-150	1		20	A
Dieldrin	84		85		30-150	2		20	A
4,4'-DDE	81		83		30-150	2		20	A
4,4'-DDD	87		89		30-150	3		20	A
4,4'-DDT	94		99		30-150	5		20	A
Endosulfan I	82		82		30-150	0		20	A
Endosulfan II	84		86		30-150	2		20	A
Endosulfan sulfate	76		77		30-150	2		20	A
Methoxychlor	81		84		30-150	4		20	A
cis-Chlordane	71		73		30-150	3		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2090943-2 WG2090943-3									
trans-Chlordane	66		69		30-150	3		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		61		30-150	B
Decachlorobiphenyl	59		63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		68		30-150	A
Decachlorobiphenyl	80		83		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2092062-2 WG2092062-3									
2,4-D	97		90		30-150	7		25	A
2,4,5-T	101		96		30-150	5		25	A
2,4,5-TP (Silvex)	98		93		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	100		95		30-150	A
DCAA	104		99		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2090943-4 WG2090943-5 QC Sample: L2543949-01 Client ID: 25MW-1													
Delta-BHC	ND	0.5	0.272	54		0.282	56		30-150	4		30	A
Lindane	ND	0.5	0.382	76		0.403	81		30-150	5		30	A
Alpha-BHC	ND	0.5	0.380	76		0.401	80		30-150	5		30	A
Beta-BHC	ND	0.5	0.371	74		0.379	76		30-150	2		30	A
Heptachlor	ND	0.5	0.302	60		0.384	77		30-150	24		30	A
Aldrin	ND	0.5	0.267	53		0.333	67		30-150	22		30	A
Heptachlor epoxide	ND	0.5	0.351	70		0.409	82		30-150	15		30	A
Endrin	ND	0.5	0.361	72		0.402	80		30-150	11		30	A
Endrin aldehyde	ND	0.5	0.300	60		0.318	64		30-150	6		30	A
Endrin ketone	ND	0.5	0.304	61		0.427	85		30-150	**34**	Q	30	A
Dieldrin	ND	0.5	0.343	69		0.398	80		30-150	15		30	A
4,4'-DDE	ND	0.5	0.314	63		0.395	79		30-150	23		30	A
4,4'-DDD	ND	0.5	0.342	68		0.398	80		30-150	15		30	A
4,4'-DDT	ND	0.5	0.385	77		0.425	85		30-150	10		30	A
Endosulfan I	ND	0.5	0.288	58		0.384	77		30-150	29		30	A
Endosulfan II	ND	0.5	0.345	69		0.394	79		30-150	13		30	A
Endosulfan sulfate	ND	0.5	0.325	65		0.355	71		30-150	9		30	A
Methoxychlor	ND	0.5	0.326	65		0.375	75		30-150	14		30	A
cis-Chlordane	ND	0.5	0.284	57		0.361	72		30-150	24		30	A

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2090943-4 WG2090943-5 QC Sample: L2543949-01 Client ID: 25MW-1													
trans-Chlordane	ND	0.5	0.345	69		0.382	76		30-150	10		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		71		30-150	B
Decachlorobiphenyl	39		43		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		78		30-150	A
Decachlorobiphenyl	49		55		30-150	A

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2092062-4 WG2092062-5 QC Sample: L2543949-01 Client ID: 25MW-1													
2,4-D	ND	5	5.08J	102		5.25J	105		30-150	3		25	A
2,4,5-T	ND	5	5.40	108		5.58	112		30-150	3		25	A
2,4,5-TP (Silvex)	ND	5	5.13	103		5.27	105		30-150	3		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	104		110		30-150	A
DCAA	113		124		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-01
Client ID: 25MW-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/14/25 11:57
Date Received: 07/14/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0146		mg/l	0.0100	0.00327	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00310		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Barium, Total	0.3138		mg/l	0.00050	0.00017	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Calcium, Total	238.		mg/l	0.100	0.0394	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00039	J	mg/l	0.00100	0.00017	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00115		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Copper, Total	0.00052	J	mg/l	0.00100	0.00038	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Iron, Total	35.1		mg/l	0.0500	0.0191	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Lead, Total	0.00446		mg/l	0.00100	0.00034	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Magnesium, Total	49.0		mg/l	0.0700	0.0242	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Manganese, Total	0.9205		mg/l	0.00100	0.00044	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 19:01	07/23/25 17:59	EPA 7470A	1,7470A	CME
Nickel, Total	0.00111	J	mg/l	0.00200	0.00055	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Potassium, Total	32.8		mg/l	0.100	0.0309	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Sodium, Total	188.		mg/l	0.500	0.0293	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR
Zinc, Total	0.00685	J	mg/l	0.01000	0.00341	1	07/22/25 17:13	08/01/25 16:45	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-02
Client ID: 25MW-2
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/14/25 15:20
Date Received: 07/14/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0970		mg/l	0.0100	0.00327	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00312		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Barium, Total	0.7119		mg/l	0.00050	0.00017	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Calcium, Total	244.		mg/l	0.100	0.0394	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00058	J	mg/l	0.00100	0.00017	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00066		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Copper, Total	0.00408		mg/l	0.00100	0.00038	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Iron, Total	55.3		mg/l	0.0500	0.0191	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Lead, Total	0.01536		mg/l	0.00100	0.00034	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Magnesium, Total	29.4		mg/l	0.0700	0.0242	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Manganese, Total	2.667		mg/l	0.00100	0.00044	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 19:01	07/23/25 18:22	EPA 7470A	1,7470A	CME
Nickel, Total	0.00208		mg/l	0.00200	0.00055	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Potassium, Total	36.3		mg/l	0.100	0.0309	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Sodium, Total	543.		mg/l	5.00	0.293	10	07/22/25 17:13	08/04/25 16:37	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR
Zinc, Total	0.00722	J	mg/l	0.01000	0.00341	1	07/22/25 17:13	08/04/25 14:58	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-03
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/14/25 09:25
Date Received: 07/14/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	32.6		mg/l	0.0100	0.00327	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Antimony, Total	0.00141	J	mg/l	0.00400	0.00042	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.04864		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Barium, Total	1.073		mg/l	0.00050	0.00017	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Beryllium, Total	0.00297		mg/l	0.00050	0.00010	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00321		mg/l	0.00020	0.00005	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Calcium, Total	141.		mg/l	0.100	0.0394	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Chromium, Total	0.06472		mg/l	0.00100	0.00017	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.04029		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Copper, Total	0.3849		mg/l	0.00100	0.00038	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Iron, Total	59.8		mg/l	0.0500	0.0191	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Lead, Total	2.707		mg/l	0.1000	0.03430	100	07/22/25 17:13	08/04/25 16:43	EPA 3005A	1,6020B	BLR
Magnesium, Total	37.0		mg/l	0.0700	0.0242	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Manganese, Total	3.698		mg/l	0.00100	0.00044	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Mercury, Total	0.00992		mg/l	0.00020	0.00009	1	07/22/25 19:01	07/23/25 18:32	EPA 7470A	1,7470A	CME
Nickel, Total	0.1040		mg/l	0.00200	0.00055	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Potassium, Total	29.4		mg/l	0.100	0.0309	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Selenium, Total	0.0198		mg/l	0.00500	0.00173	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Silver, Total	0.00136		mg/l	0.00040	0.00016	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Sodium, Total	392.		mg/l	50.0	2.93	100	07/22/25 17:13	08/04/25 16:43	EPA 3005A	1,6020B	BLR
Thallium, Total	0.00081	J	mg/l	0.00100	0.00014	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.1474		mg/l	0.00500	0.00157	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR
Zinc, Total	1.561		mg/l	0.01000	0.00341	1	07/22/25 17:13	08/04/25 15:04	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2543949-04
Client ID: 25FB-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/14/25 13:50
Date Received: 07/14/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00452	J	mg/l	0.0100	0.00327	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Barium, Total	0.00018	J	mg/l	0.00050	0.00017	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Calcium, Total	0.0420	J	mg/l	0.100	0.0394	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Lead, Total	0.00037	J	mg/l	0.00100	0.00034	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Manganese, Total	0.00057	J	mg/l	0.00100	0.00044	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 19:01	07/23/25 18:35	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Sodium, Total	0.200	J	mg/l	0.500	0.0293	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/22/25 17:13	08/04/25 15:09	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2093714-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Sodium, Total	0.137	J	mg/l	0.500	0.0293	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/22/25 17:13	08/01/25 16:35	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2093718-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 19:01	07/23/25 17:52	1,7470A	CME

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093714-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	81		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	108		-		80-120	-		
Chromium, Total	110		-		80-120	-		
Cobalt, Total	107		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	112		-		80-120	-		
Lead, Total	107		-		80-120	-		
Magnesium, Total	106		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	109		-		80-120	-		
Potassium, Total	116		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	120		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	108		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093714-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093718-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093714-3 WG2093714-4 QC Sample: L2543949-01 Client ID: 25MW-1												
Aluminum, Total	0.0146	2	2.12	105		2.12	105		75-125	0		20
Antimony, Total	ND	0.5	0.5022	100		0.5222	104		75-125	4		20
Arsenic, Total	0.00310	0.12	0.1373	112		0.1356	110		75-125	1		20
Barium, Total	0.3138	2	2.383	103		2.461	107		75-125	3		20
Beryllium, Total	ND	0.05	0.04945	99		0.05141	103		75-125	4		20
Cadmium, Total	ND	0.053	0.05473	103		0.05605	106		75-125	2		20
Calcium, Total	238.	10	245	**70**	Q	242	**40**	Q	75-125	1		20
Chromium, Total	0.00039J	0.2	0.2157	108		0.2190	110		75-125	2		20
Cobalt, Total	0.00115	0.5	0.5289	106		0.5442	109		75-125	3		20
Copper, Total	0.00052J	0.25	0.2673	107		0.2686	107		75-125	0		20
Iron, Total	35.1	1	36.7	**160**	Q	36.3	120		75-125	1		20
Lead, Total	0.00446	0.53	0.5790	108		0.5881	110		75-125	2		20
Magnesium, Total	49.0	10	75.3	**263**	Q	76.0	**270**	Q	75-125	1		20
Manganese, Total	0.9205	0.5	1.459	108		1.455	107		75-125	0		20
Nickel, Total	0.00111J	0.5	0.5386	108		0.5443	109		75-125	1		20
Potassium, Total	32.8	10	48.2	**154**	Q	43.0	102		75-125	11		20
Selenium, Total	ND	0.12	0.128	107		0.134	112		75-125	5		20
Silver, Total	ND	0.05	0.05182	104		0.05349	107		75-125	3		20
Sodium, Total	188.	10	216	**280**	Q	215	**270**	Q	75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093714-3 WG2093714-4 QC Sample: L2543949-01 Client ID: 25MW-1												
Thallium, Total	ND	0.12	0.1235	103		0.1295	108		75-125	5		20
Vanadium, Total	ND	0.5	0.5456	109		0.5411	108		75-125	1		20
Zinc, Total	0.00685J	0.5	0.5296	106		0.5302	106		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093718-3 WG2093718-4 QC Sample: L2543949-01 Client ID: 25MW-1												
Mercury, Total	ND	0.005	0.00511	102		0.00506	101		75-125	1		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2543949
Report Date: 08/22/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093714-6 QC Sample: L2543949-01 Client ID: 25MW-1						
Barium, Total	0.3138	0.2945	mg/l	6		20
Calcium, Total	238.	226.	mg/l	5		20
Iron, Total	35.1	34.0	mg/l	3		20
Magnesium, Total	49.0	62.0	mg/l	**27**	Q	20
Manganese, Total	0.9205	0.8816	mg/l	4		20
Potassium, Total	32.8	30.9	mg/l	6		20
Sodium, Total	188.	196.	mg/l	4		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01D1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01D2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01E1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01E2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-01F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-01F1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-01F2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-01G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-01G1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-01G2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-01H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01H1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01H2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01I1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01I2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-01J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2543949-01J1	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-01J2	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2543949-01K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01K1	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01K2	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01L1	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01L2	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-01M	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01M1	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01M2	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01N	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01N1	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01N2	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-01O	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-01O1	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-01O2	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-01P	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-01P1	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-01P2	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-02F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-02G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-02H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-02I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-02J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2543949-02K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-02L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-02M	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-02N	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-02O	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-02P	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-03F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-03G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-03H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-03I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-03J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2543949-03K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-03L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-03M	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-03N	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-03O	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-03P	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-04D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-04E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2543949-04F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-04G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2543949-04H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2543949-04I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2543949
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2543949-04J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2543949-04K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-04L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2543949-04M	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2543949-04O	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-04P	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2543949-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2543949-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2543949
Project Number:	25030019	**Report Date:**	08/22/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2543949
Project Number:	25030019	**Report Date:**	08/22/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2543949
Project Number:	25030019	**Report Date:**	08/22/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2543949
Report Date: 08/22/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/15/25

Pace Job #: 12543949

Project Information
Project Name: 601-607 Union St
Project Location: Brooklyn, NY
Project #: 2503001
(Use Project name as Project #) ☐
Project Manager: Victor Chang / Ezgi Koseol
PACE Quote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Victor Consultants
Address: 37 W 37th St NY, NY
Phone:
Fax:
Email:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☒ NY TOGS ☒ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Volatiles 8260D	Semivolatiles 8270E	TCL Pest 8081B	Herbs 8151A	TCL PCBs 8082A	TAL metals 6020/7471B	1,4 dioxane 8270E-SIM	PFAS	Sample Specific Comments	Total Bottle
43949-01	MW-1	7/14/25	1157	GW	BN	X	X	X	X	X	X	X	X		
-02	MW-2		1520			X	X	X	X	X	X	X	X		
-03	MW-5		925			X	X	X	X	X	X	X	X		
-01	MW-1 (MS)		1205			X	X	X	X	X	X	X	X		
-01	MW-1 (MSD)		1210			X	X	X	X	X	X	X	X		
-04	25FB-1		1350			X	X	X	X	X	X	X	X		
-05	Trip Blank		1401			X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type			
Preservative			

Relinquished By:	Date/Time	Received By:	Date/Time
	7/14/25 1815		7/14/25 16:05
	7/14/25 17:48		7/14/25 14:30
	7/14		7/14 2200
	7/15 300		07/15/25 0300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2543949

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 14-JUL-2025
Reviewer : Craig Sloma-Green

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.7	
B	Absent/	Ice	3.4	
C	Absent/	Ice	3.0	
D	Absent/	Ice	3.6	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis? Following containers were received with headspace: -01A1, -01B1	**NO**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2544316
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	08/22/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2544316-01	25MW-6	WATER	BROOKLYN, NY	07/15/25 10:40	07/15/25
L2544316-02	25MW-7	WATER	BROOKLYN, NY	07/15/25 12:40	07/15/25
L2544316-03	25MW-3	WATER	BROOKLYN, NY	07/15/25 16:45	07/15/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2544316
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2544316
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative (continued)

Report Revision

August 22, 2025: At the client's request, the Client IDs were changed on L2544316-01, -02, and -03.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2544316-04: A sample identified as "TRIP BLANK-7.15.25 " was listed on the chain of custody, but not received. This was verified by the client.

Perfluorinated Alkyl Acids by Isotope Dilution

L2544316-01 and -03: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2544316-02, WG2092151-1, and WG2092151-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2544316-03: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 08/22/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 10:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.24	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	113		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/26/25 14:28
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/26/25 14:55
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2095890-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2095890-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2095890-5					
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	113		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/26/25 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2095922-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/26/25 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2095922-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/26/25 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2095922-5					
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2095890-3 WG2095890-4								
Methylene chloride	110		99		70-130	11		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	99		94		70-130	5		20
Dibromochloromethane	90		86		63-130	5		20
1,1,2-Trichloroethane	84		81		70-130	4		20
Tetrachloroethene	100		93		70-130	7		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	82		78		70-130	5		20
cis-1,3-Dichloropropene	89		82		70-130	8		20
Bromoform	84		79		54-136	6		20
1,1,2,2-Tetrachloroethane	86		82		67-130	5		20
Benzene	100		93		70-130	7		20
Toluene	100		94		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2095890-3 WG2095890-4								
Ethylbenzene	100		96		70-130	4		20
Chloromethane	110		96		64-130	14		20
Bromomethane	120		95		39-139	**23**	Q	20
Vinyl chloride	100		86		55-140	15		20
Chloroethane	100		85		55-138	16		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	110		98		70-130	12		20
Trichloroethene	97		91		70-130	6		20
1,2-Dichlorobenzene	110		99		70-130	11		20
1,3-Dichlorobenzene	110		99		70-130	11		20
1,4-Dichlorobenzene	110		99		70-130	11		20
Methyl tert butyl ether	82		80		63-130	2		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	100		90		70-130	11		20
cis-1,2-Dichloroethene	110		99		70-130	11		20
Styrene	100		90		70-130	11		20
Dichlorodifluoromethane	120		98		36-147	20		20
Acetone	100		85		58-148	16		20
Carbon disulfide	120		100		51-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2095890-3 WG2095890-4								
2-Butanone	91		77		63-138	17		20
4-Methyl-2-pentanone	**57**	Q	60		59-130	5		20
2-Hexanone	62		64		57-130	3		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	92		86		70-130	7		20
1,2-Dibromo-3-chloropropane	72		75		41-144	4		20
Isopropylbenzene	110		97		70-130	13		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		94		70-130	5		20
Methyl Acetate	100		93		70-130	7		20
Cyclohexane	100		92		70-130	8		20
1,4-Dioxane	64		62		56-162	3		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	99		86		70-130	14		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2095890-3 WG2095890-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	110		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2095922-3 WG2095922-4								
Methylene chloride	94		93		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	97		95		70-130	2		20
Carbon tetrachloride	85		78		63-132	9		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	85		84		63-130	1		20
1,1,2-Trichloroethane	98		97		70-130	1		20
Tetrachloroethene	84		77		70-130	9		20
Chlorobenzene	98		92		75-130	6		20
Trichlorofluoromethane	85		81		62-150	5		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	93		85		67-130	9		20
Bromodichloromethane	99		93		67-130	6		20
trans-1,3-Dichloropropene	93		87		70-130	7		20
cis-1,3-Dichloropropene	92		89		70-130	3		20
Bromoform	79		77		54-136	3		20
1,1,2,2-Tetrachloroethane	96		93		67-130	3		20
Benzene	100		98		70-130	2		20
Toluene	100		96		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2095922-3 WG2095922-4								
Ethylbenzene	97		92		70-130	5		20
Chloromethane	110		110		64-130	0		20
Bromomethane	80		78		39-139	3		20
Vinyl chloride	120		120		55-140	0		20
Chloroethane	**140**	Q	**140**	Q	55-138	0		20
1,1-Dichloroethene	88		83		61-145	6		20
trans-1,2-Dichloroethene	91		92		70-130	1		20
Trichloroethene	96		96		70-130	0		20
1,2-Dichlorobenzene	93		89		70-130	4		20
1,3-Dichlorobenzene	94		92		70-130	2		20
1,4-Dichlorobenzene	96		90		70-130	6		20
Methyl tert butyl ether	84		82		63-130	2		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	89		90		70-130	1		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	84		82		36-147	2		20
Acetone	100		94		58-148	6		20
Carbon disulfide	98		94		51-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2095922-3 WG2095922-4								
2-Butanone	94		86		63-138	9		20
4-Methyl-2-pentanone	83		82		59-130	1		20
2-Hexanone	85		82		57-130	4		20
Bromochloromethane	95		94		70-130	1		20
1,2-Dibromoethane	89		86		70-130	3		20
1,2-Dibromo-3-chloropropane	68		67		41-144	1		20
Isopropylbenzene	91		87		70-130	4		20
1,2,3-Trichlorobenzene	**60**	Q	**63**	Q	70-130	5		20
1,2,4-Trichlorobenzene	70		**68**	Q	70-130	3		20
Methyl Acetate	110		96		70-130	14		20
Cyclohexane	87		80		70-130	8		20
1,4-Dioxane	68		70		56-162	3		20
Freon-113	83		79		70-130	5		20
Methyl cyclohexane	75		70		70-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2095922-3 WG2095922-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		122		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	97		101		70-130
Dibromofluoromethane	100		102		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/24/25 07:56
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	4.6	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	88		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 15:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	96		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/25 18:53
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 01:26
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.79		ng/l	5.00	1.02	1
Perfluoropentanoic Acid (PFPeA)	19.8		ng/l	5.00	0.990	1
Perfluorobutanesulfonic Acid (PFBS)	3.18	J	ng/l	5.00	0.595	1
Perfluorohexanoic Acid (PFHxA)	14.6		ng/l	5.00	0.820	1
Perfluoroheptanoic Acid (PFHpA)	8.17		ng/l	5.00	0.563	1
Perfluorohexanesulfonic Acid (PFHxS)	2.41	J	ng/l	5.00	0.940	1
Perfluorooctanoic Acid (PFOA)	48.4		ng/l	5.00	0.590	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.80	JF	ng/l	5.00	3.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	5.00	1.72	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	5.00	0.780	1
Perfluorooctanesulfonic Acid (PFOS)	1.30	JF	ng/l	5.00	1.26	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	5.00	0.760	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.00	3.03	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	5.00	1.62	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	5.00	0.650	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	5.00	2.45	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	5.00	1.45	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	5.00	2.01	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	5.00	0.930	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	5.00	0.818	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	5.00	0.620	1
PFOA/PFOS, Total	49.7	J	ng/l	5.00	0.590	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	129		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	121		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	69		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	67		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/21/25 21:04
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.36	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	91		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 16:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.2		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.38		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.71		ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.54		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2544316
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	79		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/25 19:14
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 01:42
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	64.0		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	3.33		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	2.19		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	6.68		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	3.40		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	1.58	J	ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	11.4		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.90		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	1.29	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	4.74		ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	0.668	J	ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	0.251	J	ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	16.1		ng/l	1.84	0.218	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**207**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**207**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**120**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	125		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/24/25 08:19
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	83		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 16:17
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 00:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.04	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	75		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/25 19:36
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/19/25 01:59
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.63		ng/l	5.00	1.02	1
Perfluoropentanoic Acid (PFPeA)	10.4		ng/l	5.00	0.990	1
Perfluorobutanesulfonic Acid (PFBS)	2.30	J	ng/l	5.00	0.595	1
Perfluorohexanoic Acid (PFHxA)	10.1		ng/l	5.00	0.820	1
Perfluoroheptanoic Acid (PFHpA)	6.65		ng/l	5.00	0.563	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	5.00	0.940	1
Perfluorooctanoic Acid (PFOA)	36.4		ng/l	5.00	0.590	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.53	J	ng/l	5.00	3.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	5.00	1.72	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	5.00	0.780	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	5.00	1.26	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	5.00	0.760	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.00	3.03	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	5.00	1.62	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	5.00	0.650	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	5.00	2.45	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	5.00	2.01	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	5.00	0.930	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	5.00	0.818	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	5.00	0.620	1
PFOA/PFOS, Total	36.4		ng/l	5.00	0.590	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	126		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	98		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/25 10:56
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	5.00	1.45	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		10-112

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2091134-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2091134-1					
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 05:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2091134-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	60		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 17:29
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG2091137-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.18	J	ug/l	0.80	0.06
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/16/25 17:29
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG2091137-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	64		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/18/25 23:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG2092151-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.86	J	ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/18/25 23:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG2092151-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	131		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**143**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	110		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	121		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	97		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/25 10:42
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 07/18/25 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG2092151-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	86		10-112

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/23/25 18:57
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-03 Batch: WG2092263-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2091134-2 WG2091134-3								
Bis(2-chloroethyl)ether	91		80		40-140	13		30
3,3'-Dichlorobenzidine	80		64		40-140	22		30
2,4-Dinitrotoluene	117		102		48-143	14		30
2,6-Dinitrotoluene	117		112		40-140	4		30
4-Chlorophenyl phenyl ether	88		79		40-140	11		30
4-Bromophenyl phenyl ether	99		84		40-140	16		30
Bis(2-chloroisopropyl)ether	78		73		40-140	7		30
Bis(2-chloroethoxy)methane	98		87		40-140	12		30
Hexachlorocyclopentadiene	54		59		40-140	9		30
Isophorone	100		93		40-140	7		30
Nitrobenzene	91		90		40-140	1		30
NDPA/DPA	96		80		40-140	18		30
n-Nitrosodi-n-propylamine	92		89		29-132	3		30
Bis(2-ethylhexyl)phthalate	136		118		40-140	14		30
Butyl benzyl phthalate	140		119		40-140	16		30
Di-n-butylphthalate	121		104		40-140	15		30
Di-n-octylphthalate	**149**	Q	125		40-140	18		30
Diethyl phthalate	110		95		40-140	15		30
Dimethyl phthalate	99		93		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2091134-2 WG2091134-3								
Biphenyl	82		77		40-140	6		30
4-Chloroaniline	77		75		40-140	3		30
2-Nitroaniline	122		107		52-143	13		30
3-Nitroaniline	107		90		25-145	17		30
4-Nitroaniline	111		97		51-143	13		30
Dibenzofuran	88		77		40-140	13		30
1,2,4,5-Tetrachlorobenzene	77		77		2-134	0		30
Acetophenone	105		97		39-129	8		30
2,4,6-Trichlorophenol	116		100		30-130	15		30
p-Chloro-m-cresol	**125**	Q	**113**	Q	23-97	10		30
2-Chlorophenol	84		80		27-123	5		30
2,4-Dichlorophenol	98		98		30-130	0		30
2,4-Dimethylphenol	71		76		30-130	7		30
2-Nitrophenol	105		101		30-130	4		30
4-Nitrophenol	**123**	Q	**98**	Q	10-80	23		30
2,4-Dinitrophenol	104		87		20-130	18		30
4,6-Dinitro-o-cresol	124		100		20-164	21		30
Phenol	57		46		12-110	21		30
2-Methylphenol	86		80		30-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2091134-2 WG2091134-3								
3-Methylphenol/4-Methylphenol	84		80		30-130	5		30
2,4,5-Trichlorophenol	119		117		30-130	2		30
Carbazole	99		85		55-144	15		30
Atrazine	122		106		40-140	14		30
Benzaldehyde	101		82		40-140	21		30
Caprolactam	59		55		10-130	7		30
2,3,4,6-Tetrachlorophenol	118		102		40-140	15		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		57		21-120
Phenol-d6	49		46		10-120
Nitrobenzene-d5	96		85		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	108		94		10-120
4-Terphenyl-d14	90		77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG2091137-2 WG2091137-3								
Acenaphthene	75		74		40-140	1		40
2-Chloronaphthalene	70		71		40-140	1		40
Fluoranthene	77		73		40-140	5		40
Hexachlorobutadiene	52		52		40-140	0		40
Naphthalene	64		63		40-140	2		40
Benzo(a)anthracene	90		85		40-140	6		40
Benzo(a)pyrene	98		91		40-140	7		40
Benzo(b)fluoranthene	105		97		40-140	8		40
Benzo(k)fluoranthene	87		81		40-140	7		40
Chrysene	85		80		40-140	6		40
Acenaphthylene	75		74		40-140	1		40
Anthracene	81		75		40-140	8		40
Benzo(ghi)perylene	110		105		40-140	5		40
Fluorene	79		77		40-140	3		40
Phenanthrene	79		75		40-140	5		40
Dibenzo(a,h)anthracene	106		101		40-140	5		40
Indeno(1,2,3-cd)pyrene	112		105		40-140	6		40
Pyrene	75		72		40-140	4		40
2-Methylnaphthalene	65		65		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG2091137-2 WG2091137-3								
Pentachlorophenol	112		105		40-140	6		40
Hexachlorobenzene	78		72		40-140	8		40
Hexachloroethane	50		49		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		54		21-120
Phenol-d6	41		40		10-120
Nitrobenzene-d5	67		64		23-120
2-Fluorobiphenyl	69		69		15-120
2,4,6-Tribromophenol	87		84		10-120
4-Terphenyl-d14	76		73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG2092151-2								
Perfluorobutanoic Acid (PFBA)	102		-		67-148	-		
Perfluoropentanoic Acid (PFPeA)	104		-		63-161	-		
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-157	-		
Perfluorohexanoic Acid (PFHxA)	103		-		69-168	-		
Perfluoroheptanoic Acid (PFHpA)	104		-		58-159	-		
Perfluorohexanesulfonic Acid (PFHxS)	107		-		69-177	-		
Perfluorooctanoic Acid (PFOA)	110		-		63-159	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		49-187	-		
Perfluoroheptanesulfonic Acid (PFHpS)	162		-		61-179	-		
Perfluorononanoic Acid (PFNA)	120		-		68-171	-		
Perfluorooctanesulfonic Acid (PFOS)	109		-		52-151	-		
Perfluorodecanoic Acid (PFDA)	103		-		63-171	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		56-173	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		60-166	-		
Perfluoroundecanoic Acid (PFUnA)	91		-		60-153	-		
Perfluorodecanesulfonic Acid (PFDS)	131		-		38-156	-		
Perfluorooctanesulfonamide (FOSA)	111		-		46-170	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	123		-		45-170	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG2092151-2								
Perfluorododecanoic Acid (PFDoA)	108		-		67-153	-		
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		
Perfluorotetradecanoic Acid (PFTA)	111		-		59-182	-		

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	129				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**139**	Q			71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	93				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG2092151-2								
Perfluorooctanesulfonamide (FOSA)	107		-		46-170	-		

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-03		Batch: WG2092263-2		WG2092263-3			
1,4-Dioxane	111		114		40-140	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	50		48		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	8.45	100	108	100		108	100		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	12.4	100	117	105		116	104		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	2.18J	88.8	98.1	108		95.4	105		65-157	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	93.8	103	110		105	112		37-219	2		30
Perfluorohexanoic Acid (PFHxA)	10.7	100	112	101		114	103		69-168	2		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	94.2	93.5	99		93.5	99		52-156	0		30
Perfluoroheptanoic Acid (PFHpA)	8.29	100	113	105		112	104		58-159	1		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	91.4	95.8	105		95.0	104		69-177	1		30
Perfluorooctanoic Acid (PFOA)	32.0	100	139	107		138	106		63-159	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.81J	95.2	108	108		96.3	96		49-187	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	95.4	153	160		169	177		61-179	10		30
Perfluorononanoic Acid (PFNA)	ND	100	118	118		115	115		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	ND	92.8	100	108		105	113		52-151	5		30
Perfluorodecanoic Acid (PFDA)	ND	100	102	102		104	104		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	96	103	107		107	111		56-173	4		30
Perfluorononanesulfonic Acid (PFNS)	ND	96.2	135	140		128	133		48-150	5		30
N-Methyl	ND	100	94.1	94		108	108		60-166	14		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: MS Sample												
Perfluoroundecanoic Acid (PFUnA)	ND	100	91.3	91		107	107		60-153	16		30
Perfluorodecanesulfonic Acid (PFDS)	ND	96.6	130	135		119	123		38-156	9		30
Perfluorooctanesulfonamide (FOSA)	ND	100	103	103		102F	102		46-170	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	100	113	113		121	121		45-170	7		30
Perfluorododecanoic Acid (PFDoA)	ND	100	106	106		114	114		67-153	7		30
Perfluorotridecanoic Acid (PFTrDA)	ND	100	128	128		140	140		48-158	9		30
Perfluorotetradecanoic Acid (PFTA)	ND	100	116	116		117	117		59-182	1		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		120		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**205**	Q	**193**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	143		**159**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		90		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	82		96		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		89		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		107		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		106		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**139**	Q	**160**	Q	71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		90		22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2092151-3 WG2092151-4 QC Sample: L2543949-01 Client ID: MS Sample

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		121		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		124		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		18		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		114		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		123		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		98		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	126		**147**	Q	70-131

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/17/25 10:50
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 18:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/17/25 11:00
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 18:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/17/25 11:09
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 18:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/16/25 14:27
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/16/25 05:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/16/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG2091158-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2091158-2 WG2091158-3									
Aroclor 1016	93		96		40-140	3		50	A
Aroclor 1260	104		106		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		93		30-150	A
Decachlorobiphenyl	84		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		88		30-150	B
Decachlorobiphenyl	74		77		30-150	B

PESTICIDES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/25 06:57
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544316
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 11:49
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	90		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/25 07:09
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544316
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 12:08
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	92		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/25 07:22
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/19/25 12:26
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	80		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/18/25 05:55
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2091685-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/18/25 05:55
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2091685-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/19/25 09:01
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/17/25 20:20

Methylation Date: 07/19/25 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2092062-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	85		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2091685-2 WG2091685-3									
Delta-BHC	63		60		30-150	4		20	A
Lindane	96		92		30-150	4		20	A
Alpha-BHC	95		90		30-150	5		20	A
Beta-BHC	93		88		30-150	6		20	A
Heptachlor	96		90		30-150	6		20	A
Aldrin	91		89		30-150	2		20	A
Heptachlor epoxide	101		96		30-150	5		20	A
Endrin	99		96		30-150	3		20	A
Endrin aldehyde	97		94		30-150	3		20	A
Endrin ketone	99		94		30-150	5		20	A
Dieldrin	97		91		30-150	6		20	A
4,4'-DDE	99		94		30-150	6		20	A
4,4'-DDD	103		98		30-150	5		20	A
4,4'-DDT	99		95		30-150	4		20	A
Endosulfan I	94		90		30-150	5		20	A
Endosulfan II	101		96		30-150	5		20	A
Endosulfan sulfate	87		83		30-150	4		20	A
Methoxychlor	94		92		30-150	3		20	A
cis-Chlordane	88		85		30-150	3		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2091685-2 WG2091685-3									
trans-Chlordane	94		90		30-150	5		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	86		84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		87		30-150	A
Decachlorobiphenyl	102		101		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2092062-2 WG2092062-3									
2,4-D	97		90		30-150	7		25	A
2,4,5-T	101		96		30-150	5		25	A
2,4,5-TP (Silvex)	98		93		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	100		95		30-150	A
DCAA	104		99		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-01
Client ID: 25MW-6
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/15/25 10:40
Date Received: 07/15/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0349		mg/l	0.0100	0.00327	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00164		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Barium, Total	0.3160		mg/l	0.00500	0.00173	10	07/24/25 15:42	08/06/25 17:13	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/24/25 15:42	08/07/25 09:34	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Calcium, Total	186.		mg/l	10.0	3.94	100	07/24/25 15:42	08/06/25 17:34	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00027	J	mg/l	0.00100	0.00017	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00057		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Copper, Total	0.00061	J	mg/l	0.00100	0.00038	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Iron, Total	32.1		mg/l	0.0500	0.0191	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Lead, Total	0.00458		mg/l	0.00100	0.00034	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Magnesium, Total	40.1		mg/l	0.700	0.242	10	07/24/25 15:42	08/06/25 17:13	EPA 3005A	1,6020B	BLR
Manganese, Total	1.148		mg/l	0.00100	0.00044	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/24/25 17:17	07/28/25 10:21	EPA 7470A	1,7470A	CME
Nickel, Total	0.00094	J	mg/l	0.00200	0.00055	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Potassium, Total	24.2		mg/l	1.00	0.309	10	07/24/25 15:42	08/06/25 17:13	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Sodium, Total	324.		mg/l	50.0	2.93	100	07/24/25 15:42	08/06/25 17:34	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR
Zinc, Total	0.00341	J	mg/l	0.01000	0.00341	1	07/24/25 15:42	08/06/25 16:28	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-02
Client ID: 25MW-7
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/15/25 12:40
Date Received: 07/15/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0516		mg/l	0.0100	0.00327	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Antimony, Total	0.00081	J	mg/l	0.00400	0.00042	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.01686		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Barium, Total	0.1018		mg/l	0.00050	0.00017	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/24/25 15:42	08/07/25 09:39	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Calcium, Total	73.5		mg/l	1.00	0.394	10	07/24/25 15:42	08/06/25 17:19	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00046	J	mg/l	0.00100	0.00017	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00129		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Copper, Total	0.00167		mg/l	0.00100	0.00038	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Iron, Total	3.73		mg/l	0.0500	0.0191	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Lead, Total	0.00924		mg/l	0.00100	0.00034	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Magnesium, Total	10.5		mg/l	0.0700	0.0242	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Manganese, Total	0.3795		mg/l	0.00100	0.00044	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/24/25 17:17	07/28/25 10:24	EPA 7470A	1,7470A	CME
Nickel, Total	0.00248		mg/l	0.00200	0.00055	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Potassium, Total	5.90		mg/l	0.100	0.0309	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Silver, Total	0.00054		mg/l	0.00040	0.00016	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Sodium, Total	22.2		mg/l	5.00	0.293	10	07/24/25 15:42	08/06/25 17:19	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00253	J	mg/l	0.00500	0.00157	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR
Zinc, Total	0.01470		mg/l	0.01000	0.00341	1	07/24/25 15:42	08/06/25 16:58	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544316-03
Client ID: 25MW-3
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/15/25 16:45
Date Received: 07/15/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.255		mg/l	0.100	0.0327	10	07/24/25 15:42	08/06/25 17:25	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00254		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Barium, Total	0.2178		mg/l	0.00500	0.00173	10	07/24/25 15:42	08/06/25 17:25	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/24/25 15:42	08/07/25 09:44	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Calcium, Total	171.		mg/l	10.0	3.94	100	07/24/25 15:42	08/06/25 17:40	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00072	J	mg/l	0.00100	0.00017	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00051		mg/l	0.00050	0.00016	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Copper, Total	0.00276		mg/l	0.00100	0.00038	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Iron, Total	21.4		mg/l	0.0500	0.0191	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Lead, Total	0.02684		mg/l	0.00100	0.00034	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Magnesium, Total	16.6		mg/l	0.700	0.242	10	07/24/25 15:42	08/06/25 17:25	EPA 3005A	1,6020B	BLR
Manganese, Total	1.253		mg/l	0.00100	0.00044	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	07/24/25 17:17	07/28/25 10:28	EPA 7470A	1,7470A	CME
Nickel, Total	0.00066	J	mg/l	0.00200	0.00055	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Potassium, Total	14.6		mg/l	1.00	0.309	10	07/24/25 15:42	08/06/25 17:25	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Sodium, Total	117.		mg/l	5.00	0.293	10	07/24/25 15:42	08/06/25 17:25	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00166	J	mg/l	0.00500	0.00157	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR
Zinc, Total	0.01305		mg/l	0.01000	0.00341	1	07/24/25 15:42	08/06/25 17:04	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2094683-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Sodium, Total	ND		mg/l	0.500	0.0293	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/24/25 15:42	07/28/25 13:53	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2094689-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/24/25 17:17	07/28/25 09:45	1,7470A	CME

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2094683-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	94		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	92		-		80-120	-		
Calcium, Total	80		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	91		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	90		-		80-120	-		
Lead, Total	94		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	91		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	92		-		80-120	-		
Sodium, Total	94		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2094683-2					
Zinc, Total	89	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2094689-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2094683-3 QC Sample: L2500778-167 Client ID: MS Sample												
Aluminum, Total	0.052	2	2.07	101		-	-		75-125	-		
Antimony, Total	ND	0.5	0.4713	94		-	-		75-125	-		
Arsenic, Total	0.0004J	0.12	0.1190	99		-	-		75-125	-		
Barium, Total	0.0356	2	1.999	98		-	-		75-125	-		
Beryllium, Total	ND	0.05	0.04952	99		-	-		75-125	-		
Cadmium, Total	ND	0.053	0.05089	96		-	-		75-125	-		
Calcium, Total	39.2	10	51.2	120		-	-		75-125	-		
Chromium, Total	ND	0.2	0.1924	96		-	-		75-125	-		
Cobalt, Total	ND	0.5	0.4744	95		-	-		75-125	-		
Copper, Total	0.0071	0.25	0.2403	93		-	-		75-125	-		
Iron, Total	0.029J	1	0.983	98		-	-		75-125	-		
Lead, Total	ND	0.53	0.5149	97		-	-		75-125	-		
Magnesium, Total	10.6	10	20.9	103		-	-		75-125	-		
Manganese, Total	0.0033	0.5	0.4926	98		-	-		75-125	-		
Nickel, Total	ND	0.5	0.4835	97		-	-		75-125	-		
Potassium, Total	1.68	10	11.8	101		-	-		75-125	-		
Selenium, Total	ND	0.12	0.113	94		-	-		75-125	-		
Silver, Total	ND	0.05	0.04816	96		-	-		75-125	-		
Sodium, Total	25.7	10	35.9	102		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2094683-3 QC Sample: L2500778-167 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.1200	100		-	-		75-125	-		
Vanadium, Total	ND	0.5	0.5036	101		-	-		75-125	-		
Zinc, Total	0.0114	0.5	0.4871	95		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2094689-3 QC Sample: L2544117-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00453	91		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2544316

Report Date: 08/22/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2094683-4 QC Sample: L2500778-167 Client ID: DUP Sample						
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2094689-4 QC Sample: L2544117-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544316-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-01F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-01G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-01H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-01I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-01J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2544316-01K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-01L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-01M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544316-01N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544316-01O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2544316-01P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2544316-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-02F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-02G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-02H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-02I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-02J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2544316-02K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-02L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-02M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544316-02N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544316-02O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2544316-02P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2544316-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544316-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544316
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544316-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544316-03F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-03G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544316-03H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-03I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544316-03J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2544316-03K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-03L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544316-03M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544316-03N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544316-03O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)
L2544316-03P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-537-ISOTOPE(28)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2544316
Project Number:	25030019	**Report Date:**	08/22/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544316
Project Number:	25030019	**Report Date:**	08/22/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544316
Project Number:	25030019	**Report Date:**	08/22/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544316
Report Date: 08/22/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/16/25

Pace Job #: L2544316

Client Information

Client: Victor Consultants
Address: 37 W 37th NY, NY
Phone:
Fax:
Email:

Project Information

Project Name: 60-67 Union St
Project Location: Brooklyn, NY
Project #: 2503219
(Use Project name as Project #) ☐
Project Manager: Victor Chang / Ezgi Karpat
PACE Quote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOA 8260	SVOC 8270	TCL PCB 8081	TAL Metals 6010	PCBs 8082	TAL Metals 7470/71	VOC-8260-SIM	PFAS
L4316-01	MW-6	7/15/25	1410	GW	BN	X	X	X	X	X	X	X	X
-02	MW-7	↓	1240	↓	↓	X	X	X	X	X	X	X	X
-03	MW-3		1645			X	X	X	X	X	X	X	X
-04	Trip Blank-7.15.25		1715			X							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/15/25 1720	Pace	7/15/25 1720
Pace	7/15/25 1920		7/15/25 2020
	7-15-25		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace 7/16/25 0415 MC 07/16/25 04:15

Sample Delivery Group Summary

Pace Job Number : L2544316

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 15-JUL-2025
Reviewer : Julie Convery

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.6	
B	Absent/	Ice	2.9	
C	Absent/	Ice	2.3	
D	Absent/	Ice	2.5	

Condition Information

1) All samples on COC received? **NO**
Following samples were not received: -04

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between COC & sample labels? **NO**

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **NO**
Following containers were received with headspace: -01B, -02B

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

ANALYTICAL REPORT

Lab Number:	L2544658
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	08/22/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2544658-01	25MW-4	WATER	BROOKLYN, NY	07/16/25 15:50	07/16/25
L2544658-02	25MW-8	WATER	BROOKLYN, NY	07/16/25 09:15	07/16/25
L2544658-03	25B8DW	WATER	BROOKLYN, NY	07/16/25 14:30	07/16/25
L2544658-04	25B10D	WATER	BROOKLYN, NY	07/16/25 15:00	07/16/25
L2544658-05	TRIP BLANK 7.16.25	WATER	BROOKLYN, NY	07/16/25 00:00	07/16/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2544658
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601-607 UNION ST	**Lab Number:**	L2544658
Project Number:	25030019	**Report Date:**	08/22/25

Case Narrative (continued)

Report Revision

August 22, 2025: At the client's request, the Client IDs were changed on L2544658-01 through -04.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics by SIM

L2544658-02D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Perfluorinated Alkyl Acids by 1633

L2544658-02: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (204%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (224%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2544658-02, -03, and -04: Containers were combined prior to extraction.

L2544658-03: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (197%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (146%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 08/22/25

ORGANICS

VOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 12:40
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.5		ug/l	5.0	1.5	1
Carbon disulfide	1.6	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	5.3		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 13:05
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.7		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.9		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 13:30
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.2		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	4.0		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.7		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 13:55
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	22		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	4.3		ug/l	2.5	0.70	1
Trichloroethene	10		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.22	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	29		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	112		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-05
Client ID: TRIP BLANK 7.16.25
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 00:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/25 14:20
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-05
Client ID: TRIP BLANK 7.16.25
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 00:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	114		70-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095890-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095890-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2095890-5					
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095890-3 WG2095890-4								
Methylene chloride	110		99		70-130	11		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	99		94		70-130	5		20
Dibromochloromethane	90		86		63-130	5		20
1,1,2-Trichloroethane	84		81		70-130	4		20
Tetrachloroethene	100		93		70-130	7		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	82		78		70-130	5		20
cis-1,3-Dichloropropene	89		82		70-130	8		20
Bromoform	84		79		54-136	6		20
1,1,2,2-Tetrachloroethane	86		82		67-130	5		20
Benzene	100		93		70-130	7		20
Toluene	100		94		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095890-3 WG2095890-4								
Ethylbenzene	100		96		70-130	4		20
Chloromethane	110		96		64-130	14		20
Bromomethane	120		95		39-139	**23**	Q	20
Vinyl chloride	100		86		55-140	15		20
Chloroethane	100		85		55-138	16		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	110		98		70-130	12		20
Trichloroethene	97		91		70-130	6		20
1,2-Dichlorobenzene	110		99		70-130	11		20
1,3-Dichlorobenzene	110		99		70-130	11		20
1,4-Dichlorobenzene	110		99		70-130	11		20
Methyl tert butyl ether	82		80		63-130	2		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	100		90		70-130	11		20
cis-1,2-Dichloroethene	110		99		70-130	11		20
Styrene	100		90		70-130	11		20
Dichlorodifluoromethane	120		98		36-147	20		20
Acetone	100		85		58-148	16		20
Carbon disulfide	120		100		51-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095890-3 WG2095890-4								
2-Butanone	91		77		63-138	17		20
4-Methyl-2-pentanone	**57**	Q	60		59-130	5		20
2-Hexanone	62		64		57-130	3		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	92		86		70-130	7		20
1,2-Dibromo-3-chloropropane	72		75		41-144	4		20
Isopropylbenzene	110		97		70-130	13		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		94		70-130	5		20
Methyl Acetate	100		93		70-130	7		20
Cyclohexane	100		92		70-130	8		20
1,4-Dioxane	64		62		56-162	3		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	99		86		70-130	14		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2095890-3 WG2095890-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	110		108		70-130

SEMIVOLATILES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/25 17:09
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	0.84	J	ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	1.3	J	ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.5	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	8.2		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	3.1		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	71		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 20:14
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.0		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.3		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.6		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.90		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.93		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.2		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.32		ug/l	0.10	0.03	1
Chrysene	0.92		ug/l	0.10	0.03	1
Acenaphthylene	0.49		ug/l	0.10	0.02	1
Anthracene	1.2		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.68		ug/l	0.10	0.02	1
Fluorene	1.8		ug/l	0.10	0.03	1
Phenanthrene	5.6		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.18		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.70		ug/l	0.10	0.02	1
Pyrene	2.1		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.85		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.05	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	68		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/25 17:34
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	3.3		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	91		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/23/25 14:39
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	370.		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/22/25 12:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.5		ng/l	5.76	0.475	1
Perfluoropentanoic Acid (PFPeA)	21.1		ng/l	2.88	0.324	1
Perfluorobutanesulfonic Acid (PFBS)	5.44		ng/l	1.44	0.360	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.76	0.821	1
Perfluorohexanoic Acid (PFHxA)	15.0		ng/l	1.44	0.223	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.44	0.187	1
Perfluoroheptanoic Acid (PFHpA)	6.67		ng/l	1.44	0.216	1
Perfluorohexanesulfonic Acid (PFHxS)	2.12		ng/l	1.44	0.122	1
Perfluorooctanoic Acid (PFOA)	36.1		ng/l	1.44	0.238	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.76	4.34	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.374	J	ng/l	1.44	0.180	1
Perfluorononanoic Acid (PFNA)	3.44		ng/l	1.44	0.238	1
Perfluorooctanesulfonic Acid (PFOS)	9.67		ng/l	1.44	0.238	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.44	0.187	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.76	1.10	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.44	0.180	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.44	0.432	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.44	0.158	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.44	0.122	1
Perfluorooctanesulfonamide (PFOSA)	0.086	JF	ng/l	1.44	0.086	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.44	0.432	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.44	0.194	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.44	0.166	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.44	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.11	J	ng/l	5.76	1.44	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.76	0.338	1

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.44	0.216	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.76	0.396	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.76	0.403	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.44	0.202	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.44	0.317	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.4	1.17	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.4	0.994	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.88	0.223	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.88	0.324	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.88	0.295	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.88	0.490	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.20	0.483	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.0	3.83	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.0	2.87	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	71		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**204**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**224**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	165		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	121		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		10-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02 D
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/25 10:48
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.5		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	0.96		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	7.6		ug/l	0.50	0.12	5
Benzo(a)anthracene	0.55		ug/l	0.50	0.15	5
Benzo(a)pyrene	0.43	J	ug/l	0.50	0.12	5
Benzo(b)fluoranthene	0.45	J	ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	0.22	J	ug/l	0.50	0.16	5
Acenaphthylene	ND		ug/l	0.50	0.10	5
Anthracene	ND		ug/l	0.50	0.12	5
Benzo(ghi)perylene	0.43	J	ug/l	0.50	0.12	5
Fluorene	0.18	J	ug/l	0.50	0.13	5
Phenanthrene	ND		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	0.31	J	ug/l	0.50	0.11	5
Pyrene	0.88		ug/l	0.50	0.21	5
2-Methylnaphthalene	ND		ug/l	0.50	0.14	5
Pentachlorophenol	ND		ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02 D
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	93		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/25 17:59
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.9	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	80.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	86		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 20:47
Analyst: RP

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	79		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/23/25 15:00
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/22/25 12:47
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.38		ng/l	5.91	0.488	1
Perfluoropentanoic Acid (PFPeA)	4.07		ng/l	2.96	0.332	1
Perfluorobutanesulfonic Acid (PFBS)	2.01		ng/l	1.48	0.369	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.91	0.842	1
Perfluorohexanoic Acid (PFHxA)	4.79		ng/l	1.48	0.229	1
Perfluoropentanesulfonic Acid (PFPeS)	1.12	J	ng/l	1.48	0.192	1
Perfluoroheptanoic Acid (PFHpA)	5.32		ng/l	1.48	0.222	1
Perfluorohexanesulfonic Acid (PFHxS)	4.48		ng/l	1.48	0.126	1
Perfluorooctanoic Acid (PFOA)	38.6		ng/l	1.48	0.244	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.91	4.45	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.185	1
Perfluorononanoic Acid (PFNA)	0.340	J	ng/l	1.48	0.244	1
Perfluorooctanesulfonic Acid (PFOS)	3.60		ng/l	1.48	0.244	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.192	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.91	1.13	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.185	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.443	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.126	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.089	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.443	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.199	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.170	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.148	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.91	1.48	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.91	0.347	1

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.222	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.91	0.406	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.91	0.414	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.207	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.325	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.02	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.96	0.229	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.96	0.332	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.96	0.303	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.96	0.502	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.39	0.495	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.9	3.93	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.9	2.94	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	158		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	187		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	191		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**197**	Q	40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**146**	Q	25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	53		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		10-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/25 18:24
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	45.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	64		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 21:04
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.05	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	70		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/23/25 15:22
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/22/25 12:56
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.52		ng/l	5.83	0.481	1
Perfluoropentanoic Acid (PFPeA)	8.86		ng/l	2.92	0.328	1
Perfluorobutanesulfonic Acid (PFBS)	2.65		ng/l	1.46	0.364	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.83	0.831	1
Perfluorohexanoic Acid (PFHxA)	10.9		ng/l	1.46	0.226	1
Perfluoropentanesulfonic Acid (PFPeS)	1.09	J	ng/l	1.46	0.190	1
Perfluoroheptanoic Acid (PFHpA)	10.3		ng/l	1.46	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	4.82		ng/l	1.46	0.124	1
Perfluorooctanoic Acid (PFOA)	57.3		ng/l	1.46	0.240	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.83	4.39	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.46	0.182	1
Perfluorononanoic Acid (PFNA)	0.240	J	ng/l	1.46	0.240	1
Perfluorooctanesulfonic Acid (PFOS)	2.54		ng/l	1.46	0.240	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.190	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.83	1.12	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.46	0.182	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	0.437	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.160	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.124	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.437	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.197	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.168	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.83	1.46	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.83	0.342	1

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.46	0.219	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.83	0.401	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.83	0.408	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.46	0.204	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.46	0.321	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.6	1.19	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.6	1.00	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.92	0.226	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.92	0.328	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.92	0.299	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.92	0.496	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.29	0.488	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.4	3.88	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.4	2.90	1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	60		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	59		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	59		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	155		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	57		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	58		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	48		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	51		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	148		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	63		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	62		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	58		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	116		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	43		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	41		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	25		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	57		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	35		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	32		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	35		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	31		10-130

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 02:08
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG2092160-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/25 02:08
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG2092160-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	82		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/25 11:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2092274-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/25 11:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2092274-1					
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/25 11:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2092274-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	75		41-149

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/23/25 13:14
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 02-04 Batch: WG2093014-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/22/25 11:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04 Batch: WG2093048-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/22/25 11:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04 Batch: WG2093048-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/22/25 11:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/21/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-04 Batch: WG2093048-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	52		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	55		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	50		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	45		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	55		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	52		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	48		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	49		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	45		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	47		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	46		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	45		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	48		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	46		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	50		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	44		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	44		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	42		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	48		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	35		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	50		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG2092160-2 WG2092160-3								
Acenaphthene	82		68		40-140	19		40
2-Chloronaphthalene	81		69		40-140	16		40
Fluoranthene	85		68		40-140	22		40
Hexachlorobutadiene	66		60		40-140	10		40
Naphthalene	73		65		40-140	12		40
Benzo(a)anthracene	91		72		40-140	23		40
Benzo(a)pyrene	107		85		40-140	23		40
Benzo(b)fluoranthene	104		82		40-140	24		40
Benzo(k)fluoranthene	100		80		40-140	22		40
Chrysene	87		70		40-140	22		40
Acenaphthylene	89		74		40-140	18		40
Anthracene	88		73		40-140	19		40
Benzo(ghi)perylene	117		92		40-140	24		40
Fluorene	86		71		40-140	19		40
Phenanthrene	84		69		40-140	20		40
Dibenzo(a,h)anthracene	108		86		40-140	23		40
Indeno(1,2,3-cd)pyrene	134		105		40-140	24		40
Pyrene	83		67		40-140	21		40
2-Methylnaphthalene	80		69		40-140	15		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG2092160-2 WG2092160-3								
Pentachlorophenol	116		92		40-140	23		40
Hexachlorobenzene	94		79		40-140	17		40
Hexachloroethane	69		62		40-140	11		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		60		21-120
Phenol-d6	49		43		10-120
Nitrobenzene-d5	103		96		23-120
2-Fluorobiphenyl	81		73		15-120
2,4,6-Tribromophenol	99		81		10-120
4-Terphenyl-d14	85		71		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2092274-2 WG2092274-3								
Bis(2-chloroethyl)ether	63		57		40-140	10		30
3,3'-Dichlorobenzidine	**37**	Q	48		40-140	26		30
2,4-Dinitrotoluene	75		64		48-143	16		30
2,6-Dinitrotoluene	75		64		40-140	16		30
4-Chlorophenyl phenyl ether	67		54		40-140	21		30
4-Bromophenyl phenyl ether	85		70		40-140	19		30
Bis(2-chloroisopropyl)ether	60		53		40-140	12		30
Bis(2-chloroethoxy)methane	65		56		40-140	15		30
Hexachlorocyclopentadiene	63		55		40-140	14		30
Isophorone	64		55		40-140	15		30
Nitrobenzene	66		57		40-140	15		30
NDPA/DPA	65		57		40-140	13		30
n-Nitrosodi-n-propylamine	63		56		29-132	12		30
Bis(2-ethylhexyl)phthalate	77		65		40-140	17		30
Butyl benzyl phthalate	91		78		40-140	15		30
Di-n-butylphthalate	73		63		40-140	15		30
Di-n-octylphthalate	93		78		40-140	18		30
Diethyl phthalate	69		58		40-140	17		30
Dimethyl phthalate	84		71		40-140	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2092274-2 WG2092274-3								
Biphenyl	68		60		40-140	13		30
4-Chloroaniline	46		41		40-140	11		30
2-Nitroaniline	67		55		52-143	20		30
3-Nitroaniline	66		56		25-145	16		30
4-Nitroaniline	77		64		51-143	18		30
Dibenzofuran	64		55		40-140	15		30
1,2,4,5-Tetrachlorobenzene	63		56		2-134	12		30
Acetophenone	65		58		39-129	11		30
2,4,6-Trichlorophenol	76		63		30-130	19		30
p-Chloro-m-cresol	73		58		23-97	23		30
2-Chlorophenol	69		60		27-123	14		30
2,4-Dichlorophenol	71		59		30-130	18		30
2,4-Dimethylphenol	58		47		30-130	21		30
2-Nitrophenol	82		80		30-130	2		30
4-Nitrophenol	45		33		10-80	**31**	Q	30
2,4-Dinitrophenol	127		101		20-130	23		30
4,6-Dinitro-o-cresol	119		98		20-164	19		30
Phenol	38		31		12-110	20		30
2-Methylphenol	60		52		30-130	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2092274-2 WG2092274-3								
3-Methylphenol/4-Methylphenol	63		51		30-130	21		30
2,4,5-Trichlorophenol	76		64		30-130	17		30
Carbazole	66		**54**	Q	55-144	20		30
Atrazine	95		85		40-140	11		30
Benzaldehyde	84		78		40-140	7		30
Caprolactam	48		41		10-130	16		30
2,3,4,6-Tetrachlorophenol	68		60		40-140	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		46		21-120
Phenol-d6	35		32		10-120
Nitrobenzene-d5	70		67		23-120
2-Fluorobiphenyl	63		59		15-120
2,4,6-Tribromophenol	89		76		10-120
4-Terphenyl-d14	69		58		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 02-04		Batch: WG2093014-2 WG2093014-3					
1,4-Dioxane	113		114		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	41		41		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	102		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	98		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	96		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	90		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	108		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	90		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	110		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	98		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		70-150	-		
Perfluorononanoic Acid (PFNA)	105		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	94		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	106		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	100		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	72		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	82		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	96		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	70		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	91		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	90		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	102		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	92		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	87		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	120		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	57		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	105		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	82		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	89		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	88		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	100		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	96		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	79		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	94		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	107				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	97				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-3								
Perfluorobutanoic Acid (PFBA)	98		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	95		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	97		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	105		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	99		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	90		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	100		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	98		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		70-150	-		
Perfluorononanoic Acid (PFNA)	100		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	84		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	98		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	91		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	76		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	87		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	99		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-3								
Perfluorodecanesulfonic Acid (PFDS)	70		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	94		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	103		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	106		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	85		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	102		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	116		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	64		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	85		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	86		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	84		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	86		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	92		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	81		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-04 Batch: WG2093048-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	65				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	66				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				10-130

PCBS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/19/25 13:59
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/19/25 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/19/25 14:09
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/19/25 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/19/25 14:18
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/19/25 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/19/25 14:27
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/19/25 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/19/25 13:03
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG2092485-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2092485-2 WG2092485-3									
Aroclor 1016	69		66		40-140	4		50	A
Aroclor 1260	72		72		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		64		30-150	A
Decachlorobiphenyl	60		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		64		30-150	B
Decachlorobiphenyl	56		48		30-150	B

PESTICIDES

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/22/25 17:50
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	30		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/22/25 18:02
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/24/25 10:10
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/23/25 13:52

Methylation Date: 07/24/25 03:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	75		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/22/25 18:14
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	0.016	JIP	ug/l	0.029	0.013	1	B
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/24/25 10:28
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/23/25 13:52

Methylation Date: 07/24/25 03:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	67		30-150	A
DCAA	69		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/22/25 18:26
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	0.041	IP	ug/l	0.029	0.013	1	B
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 601-607 UNION ST
Lab Number: L2544658
Project Number: 25030019
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	46		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/24/25 10:46
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/23/25 13:52

Methylation Date: 07/24/25 03:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	65		30-150	B

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/22/25 15:54
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2092235-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/22/25 15:54
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/18/25 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG2092235-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/24/25 08:40
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/22/25 23:28

Methylation Date: 07/24/25 03:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02-04 Batch: WG2093828-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2092235-2 WG2092235-3									
Delta-BHC	43		50		30-150	15		20	A
Lindane	67		77		30-150	14		20	A
Alpha-BHC	65		74		30-150	14		20	A
Beta-BHC	68		83		30-150	20		20	A
Heptachlor	62		76		30-150	**21**	Q	20	A
Aldrin	57		71		30-150	**22**	Q	20	A
Heptachlor epoxide	62		75		30-150	18		20	A
Endrin	64		78		30-150	20		20	A
Endrin aldehyde	54		62		30-150	13		20	A
Endrin ketone	75		85		30-150	13		20	A
Dieldrin	65		79		30-150	19		20	A
4,4'-DDE	60		75		30-150	**23**	Q	20	A
4,4'-DDD	67		81		30-150	19		20	A
4,4'-DDT	70		87		30-150	**22**	Q	20	A
Endosulfan I	60		73		30-150	19		20	A
Endosulfan II	65		77		30-150	18		20	A
Endosulfan sulfate	59		69		30-150	16		20	A
Methoxychlor	65		76		30-150	16		20	A
cis-Chlordane	58		69		30-150	17		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2092235-2 WG2092235-3									
trans-Chlordane	66		81		30-150	20		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		71		30-150	B
Decachlorobiphenyl	47		56		30-150	B
2,4,5,6-Tetrachloro-m-xylene	55		68		30-150	A
Decachlorobiphenyl	46		56		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG2093828-2 WG2093828-3									
2,4-D	72		74		30-150	3		25	A
2,4,5-T	80		82		30-150	2		25	A
2,4,5-TP (Silvex)	75		78		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		77		30-150	A
DCAA	84		85		30-150	B

METALS

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/16/25 15:50
Date Received: 07/16/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.54		mg/l	0.0100	0.00327	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Antimony, Total	0.00208	J	mg/l	0.00400	0.00042	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.01854		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Barium, Total	0.5536		mg/l	0.00500	0.00173	10	07/22/25 09:10	08/07/25 10:37	EPA 3005A	1,6020B	BLR
Beryllium, Total	0.00035	J	mg/l	0.00050	0.00010	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00032		mg/l	0.00020	0.00005	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Calcium, Total	266.		mg/l	0.100	0.0394	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Chromium, Total	0.01731		mg/l	0.00100	0.00017	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.01149		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Copper, Total	0.04001		mg/l	0.00100	0.00038	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Iron, Total	25.2		mg/l	0.0500	0.0191	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Lead, Total	0.5799		mg/l	0.01000	0.00343	10	07/22/25 09:10	08/07/25 10:37	EPA 3005A	1,6020B	BLR
Magnesium, Total	46.4		mg/l	0.0700	0.0242	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Manganese, Total	1.488		mg/l	0.00100	0.00044	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Mercury, Total	0.00300		mg/l	0.00020	0.00009	1	07/22/25 11:00	07/22/25 14:07	EPA 7470A	1,7470A	DJR
Nickel, Total	0.02284		mg/l	0.00200	0.00055	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Potassium, Total	58.1		mg/l	0.100	0.0309	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Selenium, Total	0.00407	J	mg/l	0.00500	0.00173	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Silver, Total	0.00112		mg/l	0.00040	0.00016	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Sodium, Total	540.		mg/l	5.00	0.293	10	07/22/25 09:10	08/07/25 10:37	EPA 3005A	1,6020B	BLR
Thallium, Total	0.00022	J	mg/l	0.00200	0.00014	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.01841		mg/l	0.00500	0.00157	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR
Zinc, Total	0.2819		mg/l	0.01000	0.00341	1	07/22/25 09:10	08/07/25 09:58	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-02
Client ID: 25MW-8
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/16/25 09:15
Date Received: 07/16/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.69		mg/l	0.0100	0.00327	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Antimony, Total	0.00076	J	mg/l	0.00400	0.00042	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.02326		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Barium, Total	0.3514		mg/l	0.00050	0.00017	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Beryllium, Total	0.00020	J	mg/l	0.00050	0.00010	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00019	J	mg/l	0.00020	0.00005	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Calcium, Total	83.2		mg/l	0.100	0.0394	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00735		mg/l	0.00100	0.00017	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00326		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Copper, Total	0.01961		mg/l	0.00100	0.00038	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Iron, Total	16.2		mg/l	0.0500	0.0191	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Lead, Total	0.3126		mg/l	0.01000	0.00343	10	07/22/25 09:10	08/07/25 11:19	EPA 3005A	1,6020B	BLR
Magnesium, Total	14.3		mg/l	0.0700	0.0242	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Manganese, Total	0.6781		mg/l	0.00100	0.00044	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Mercury, Total	0.00110		mg/l	0.00020	0.00009	1	07/22/25 11:00	07/22/25 22:06	EPA 7470A	1,7470A	RDB
Nickel, Total	0.00711		mg/l	0.00200	0.00055	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Potassium, Total	21.0		mg/l	0.100	0.0309	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Selenium, Total	0.00228	J	mg/l	0.00500	0.00173	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Silver, Total	0.00087		mg/l	0.00040	0.00016	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Sodium, Total	369.		mg/l	5.00	0.293	10	07/22/25 09:10	08/07/25 11:19	EPA 3005A	1,6020B	BLR
Thallium, Total	0.00016	J	mg/l	0.00200	0.00014	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00982		mg/l	0.00500	0.00157	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR
Zinc, Total	0.1664		mg/l	0.01000	0.00341	1	07/22/25 09:10	08/07/25 10:04	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-03
Client ID: 25B8DW
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/16/25 14:30
Date Received: 07/16/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.948		mg/l	0.0100	0.00327	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00926		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Barium, Total	0.1257		mg/l	0.00050	0.00017	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Calcium, Total	114.		mg/l	0.100	0.0394	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Chromium, Total	0.01038		mg/l	0.00100	0.00017	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00189		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Copper, Total	0.00356		mg/l	0.00100	0.00038	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Iron, Total	5.16		mg/l	0.0500	0.0191	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Lead, Total	0.00632		mg/l	0.00100	0.00034	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Magnesium, Total	62.8		mg/l	0.0700	0.0242	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Manganese, Total	1.175		mg/l	0.00100	0.00044	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 11:00	07/22/25 22:10	EPA 7470A	1,7470A	RDB
Nickel, Total	0.00486		mg/l	0.00200	0.00055	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Potassium, Total	17.6		mg/l	0.100	0.0309	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Sodium, Total	198.		mg/l	0.500	0.0293	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00200	0.00014	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00251	J	mg/l	0.00500	0.00157	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR
Zinc, Total	0.01354		mg/l	0.01000	0.00341	1	07/22/25 09:10	08/07/25 10:10	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

SAMPLE RESULTS

Lab ID: L2544658-04
Client ID: 25B10D
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/16/25 15:00
Date Received: 07/16/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.27		mg/l	0.0100	0.00327	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00130		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Barium, Total	0.1565		mg/l	0.00050	0.00017	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Beryllium, Total	0.00010	J	mg/l	0.00050	0.00010	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Calcium, Total	95.1		mg/l	0.100	0.0394	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00686		mg/l	0.00100	0.00017	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00203		mg/l	0.00050	0.00016	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Copper, Total	0.00670		mg/l	0.00100	0.00038	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Iron, Total	3.05		mg/l	0.0500	0.0191	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Lead, Total	0.00423		mg/l	0.00100	0.00034	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Magnesium, Total	69.1		mg/l	0.0700	0.0242	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Manganese, Total	0.2395		mg/l	0.00100	0.00044	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 11:00	07/22/25 22:13	EPA 7470A	1,7470A	RDB
Nickel, Total	0.00622		mg/l	0.00200	0.00055	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Potassium, Total	19.2		mg/l	0.100	0.0309	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Sodium, Total	234.		mg/l	0.500	0.0293	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00200	0.00014	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00479	J	mg/l	0.00500	0.00157	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR
Zinc, Total	0.02471		mg/l	0.01000	0.00341	1	07/22/25 09:10	08/07/25 10:15	EPA 3005A	1,6020B	BLR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2093368-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Manganese, Total	0.00070	J	mg/l	0.00100	0.00044	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Sodium, Total	ND		mg/l	0.500	0.0293	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/22/25 09:10	07/22/25 16:32	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2093369-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/22/25 11:00	07/22/25 13:53	1,7470A	DJR

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093368-2								
Aluminum, Total	103		-		80-120	-		
Antimony, Total	85		-		80-120	-		
Arsenic, Total	93		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	93		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	95		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	114		-		80-120	-		
Silver, Total	97		-		80-120	-		
Sodium, Total	96		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093368-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2093369-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093368-3 WG2093368-4 QC Sample: L2543650-11 Client ID: MS Sample												
Aluminum, Total	0.207	2	2.29	103		2.36	106		75-125	3		20
Antimony, Total	ND	0.5	0.4638	93		0.4522	90		75-125	3		20
Arsenic, Total	0.0033	0.12	0.1279	104		0.1271	103		75-125	1		20
Barium, Total	0.2190	2	2.222	100		2.183	98		75-125	2		20
Beryllium, Total	ND	0.05	0.05002	100		0.04978	100		75-125	0		20
Cadmium, Total	0.00018J	0.053	0.05267	99		0.05023	95		75-125	5		20
Calcium, Total	210.	10	218	**0**	Q	219	**0**	Q	75-125	0		20
Chromium, Total	0.0015	0.2	0.1920	95		0.2028	101		75-125	5		20
Cobalt, Total	0.0005	0.5	0.4667	93		0.4852	97		75-125	4		20
Copper, Total	0.0174	0.25	0.2416	90		0.2518	94		75-125	4		20
Iron, Total	1.36	1	2.12	76		2.27	91		75-125	7		20
Lead, Total	0.00119	0.53	0.5269	99		0.5441	102		75-125	3		20
Magnesium, Total	39.4	10	48.8	**57**	Q	49.7	**66**	Q	75-125	2		20
Manganese, Total	0.2364	0.5	0.7165	96		0.7521	103		75-125	5		20
Nickel, Total	0.0020	0.5	0.4896	98		0.4896	98		75-125	0		20
Potassium, Total	3.94	10	15.2	106		15.1	104		75-125	1		20
Selenium, Total	ND	0.12	0.132	110		0.136	113		75-125	3		20
Silver, Total	ND	0.05	0.04705	94		0.04734	95		75-125	1		20
Sodium, Total	107.	10	108	**0**	Q	114	**0**	Q	75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093368-3 WG2093368-4 QC Sample: L2543650-11 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.1262	105		0.1252	104		75-125	1		20
Vanadium, Total	0.0019J	0.5	0.4943	99		0.5066	101		75-125	2		20
Zinc, Total	0.0838	0.5	0.5854	100		0.6088	105		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093369-3 QC Sample: L2544658-01 Client ID: 25MW-4												
Mercury, Total	0.00300	0.005	0.00693	78		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2544658

Report Date: 08/22/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2093369-4 QC Sample: L2544658-01 Client ID: 25MW-4						
Mercury, Total	0.00300	0.00294	mg/l	2		20

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544658-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-01F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544658-01G	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2544658-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-02F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-02G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544658-02H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544658-02I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544658-02J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2544658-02K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-02L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-02M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-02N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-02O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-02P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-03F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-03G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-03H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544658-03I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544658-03J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2544658-03K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-03L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-03M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-03N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-03O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-03P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-04D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-04E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2544658-04F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-04G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2544658-04H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2544658-04I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2544658-04J	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2544658-04K	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-04L	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2544658-04M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-04N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2544658-04O	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-04P	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2544658-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2544658-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2544658
Report Date: 08/22/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	601-607 UNION ST	**Lab Number:**	L2544658
Project Number:	25030019	**Report Date:**	08/22/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544658
Project Number:	25030019	**Report Date:**	08/22/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601-607 UNION ST	**Lab Number:**	L2544658
Project Number:	25030019	**Report Date:**	08/22/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2544658
Report Date: 08/22/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 7/17/25

Pace Job #: L2544658

Project Information
- Project Name: 69-607 Union St
- Project Location: Brooklyn, NY
- Project #: 25030011
- (Use Project name as Project #): ☐
- Project Manager: Victor Chou, Esq. Honeyd
- PACE Quote #:

Client Information
- Client: Velita Consultants
- Address: 32 W 37th NY, NY
- Phone:
- Fax:
- Email:

Turn-Around Time
- Standard: ☒ Due Date:
- Rush (only if pre approved): ☐ # of Days:

Deliverables
- ☐ ASP-A ☒ ASP-B
- ☒ EQuIS (1 File) ☐ EQuIS (4 File)
- ☐ Other

Regulatory Requirement
- ☒ NY TOGS ☒ NY Part 375
- ☒ AWQ Standards ☐ NY CP-51
- ☐ NY Restricted Use ☐ Other
- ☐ NY Unrestricted Use
- ☐ NYC Sewer Discharge

Billing Information
- ☒ Same as Client Info
- PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
- ☐ NJ ☐ NY
- ☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
- ☐ Done
- ☐ Lab to do

Preservation
- ☐ Lab to do

(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	TCL Pest/PCB 8081/8082	Metals 6010	PCBs 8082	TAL Metals 6010/7470	1,4 Dioxane 8270	PFAS	Total Bottle	Sample Specific Comments
44658-01	MW-4	7/16/25	1550	GW	BN	X	X	X	X	X	X	X	X		
02	MW-8		0915			X	X	X	X	X	X	X	X		
03	B&DW		1430			X	X	X	X	X	X	X	X		
04	BLDP		1500			X	X	X	X	X	X	X	X		
05	Trip Blank 7.16.25		0925			X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type:
Preservative:

Relinquished By:	Date/Time	Received By:	Date/Time
	7/16/25 1630	WIH Pace	7/16/25 1630
WIH Pace	7/16/25 2000	Anthony Green	JUL 16 2025 2100
Anthony Green	7/17/25 0540		7/17/25 0540

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

ed 07171725-0540

Sample Delivery Group Summary

Pace Job Number : L2544658

Account Name : Vektor Consultants, LLC
Project Number : 25030010
Project Name : 601-603 UNION ST

Received : 16-JUL-2025
Reviewer : Kevin Law

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.1	
B	Absent/	Ice	4.1	
C	Absent/	Ice	3.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2607998
Client:	Vektor Consultants, LLC 555 8th Ave. New York, NY 10018
ATTN:	Alex Keenan
Phone:	(347) 871-0750
Project Name:	601 UNION ST
Project Number:	25030019
Report Date:	02/16/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607998-01	25MW-4	WATER	BROOKLYN, NY	02/12/26 16:50	02/12/26
L2607998-02	25MW-5	WATER	BROOKLYN, NY	02/12/26 13:42	02/12/26
L2607998-03	25MW-5-DUP	WATER	BROOKLYN, NY	02/12/26 13:45	02/12/26
L2607998-04	FB-2.12.26	WATER	BROOKLYN, NY	02/12/26 00:00	02/12/26
L2607998-05	MW-3	WATER	BROOKLYN, NY	02/12/26 15:05	02/12/26

Project Name:	601 UNION ST	**Lab Number:**	L2607998
Project Number:	25030019	**Report Date:**	02/16/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601 UNION ST	**Lab Number:**	L2607998
Project Number:	25030019	**Report Date:**	02/16/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2607998-01, -02 and -03: The Client ID and analyses performed were specified by the client.

L2607998-04: The containers for Metals were received empty; therefore, the analysis could not be performed.

L2607998-05: A sample identified as "MW-3" was received, but not listed on the chain of custody. At the client's request, this sample was not analyzed.

Total Metals

The WG2175410-3 MS recoveries performed on L2607998-01 are outside the acceptance criteria for antimony (57%) and selenium (29%). A post digestion spike was performed and was within acceptance criteria.

The WG2175410-3 MS recoveries performed on L2607998-01 are outside the acceptance criteria for barium (62%) and lead (59%). A post digestion spike was performed and yielded unacceptable recoveries for barium (22%) and lead (55%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG2175410-3 MS recoveries performed on L2607998-01 do not apply for calcium (420%), iron (0%), magnesium (68%), manganese (36%), and zinc (226%) because the sample concentrations are greater than four times the spike amounts added.

The WG2175410-4 Laboratory Duplicate RPD performed on L2607998-01 is outside the acceptance criteria for silver (28%) due to the non-homogeneous nature of the native sample.

Dissolved Metals

The WG2175718-3 MS recovery performed on L2607998-01 does not apply for calcium (20%) because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 02/16/26

METALS

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 16:50
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	23.9		mg/l	0.0100	0.00327	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Antimony, Total	0.00255	J	mg/l	0.00400	0.00042	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Arsenic, Total	0.05141		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Barium, Total	2.797		mg/l	0.00050	0.00017	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Beryllium, Total	0.00167		mg/l	0.00050	0.00010	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Cadmium, Total	0.00695		mg/l	0.00020	0.00005	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Calcium, Total	366.		mg/l	1.00	0.394	10	02/13/26 09:54	02/14/26 10:52	EPA 3005A	1,6020B	NDD
Chromium, Total	0.07903		mg/l	0.00100	0.00017	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Cobalt, Total	0.04233		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Copper, Total	0.2710		mg/l	0.00100	0.00038	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Iron, Total	80.6		mg/l	0.0500	0.0191	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Lead, Total	2.046		mg/l	0.00100	0.00034	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Magnesium, Total	42.7		mg/l	0.0700	0.0242	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Manganese, Total	2.626		mg/l	0.00100	0.00044	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Mercury, Total	0.00962		mg/l	0.00020	0.00009	1	02/13/26 10:31	02/13/26 15:27	EPA 7470A	1,7470A	CME
Nickel, Total	0.08349		mg/l	0.00200	0.00055	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Potassium, Total	35.4		mg/l	1.00	0.309	10	02/13/26 09:54	02/14/26 10:52	EPA 3005A	1,6020B	NDD
Selenium, Total	0.00520		mg/l	0.00500	0.00173	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Silver, Total	0.00172		mg/l	0.00040	0.00016	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Sodium, Total	354.		mg/l	5.00	0.293	10	02/13/26 09:54	02/14/26 10:52	EPA 3005A	1,6020B	NDD
Thallium, Total	0.00067	J	mg/l	0.00100	0.00014	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Vanadium, Total	0.1134		mg/l	0.00500	0.00157	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Zinc, Total	3.312		mg/l	0.01000	0.00341	1	02/13/26 09:54	02/14/26 10:13	EPA 3005A	1,6020B	NDD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00809	J	mg/l	0.0100	0.00327	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Antimony, Dissolved	0.00257	J	mg/l	0.00400	0.00042	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Arsenic, Dissolved	0.00211		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Barium, Dissolved	0.1471		mg/l	0.00050	0.00017	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-01
Client ID: 25MW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 16:50
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Calcium, Dissolved	345.		mg/l	5.00	1.97	50	02/14/26 17:17	02/15/26 18:10	EPA 3005A	1,6020B	DHL
Chromium, Dissolved	0.00066	J	mg/l	0.00100	0.00017	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Cobalt, Dissolved	0.00956		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Iron, Dissolved	0.211		mg/l	0.0500	0.0191	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Lead, Dissolved	0.00046	J	mg/l	0.00100	0.00034	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Magnesium, Dissolved	32.8		mg/l	3.50	1.21	50	02/14/26 17:17	02/15/26 18:10	EPA 3005A	1,6020B	DHL
Manganese, Dissolved	1.257		mg/l	0.05000	0.02200	50	02/14/26 17:17	02/15/26 18:10	EPA 3005A	1,6020B	DHL
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/14/26 17:57	02/15/26 18:22	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00891		mg/l	0.00200	0.00055	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Potassium, Dissolved	35.6		mg/l	0.100	0.0309	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Selenium, Dissolved	0.00338	J	mg/l	0.00500	0.00173	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Sodium, Dissolved	365.		mg/l	25.0	1.46	50	02/14/26 17:17	02/15/26 18:10	EPA 3005A	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL
Zinc, Dissolved	0.00732	J	mg/l	0.01000	0.00341	1	02/14/26 17:17	02/15/26 16:26	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-02
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 13:42
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.401		mg/l	0.0100	0.00327	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Arsenic, Total	0.00411		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Barium, Total	0.1799		mg/l	0.00050	0.00017	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Calcium, Total	113.		mg/l	0.100	0.0394	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Chromium, Total	0.00118		mg/l	0.00100	0.00017	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Cobalt, Total	0.00088		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Copper, Total	0.00454		mg/l	0.00100	0.00038	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Iron, Total	8.04		mg/l	0.0500	0.0191	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Lead, Total	0.02726		mg/l	0.00100	0.00034	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Magnesium, Total	20.2		mg/l	0.0700	0.0242	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Manganese, Total	1.773		mg/l	0.00100	0.00044	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/13/26 10:31	02/13/26 15:17	EPA 7470A	1,7470A	CME
Nickel, Total	0.00213		mg/l	0.00200	0.00055	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Potassium, Total	19.6		mg/l	1.00	0.309	10	02/13/26 09:54	02/14/26 11:15	EPA 3005A	1,6020B	NDD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Sodium, Total	450.		mg/l	5.00	0.293	10	02/13/26 09:54	02/14/26 11:15	EPA 3005A	1,6020B	NDD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Vanadium, Total	0.00254	J	mg/l	0.00500	0.00157	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Zinc, Total	0.01952		mg/l	0.01000	0.00341	1	02/13/26 09:54	02/14/26 10:37	EPA 3005A	1,6020B	NDD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Arsenic, Dissolved	0.00255		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Barium, Dissolved	0.09693		mg/l	0.00050	0.00017	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-02
Client ID: 25MW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 13:42
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Calcium, Dissolved	98.7		mg/l	0.100	0.0394	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Chromium, Dissolved	0.00038	J	mg/l	0.00100	0.00017	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Cobalt, Dissolved	0.00049	J	mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Iron, Dissolved	1.72		mg/l	0.0500	0.0191	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Magnesium, Dissolved	19.6		mg/l	3.50	1.21	50	02/14/26 17:17	02/15/26 19:41	EPA 3005A	1,6020B	DHL
Manganese, Dissolved	1.524		mg/l	0.05000	0.02200	50	02/14/26 17:17	02/15/26 19:41	EPA 3005A	1,6020B	DHL
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/14/26 17:57	02/15/26 18:25	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00103	J	mg/l	0.00200	0.00055	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Potassium, Dissolved	17.8		mg/l	0.100	0.0309	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Selenium, Dissolved	0.00196	J	mg/l	0.00500	0.00173	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Sodium, Dissolved	426.		mg/l	25.0	1.46	50	02/14/26 17:17	02/15/26 19:41	EPA 3005A	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL
Zinc, Dissolved	0.00530	J	mg/l	0.01000	0.00341	1	02/14/26 17:17	02/15/26 16:55	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-03
Client ID: 25MW-5-DUP
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 13:45
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.233		mg/l	0.0100	0.00327	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Arsenic, Total	0.00373		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Barium, Total	0.1694		mg/l	0.00050	0.00017	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Calcium, Total	109.		mg/l	0.100	0.0394	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Chromium, Total	0.00071	J	mg/l	0.00100	0.00017	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Cobalt, Total	0.00067		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Copper, Total	0.00281		mg/l	0.00100	0.00038	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Iron, Total	7.66		mg/l	0.0500	0.0191	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Lead, Total	0.01563		mg/l	0.00100	0.00034	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Magnesium, Total	19.6		mg/l	0.0700	0.0242	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Manganese, Total	1.756		mg/l	0.00100	0.00044	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Mercury, Total	0.00015	J	mg/l	0.00020	0.00009	1	02/13/26 10:31	02/13/26 16:15	EPA 7470A	1,7470A	CME
Nickel, Total	0.00166	J	mg/l	0.00200	0.00055	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Potassium, Total	18.9		mg/l	1.00	0.309	10	02/13/26 09:54	02/14/26 11:20	EPA 3005A	1,6020B	NDD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Sodium, Total	433.		mg/l	5.00	0.293	10	02/13/26 09:54	02/14/26 11:20	EPA 3005A	1,6020B	NDD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Vanadium, Total	0.00171	J	mg/l	0.00500	0.00157	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Zinc, Total	0.01222		mg/l	0.01000	0.00341	1	02/13/26 09:54	02/14/26 10:41	EPA 3005A	1,6020B	NDD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Arsenic, Dissolved	0.00233		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Barium, Dissolved	0.09695		mg/l	0.00050	0.00017	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

SAMPLE RESULTS

Lab ID: L2607998-03
Client ID: 25MW-5-DUP
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 02/12/26 13:45
Date Received: 02/12/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Calcium, Dissolved	99.5		mg/l	0.100	0.0394	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Chromium, Dissolved	0.00026	J	mg/l	0.00100	0.00017	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Cobalt, Dissolved	0.00045	J	mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Iron, Dissolved	1.65		mg/l	0.0500	0.0191	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Magnesium, Dissolved	19.7		mg/l	3.50	1.21	50	02/14/26 17:17	02/15/26 19:47	EPA 3005A	1,6020B	DHL
Manganese, Dissolved	1.504		mg/l	0.05000	0.02200	50	02/14/26 17:17	02/15/26 19:47	EPA 3005A	1,6020B	DHL
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/14/26 17:57	02/15/26 18:29	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00099	J	mg/l	0.00200	0.00055	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Potassium, Dissolved	18.0		mg/l	0.100	0.0309	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Sodium, Dissolved	408.		mg/l	25.0	1.46	50	02/14/26 17:17	02/15/26 19:47	EPA 3005A	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/14/26 17:17	02/15/26 17:00	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2175410-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Sodium, Total	ND		mg/l	0.500	0.0293	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/13/26 09:54	02/14/26 10:04	1,6020B	NDD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2175414-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/13/26 10:31	02/13/26 15:10	1,7470A	CME

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2175718-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Antimony, Dissolved	0.00046	J	mg/l	0.00400	0.00042	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Sodium, Dissolved	0.0594	J	mg/l	0.500	0.0293	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/14/26 17:17	02/15/26 16:15	1,6020B	DHL

Prep Information

Digestion Method: EPA 3005A

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2175720-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/14/26 17:50	02/15/26 18:05	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175410-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	94		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	101		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	90		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	101		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	89		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175410-2					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175414-2					
Mercury, Total	104	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175718-2					
Aluminum, Dissolved	101	-	80-120	-	
Antimony, Dissolved	102	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	101	-	80-120	-	
Cadmium, Dissolved	106	-	80-120	-	
Calcium, Dissolved	98	-	80-120	-	
Chromium, Dissolved	103	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	103	-	80-120	-	
Magnesium, Dissolved	94	-	80-120	-	
Manganese, Dissolved	102	-	80-120	-	
Nickel, Dissolved	103	-	80-120	-	
Potassium, Dissolved	95	-	80-120	-	
Selenium, Dissolved	114	-	80-120	-	
Silver, Dissolved	102	-	80-120	-	
Sodium, Dissolved	98	-	80-120	-	
Thallium, Dissolved	101	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175718-2					
Zinc, Dissolved	105	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2175720-2					
Mercury, Dissolved	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-3 QC Sample: L2607998-01 Client ID: 25MW-4												
Aluminum, Total	23.9	2	25.6	85		-	-		75-125	-		
Antimony, Total	0.00255J	0.5	0.2865	**57**	Q	-	-		75-125	-		
Arsenic, Total	0.05141	0.12	0.1668	96		-	-		75-125	-		
Barium, Total	2.797	2	4.035	**62**	Q	-	-		75-125	-		
Beryllium, Total	0.00167	0.05	0.04768	92		-	-		75-125	-		
Cadmium, Total	0.00695	0.053	0.05793	96		-	-		75-125	-		
Calcium, Total	366.	10	408	**420**	Q	-	-		75-125	-		
Chromium, Total	0.07903	0.2	0.2660	93		-	-		75-125	-		
Cobalt, Total	0.04233	0.5	0.5191	95		-	-		75-125	-		
Copper, Total	0.2710	0.25	0.5312	104		-	-		75-125	-		
Iron, Total	80.6	1	72.0	**0**	Q	-	-		75-125	-		
Lead, Total	2.046	0.53	2.359	**59**	Q	-	-		75-125	-		
Magnesium, Total	42.7	10	49.5	**68**	Q	-	-		75-125	-		
Manganese, Total	2.626	0.5	2.808	**36**	Q	-	-		75-125	-		
Nickel, Total	0.08349	0.5	0.5703	97		-	-		75-125	-		
Potassium, Total	35.4	10	47.9	125		-	-		75-125	-		
Selenium, Total	0.00520	0.12	0.0404J	**29**	Q	-	-		75-125	-		
Silver, Total	0.00172	0.05	0.04776	92		-	-		75-125	-		
Sodium, Total	354.	10	364	100		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-3 QC Sample: L2607998-01 Client ID: 25MW-4												
Thallium, Total	0.00067J	0.12	0.1204	100		-	-		75-125	-		
Vanadium, Total	0.1134	0.5	0.6024	98		-	-		75-125	-		
Zinc, Total	3.312	0.5	4.443	**226**	Q	-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175414-3 QC Sample: L2607998-02 Client ID: 25MW-5												
Mercury, Total	ND	0.005	0.00497	99		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175718-3 QC Sample: L2607998-01 Client ID: 25MW-4												
Aluminum, Dissolved	0.00809J	2	2.00	100		-	-		75-125	-		
Antimony, Dissolved	0.00257J	0.5	0.5119	102		-	-		75-125	-		
Arsenic, Dissolved	0.00211	0.12	0.1228	100		-	-		75-125	-		
Barium, Dissolved	0.1471	2	2.184	102		-	-		75-125	-		
Beryllium, Dissolved	ND	0.05	0.04966	99		-	-		75-125	-		
Cadmium, Dissolved	ND	0.053	0.05290	100		-	-		75-125	-		
Calcium, Dissolved	345.	10	347	**20**	Q	-	-		75-125	-		
Chromium, Dissolved	0.00066J	0.2	0.1993	100		-	-		75-125	-		
Cobalt, Dissolved	0.00956	0.5	0.5028	99		-	-		75-125	-		
Copper, Dissolved	ND	0.25	0.2494	100		-	-		75-125	-		
Iron, Dissolved	0.211	1	1.25	104		-	-		75-125	-		
Lead, Dissolved	0.00046J	0.53	0.5397	102		-	-		75-125	-		
Magnesium, Dissolved	32.8	10	42.4	96		-	-		75-125	-		
Manganese, Dissolved	1.257	0.5	1.733	95		-	-		75-125	-		
Nickel, Dissolved	0.00891	0.5	0.5066	100		-	-		75-125	-		
Potassium, Dissolved	35.6	10	45.2	96		-	-		75-125	-		
Selenium, Dissolved	0.00338J	0.12	0.132	110		-	-		75-125	-		
Silver, Dissolved	ND	0.05	0.04972	99		-	-		75-125	-		
Sodium, Dissolved	365.	10	374	90		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175718-3 QC Sample: L2607998-01 Client ID: 25MW-4												
Thallium, Dissolved	ND	0.12	0.1211	101		-	-		75-125	-		
Vanadium, Dissolved	ND	0.5	0.5125	102		-	-		75-125	-		
Zinc, Dissolved	0.00732J	0.5	0.5000	100		-	-		75-125	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175720-3 QC Sample: L2608169-01 Client ID: MS Sample												
Mercury, Dissolved	ND	0.005	0.00494	99		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Aluminum, Total	23.9	21.5	mg/l	11		20
Antimony, Total	0.00255J	0.00243J	mg/l	NC		20
Arsenic, Total	0.05141	0.04785	mg/l	7		20
Barium, Total	2.797	2.562	mg/l	9		20
Beryllium, Total	0.00167	0.00163	mg/l	2		20
Cadmium, Total	0.00695	0.00652	mg/l	6		20
Chromium, Total	0.07903	0.07269	mg/l	8		20
Cobalt, Total	0.04233	0.04134	mg/l	2		20
Copper, Total	0.2710	0.2563	mg/l	6		20
Iron, Total	80.6	79.1	mg/l	2		20
Lead, Total	2.046	1.884	mg/l	8		20
Magnesium, Total	42.7	40.5	mg/l	5		20
Manganese, Total	2.626	2.609	mg/l	1		20
Nickel, Total	0.08349	0.08004	mg/l	4		20
Selenium, Total	0.00520	0.00487J	mg/l	NC		20
Silver, Total	0.00172	0.00130	mg/l	**28**	Q	20
Thallium, Total	0.00067J	0.00061J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Vanadium, Total	0.1134	0.1064	mg/l	6		20
Zinc, Total	3.312	3.203	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Calcium, Total	366.	408	mg/l	11		20
Potassium, Total	35.4	38.3	mg/l	8		20
Sodium, Total	354.	366	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175414-4 QC Sample: L2607998-02 Client ID: 25MW-5						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175718-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Aluminum, Dissolved	0.00809J	0.00450J	mg/l	NC		20
Antimony, Dissolved	0.00257J	0.00250J	mg/l	NC		20
Arsenic, Dissolved	0.00211	0.00218	mg/l	3		20
Barium, Dissolved	0.1471	0.1500	mg/l	2		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Chromium, Dissolved	0.00066J	0.00063J	mg/l	NC		20
Cobalt, Dissolved	0.00956	0.00968	mg/l	1		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	0.211	0.204	mg/l	3		20
Lead, Dissolved	0.00046J	0.00061J	mg/l	NC		20
Nickel, Dissolved	0.00891	0.00888	mg/l	0		20
Potassium, Dissolved	35.6	35.2	mg/l	1		20
Selenium, Dissolved	0.00338J	0.00347J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Thallium, Dissolved	ND	ND	mg/l	NC		20
Vanadium, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175718-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Zinc, Dissolved	0.00732J	0.00744J	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175718-4 QC Sample: L2607998-01 Client ID: 25MW-4						
Calcium, Dissolved	345.	349	mg/l	1		20
Magnesium, Dissolved	32.8	34.3	mg/l	4		20
Manganese, Dissolved	1.257	1.266	mg/l	1		20
Sodium, Dissolved	365.	371	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175720-4 QC Sample: L2608169-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: 601 UNION ST
Project Number: 25030019

Lab Serial Dilution Analysis

Batch Quality Control

Lab Number: L2607998
Report Date: 02/16/26

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2175410-6 QC Sample: L2607998-01 Client ID: 25MW-4						
Barium, Total	2.797	2.506	mg/l	10		20
Lead, Total	2.046	1.930	mg/l	6		20

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607998-01A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2607998-01B	Plastic 250ml unpreserved	NA	NA			Y	Absent		-
L2607998-01X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2607998-02A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2607998-02B	Plastic 250ml unpreserved	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607998-02X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2607998-03A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2607998-03B	Plastic 250ml unpreserved	NA	NA			Y	Absent		-
L2607998-03X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2607998-04A	Plastic 250ml unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2607998-04B	Plastic 250ml HNO3 preserved	NA	NA	NA		Y	Absent		ARCHIVE()
L2607998-05A	Plastic 250ml unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2607998-05B	Plastic 250ml HNO3 preserved	NA	NA	NA		Y	Absent		ARCHIVE()

Container Comments

*Values in parentheses indicate holding time in days

Project Name: 601 UNION ST
Project Number: 25030019

Lab Number: L2607998
Report Date: 02/16/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Container Comments

L2607998-04A	Container Received Empty.
L2607998-04B	Container Received Empty.
L2607998-05A	Container Received Empty, sample not requested on coc.
L2607998-05B	Container Received Empty, sample not requested on coc.

*Values in parentheses indicate holding time in days

Project Name:	601 UNION ST	**Lab Number:**	L2607998
Project Number:	25030019	**Report Date:**	02/16/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION ST	**Lab Number:**	L2607998
Project Number:	25030019	**Report Date:**	02/16/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION ST	**Lab Number:**	L2607998
Project Number:	25030019	**Report Date:**	02/16/26

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601 UNION ST
Project Number: 25030019
Lab Number: L2607998
Report Date: 02/16/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/13/26

L2607998
VEKTORCON

Client Information

Client: Vektor Consultants
Address: 555 8th Ave, Ste 2202 NY, NY
Phone:
Fax:
Email: aheeran@vektorcon.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 60 Union St (250300147)
Project Location: NY
Project #: 250300147
Project Manager: Alex Keeran
Pace Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing

☐ Same as Client info PO #: 250300147

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: Total Dissolved Metals (Calcium)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☒ Lab to do
(Please specify below)

Pace Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total # Bottles	Sample Specific Comments
07998-01	MW-4	2/12/26	1650	GW	BN	X	
-02	MW-5	1	1342	1	1	X	
-03	MW-5-DUP	1	1345	1	1	X	
-04	FB-2.12.26	1		1	1	X	

Container Type																							
Preservative																							

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible] TPS	2/12/26 1705	[illegible]	2/12/26 1705
[illegible]	2/13/26 1840	[illegible]	2/13/26 18:50
[illegible]	2/13/26	[illegible] 2/13 100	2/12 2200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

02/13/26-0100

FORM NO: 01-01 (rev. 25-FEB-25)

Sample Delivery Group Summary

Pace Job Number : L2607998

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601 UNION ST

Received : 12-FEB-2026
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.0	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **YES**
Following additional samples were received: -05

3) Are there any sample container discrepancies? **YES**
L2607998-04A (ARCHIVE) was received in inappropriate container.
L2607998-04B (ARCHIVE) was received in inappropriate container.
L2607998-05A (ARCHIVE) was received in inappropriate container.
L2607998-05B (ARCHIVE) was received in inappropriate container.

4) Are there any discrepancies between COC & sample labels? **NO**

5) Are samples in appropriate containers for requested analysis? **NO**
Please refer to information noted in Question 3 above.

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NA**

Comments

L2607998-04A Container Received Empty.

Sample Delivery Group Summary

Pace Job Number	: L2607998	Received	: 12-FEB-2026
		Reviewer	: Ryan Morrissey
Account Name	: Vektor Consultants, LLC		
Project Number	: 25030019		
Project Name	: 601 UNION ST		

L2607998-04B Container Received Empty.
L2607998-05A Container Received Empty, sample not requested on coc.
L2607998-05B Container Received Empty, sample not requested on coc.

ANALYTICAL REPORT

Lab Number:	L2608427
Client:	Vektor Consultants, LLC 555 8th Ave. New York, NY 10018
ATTN:	Alex Keenan
Phone:	(347) 871-0750
Project Name:	601 UNION ST (25030019)
Project Number:	25030019
Report Date:	02/18/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2608427-01	25MW-7	WATER	NY	02/16/26 13:15	02/16/26
L2608427-02	FB-2.16.26	WATER	NY	02/16/26 13:20	02/16/26

Project Name:	601 UNION ST (25030019)	**Lab Number:**	L2608427
Project Number:	25030019	**Report Date:**	02/18/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	601 UNION ST (25030019)	**Lab Number:**	L2608427
Project Number:	25030019	**Report Date:**	02/18/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2608427-01: The Client ID was specified by the client.

Total Metals

The WG2176372-3 MS recoveries performed on L2608427-01 do not apply for calcium (130%) and iron (160%) because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 02/18/26

METALS

Project Name: 601 UNION ST (25030019) **Lab Number:** L2608427

Project Number: 25030019 **Report Date:** 02/18/26

SAMPLE RESULTS

Lab ID: L2608427-01 Date Collected: 02/16/26 13:15

Client ID: 25MW-7 Date Received: 02/16/26

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0856		mg/l	0.0118	0.00327	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Arsenic, Total	0.01031		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Barium, Total	0.1840		mg/l	0.00050	0.00017	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Calcium, Total	130.		mg/l	0.100	0.0394	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Chromium, Total	0.00054	J	mg/l	0.00100	0.00017	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Cobalt, Total	0.00060		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Copper, Total	0.00124		mg/l	0.00100	0.00038	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Iron, Total	15.8		mg/l	0.0500	0.0191	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Lead, Total	0.00415		mg/l	0.00100	0.00034	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Magnesium, Total	20.0		mg/l	0.0700	0.0242	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Manganese, Total	0.6503		mg/l	0.00100	0.00044	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	02/17/26 08:29	02/17/26 11:55	EPA 7470A	1,7470A	ALC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Potassium, Total	10.2		mg/l	0.100	0.0309	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Sodium, Total	72.3		mg/l	5.00	0.293	10	02/17/26 07:43	02/17/26 16:49	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Vanadium, Total	0.00159	J	mg/l	0.00500	0.00157	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Zinc, Total	0.01010		mg/l	0.01000	0.00341	1	02/17/26 07:43	02/17/26 12:31	EPA 3005A	1,6020B	DHL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Arsenic, Dissolved	0.00583		mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Barium, Dissolved	0.1107		mg/l	0.00050	0.00017	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST (25030019)
Lab Number: L2608427
Project Number: 25030019
Report Date: 02/18/26

SAMPLE RESULTS

Lab ID: L2608427-01
Client ID: 25MW-7
Sample Location: NY
Date Collected: 02/16/26 13:15
Date Received: 02/16/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Calcium, Dissolved	140.		mg/l	0.100	0.0394	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Chromium, Dissolved	0.00019	J	mg/l	0.00100	0.00017	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Cobalt, Dissolved	0.00049	J	mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Iron, Dissolved	7.23		mg/l	0.0500	0.0191	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Magnesium, Dissolved	22.0		mg/l	0.0700	0.0242	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Manganese, Dissolved	0.6487		mg/l	0.00100	0.00044	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/18/26 04:29	02/18/26 10:10	EPA 7470A	1,7470A	RDB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Potassium, Dissolved	11.1		mg/l	0.100	0.0309	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Sodium, Dissolved	75.6		mg/l	0.500	0.0293	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/18/26 03:51	02/18/26 08:42	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST (25030019) **Lab Number:** L2608427

Project Number: 25030019 **Report Date:** 02/18/26

SAMPLE RESULTS

Lab ID: L2608427-02 Date Collected: 02/16/26 13:20

Client ID: FB-2.16.26 Date Received: 02/16/26

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0118	0.00327	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/17/26 08:29	02/17/26 12:22	EPA 7470A	1,7470A	ALC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Sodium, Total	0.162	J	mg/l	0.500	0.0293	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Zinc, Total	0.00448	J	mg/l	0.01000	0.00341	1	02/17/26 07:43	02/17/26 13:48	EPA 3005A	1,6020B	DHL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST (25030019)
Project Number: 25030019
Lab Number: L2608427
Report Date: 02/18/26

SAMPLE RESULTS

Lab ID: L2608427-02
Client ID: FB-2.16.26
Sample Location: NY
Sample Depth:
Matrix: Water

Date Collected: 02/16/26 13:20
Date Received: 02/16/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Calcium, Dissolved	0.0424	J	mg/l	0.100	0.0394	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00017	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Copper, Dissolved	0.00053	J	mg/l	0.00100	0.00038	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Iron, Dissolved	0.0324	J	mg/l	0.0500	0.0191	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Lead, Dissolved	0.00042	J	mg/l	0.00100	0.00034	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/18/26 04:29	02/18/26 10:13	EPA 7470A	1,7470A	RDB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Sodium, Dissolved	0.187	J	mg/l	0.500	0.0293	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/18/26 03:51	02/18/26 08:47	EPA 3005A	1,6020B	DHL

Project Name: 601 UNION ST (25030019) **Lab Number:** L2608427

Project Number: 25030019 **Report Date:** 02/18/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2176372-1										
Aluminum, Total	ND		mg/l	0.0118	0.00327	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Sodium, Total	0.0461	J	mg/l	0.500	0.0293	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/17/26 07:43	02/17/26 12:19	1,6020B	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2176373-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/17/26 08:29	02/17/26 11:49	1,7470A	ALC

Project Name: 601 UNION ST (25030019) **Lab Number:** L2608427

Project Number: 25030019 **Report Date:** 02/18/26

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2176375-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Sodium, Dissolved	ND		mg/l	0.500	0.0293	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/18/26 03:51	02/18/26 08:09	1,6020B	DHL

Prep Information

Digestion Method: EPA 3005A

Project Name: 601 UNION ST (25030019)
Project Number: 25030019
Lab Number: L2608427
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2176378-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/18/26 04:29	02/18/26 09:49	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176372-2								
Aluminum, Total	94		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	107		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	90		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	105		-		80-120	-		
Potassium, Total	89		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	96		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	106		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176372-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176373-2					
Mercury, Total	100	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176375-2					
Aluminum, Dissolved	102	-	80-120	-	
Antimony, Dissolved	97	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	96	-	80-120	-	
Cadmium, Dissolved	103	-	80-120	-	
Calcium, Dissolved	109	-	80-120	-	
Chromium, Dissolved	104	-	80-120	-	
Cobalt, Dissolved	104	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Iron, Dissolved	104	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	94	-	80-120	-	
Manganese, Dissolved	105	-	80-120	-	
Nickel, Dissolved	107	-	80-120	-	
Potassium, Dissolved	99	-	80-120	-	
Selenium, Dissolved	102	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	99	-	80-120	-	
Thallium, Dissolved	96	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176375-2					
Zinc, Dissolved	109	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2176378-2					
Mercury, Dissolved	89	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176372-3 QC Sample: L2608427-01 Client ID: 25MW-7												
Aluminum, Total	0.0856	2	2.06	99		-	-		75-125	-		
Antimony, Total	ND	0.5	0.5203	104		-	-		75-125	-		
Arsenic, Total	0.01031	0.12	0.1279	98		-	-		75-125	-		
Barium, Total	0.1840	2	2.243	103		-	-		75-125	-		
Beryllium, Total	ND	0.05	0.04993	100		-	-		75-125	-		
Cadmium, Total	ND	0.053	0.05413	102		-	-		75-125	-		
Calcium, Total	130.	10	143	**130**	Q	-	-		75-125	-		
Chromium, Total	0.00054J	0.2	0.2084	104		-	-		75-125	-		
Cobalt, Total	0.00060	0.5	0.5182	104		-	-		75-125	-		
Copper, Total	0.00124	0.25	0.2626	104		-	-		75-125	-		
Iron, Total	15.8	1	17.4	**160**	Q	-	-		75-125	-		
Lead, Total	0.00415	0.53	0.5390	101		-	-		75-125	-		
Magnesium, Total	20.0	10	29.5	95		-	-		75-125	-		
Manganese, Total	0.6503	0.5	1.164	103		-	-		75-125	-		
Nickel, Total	ND	0.5	0.5284	106		-	-		75-125	-		
Potassium, Total	10.2	10	19.4	92		-	-		75-125	-		
Selenium, Total	ND	0.12	0.106	88		-	-		75-125	-		
Silver, Total	ND	0.05	0.05031	101		-	-		75-125	-		
Sodium, Total	72.3	10	83.3	110		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176372-3 QC Sample: L2608427-01 Client ID: 25MW-7												
Thallium, Total	ND	0.12	0.1201	100		-	-		75-125	-		
Vanadium, Total	0.00159J	0.5	0.5307	106		-	-		75-125	-		
Zinc, Total	0.01010	0.5	0.5329	104		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176373-3 QC Sample: L2608427-01 Client ID: 25MW-7												
Mercury, Total	0.00010J	0.005	0.00487	98		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176375-3 QC Sample: L2608422-01 Client ID: MS Sample												
Aluminum, Dissolved	ND	2	1.91	96		-	-		75-125	-		
Antimony, Dissolved	ND	0.5	0.5124	102		-	-		75-125	-		
Arsenic, Dissolved	0.00130	0.12	0.1204	99		-	-		75-125	-		
Barium, Dissolved	0.4002	2	2.390	99		-	-		75-125	-		
Beryllium, Dissolved	ND	0.05	0.04678	94		-	-		75-125	-		
Cadmium, Dissolved	ND	0.053	0.05206	98		-	-		75-125	-		
Calcium, Dissolved	256.	10	256	**0**	Q	-	-		75-125	-		
Chromium, Dissolved	0.00038J	0.2	0.2042	102		-	-		75-125	-		
Cobalt, Dissolved	0.00060	0.5	0.5012	100		-	-		75-125	-		
Copper, Dissolved	ND	0.25	0.2544	102		-	-		75-125	-		
Iron, Dissolved	5.92	1	6.81	89		-	-		75-125	-		
Lead, Dissolved	ND	0.53	0.5412	102		-	-		75-125	-		
Magnesium, Dissolved	38.0	10	43.0	**50**	Q	-	-		75-125	-		
Manganese, Dissolved	1.234	0.5	1.688	91		-	-		75-125	-		
Nickel, Dissolved	0.00131J	0.5	0.5076	102		-	-		75-125	-		
Potassium, Dissolved	37.6	10	43.6	**60**	Q	-	-		75-125	-		
Selenium, Dissolved	ND	0.12	0.112	93		-	-		75-125	-		
Silver, Dissolved	ND	0.05	0.04956	99		-	-		75-125	-		
Sodium, Dissolved	234.	10	252	**180**	Q	-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176375-3 QC Sample: L2608422-01 Client ID: MS Sample												
Thallium, Dissolved	ND	0.12	0.1174	98		-	-		75-125	-		
Vanadium, Dissolved	ND	0.5	0.5213	104		-	-		75-125	-		
Zinc, Dissolved	0.00447J	0.5	0.4999	100		-	-		75-125	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176378-3 QC Sample: L2608422-01 Client ID: MS Sample												
Mercury, Dissolved	ND	0.005	0.00481	96		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST (25030019)

Project Number: 25030019

Lab Number: L2608427

Report Date: 02/18/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176372-4 QC Sample: L2608427-01 Client ID: 25MW-7						
Aluminum, Total	0.0856	0.0818	mg/l	5		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.01031	0.01019	mg/l	1		20
Barium, Total	0.1840	0.1842	mg/l	0		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	130.	130	mg/l	0		20
Chromium, Total	0.00054J	0.00051J	mg/l	NC		20
Cobalt, Total	0.00060	0.00055	mg/l	7		20
Copper, Total	0.00124	0.00123	mg/l	1		20
Iron, Total	15.8	15.7	mg/l	1		20
Lead, Total	0.00415	0.00428	mg/l	3		20
Magnesium, Total	20.0	19.5	mg/l	3		20
Manganese, Total	0.6503	0.6452	mg/l	1		20
Nickel, Total	ND	0.00064J	mg/l	NC		20
Potassium, Total	10.2	10.2	mg/l	0		20
Selenium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST (25030019)

Project Number: 25030019

Lab Number: L2608427

Report Date: 02/18/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176372-4 QC Sample: L2608427-01 Client ID: 25MW-7						
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Vanadium, Total	0.00159J	0.00159J	mg/l	NC		20
Zinc, Total	0.01010	0.00988J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176372-4 QC Sample: L2608427-01 Client ID: 25MW-7						
Sodium, Total	72.3	69.1	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176373-4 QC Sample: L2608427-01 Client ID: 25MW-7						
Mercury, Total	0.00010J	0.00010J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176375-4 QC Sample: L2608422-01 Client ID: DUP Sample						
Aluminum, Dissolved	ND	ND	mg/l	NC		20
Antimony, Dissolved	ND	ND	mg/l	NC		20
Arsenic, Dissolved	0.00130	0.00127	mg/l	3		20
Barium, Dissolved	0.4002	0.4022	mg/l	0		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	256.	265	mg/l	3		20
Chromium, Dissolved	0.00038J	0.00037J	mg/l	NC		20
Cobalt, Dissolved	0.00060	0.00061	mg/l	1		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	5.92	5.96	mg/l	1		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	38.0	37.8	mg/l	1		20
Manganese, Dissolved	1.234	1.256	mg/l	2		20
Nickel, Dissolved	0.00131J	0.00132J	mg/l	NC		20
Potassium, Dissolved	37.6	38.2	mg/l	2		20
Selenium, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 601 UNION ST (25030019)

Project Number: 25030019

Lab Number: L2608427

Report Date: 02/18/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176375-4 QC Sample: L2608422-01 Client ID: DUP Sample						
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	234.	234	mg/l	0		20
Thallium, Dissolved	ND	ND	mg/l	NC		20
Vanadium, Dissolved	ND	ND	mg/l	NC		20
Zinc, Dissolved	0.00447J	0.00456J	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2176378-4 QC Sample: L2608422-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2608427-01A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2608427-01B	Plastic 250ml unpreserved	NA	NA			Y	Absent		-
L2608427-01X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2608427-02A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2608427-02B	Plastic 250ml unpreserved	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 601 UNION ST (25030019)
Project Number: 25030019

Lab Number: L2608427
Report Date: 02/18/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2608427-02X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name:	601 UNION ST (25030019)	**Lab Number:**	L2608427
Project Number:	25030019	**Report Date:**	02/18/26

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION ST (25030019)	**Lab Number:**	L2608427
Project Number:	25030019	**Report Date:**	02/18/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	601 UNION ST (25030019)	**Lab Number:**	L2608427
Project Number:	25030019	**Report Date:**	02/18/26

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601 UNION ST (25030019) **Lab Number:** L2608427

Project Number: 25030019 **Report Date:** 02/18/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 02/16/26

L2608427
VEKTORCON

Client Information

Client: Vektor Consultants
Address: 555 8th Ave, Ste 2302
NY, NY
Phone:
Fax:
Email: aheera@vektorconsultants.com

Project Information

Project Name: 601 Union Street (25030019)
Project Location: NY
Project #: 25030019
(Use Project name as Project #) ☐
Project Manager: Alex Heera
PACE Quote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO # 25030019

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL + CP-51 Metals 6010/7470

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☒ Lab to do
(Please Specify below)

Total Bottle

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 Metals 6010/7470	Sample Specific Comments
08427-01	26MW-7	2/16/26	1315	GW	BN	X	
-02	FB-2.16.26	↓	1320		↓	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type												
Preservative												

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/16/26 1345	[signature]	2/16/26 13:48
[signature]	2/16/26 17:00	[signature]	2/16/26 17:24
[signature]	2/16/26 22:55	[signature]	2/16/26 21:00
			2/16/26 2255

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2608427

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601 UNION ST (25030019)

Received : 16-FEB-2026
Reviewer : Owen Jefferson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.2	
B	Absent/	Ice	3.2	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX K

LABORATORY ANALYTICAL REPORTS FOR SOIL VAPOR SAMPLES

ANALYTICAL REPORT

Lab Number:	L2542672
Client:	Vektor Consultants, LLC 37 West 37th Street 6th Floor New York, NY 10018
ATTN:	Ezgi Karayel
Phone:	(347) 871-0750
Project Name:	601-607 UNION ST
Project Number:	25030019
Report Date:	07/23/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NH ELAP (2249).

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2542672-01	25 SV-1	SOIL_VAPOR	BKLYN, NY	07/08/25 20:06	07/09/25
L2542672-02	25 SV-2	SOIL_VAPOR	BKLYN, NY	07/08/25 20:09	07/09/25
L2542672-03	25 SV-3	SOIL_VAPOR	BKLYN, NY	07/08/25 20:02	07/09/25
L2542672-04	25 SV-4	SOIL_VAPOR	BKLYN, NY	07/08/25 20:03	07/09/25
L2542672-05	25 SS-1	SOIL_VAPOR	BKLYN, NY	07/08/25 20:22	07/09/25
L2542672-06	25 AI-1	AIR	BKLYN, NY	07/08/25 20:08	07/09/25
L2542672-07	25 DUP-1	SOIL_VAPOR	BKLYN, NY	07/08/25 20:26	07/09/25

Project Name:	601-607 UNION ST	**Lab Number:**	L2542672
Project Number:	25030019	**Report Date:**	07/23/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 2, 2025. The canister certification data is provided as an addendum.

L2542672-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2542672-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2542672-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2542672-04: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG2093236-3 LCS recovery associated with L2542672-01D, -02D, -03, -04, -04D, -05, and -07 is above the upper 130% acceptance limit for 1,2,4-trichlorobenzene (149%). All samples associated with this LCS do not have reportable amounts of this analyte, or will be rerun for these analytes.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 07/23/25

AIR

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-01 D
Client ID: 25 SV-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:06
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/25 22:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	4.35	--	ND	21.5	--		21.76
Chloromethane	ND	4.35	--	ND	8.98	--		21.76
Freon-114	ND	4.35	--	ND	30.4	--		21.76
Vinyl chloride	ND	4.35	--	ND	11.1	--		21.76
1,3-Butadiene	ND	4.35	--	ND	9.62	--		21.76
Bromomethane	ND	4.35	--	ND	16.9	--		21.76
Chloroethane	ND	4.35	--	ND	11.5	--		21.76
Ethanol	ND	109	--	ND	205	--		21.76
Vinyl bromide	ND	4.35	--	ND	19.0	--		21.76
Acetone	ND	21.8	--	ND	51.8	--		21.76
Trichlorofluoromethane	ND	4.35	--	ND	24.4	--		21.76
Isopropanol	ND	21.8	--	ND	53.6	--		21.76
1,1-Dichloroethene	ND	4.35	--	ND	17.2	--		21.76
Tertiary butyl Alcohol	13.3	10.9	--	40.3	33.0	--		21.76
Methylene chloride	ND	10.9	--	ND	37.9	--		21.76
3-Chloropropene	ND	4.35	--	ND	13.6	--		21.76
Carbon disulfide	7.66	4.35	--	23.9	13.5	--		21.76
Freon-113	ND	4.35	--	ND	33.3	--		21.76
trans-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--		21.76
1,1-Dichloroethane	ND	4.35	--	ND	17.6	--		21.76
Methyl tert butyl ether	ND	4.35	--	ND	15.7	--		21.76
2-Butanone	ND	10.9	--	ND	32.1	--		21.76
cis-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--		21.76

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-01 D
Client ID: 25 SV-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:06
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	10.9	--	ND	39.3	--		21.76
Chloroform	ND	4.35	--	ND	21.2	--		21.76
Tetrahydrofuran	ND	10.9	--	ND	32.1	--		21.76
1,2-Dichloroethane	ND	4.35	--	ND	17.6	--		21.76
n-Hexane	45.8	4.35	--	161	15.3	--		21.76
1,1,1-Trichloroethane	ND	4.35	--	ND	23.7	--		21.76
Benzene	ND	4.35	--	ND	13.9	--		21.76
Carbon tetrachloride	ND	4.35	--	ND	27.4	--		21.76
Cyclohexane	47.5	4.35	--	164	15.0	--		21.76
1,2-Dichloropropane	ND	4.35	--	ND	20.1	--		21.76
Bromodichloromethane	ND	4.35	--	ND	29.1	--		21.76
1,4-Dioxane	ND	4.35	--	ND	15.7	--		21.76
Trichloroethene	ND	4.35	--	ND	23.4	--		21.76
2,2,4-Trimethylpentane	964	4.35	--	4500	20.3	--		21.76
Heptane	5.72	4.35	--	23.4	17.8	--		21.76
cis-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--		21.76
4-Methyl-2-pentanone	24.0	10.9	--	98.4	44.7	--		21.76
trans-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--		21.76
1,1,2-Trichloroethane	ND	4.35	--	ND	23.7	--		21.76
Toluene	6.44	4.35	--	24.3	16.4	--		21.76
2-Hexanone	ND	4.35	--	ND	17.8	--		21.76
Dibromochloromethane	ND	4.35	--	ND	37.1	--		21.76
1,2-Dibromoethane	ND	4.35	--	ND	33.4	--		21.76
Tetrachloroethene	ND	4.35	--	ND	29.5	--		21.76
Chlorobenzene	ND	4.35	--	ND	20.0	--		21.76
Ethylbenzene	ND	4.35	--	ND	18.9	--		21.76

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-01 D
Client ID: 25 SV-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:06
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	11.7	8.70	--	50.8	37.8	--		21.76
Bromoform	ND	4.35	--	ND	45.0	--		21.76
Styrene	ND	4.35	--	ND	18.5	--		21.76
1,1,2,2-Tetrachloroethane	ND	4.35	--	ND	29.9	--		21.76
o-Xylene	5.18	4.35	--	22.5	18.9	--		21.76
4-Ethyltoluene	ND	4.35	--	ND	21.4	--		21.76
1,3,5-Trimethylbenzene	ND	4.35	--	ND	21.4	--		21.76
1,2,4-Trimethylbenzene	ND	4.35	--	ND	21.4	--		21.76
Benzyl chloride	ND	4.35	--	ND	22.5	--		21.76
1,3-Dichlorobenzene	ND	4.35	--	ND	26.2	--		21.76
1,4-Dichlorobenzene	ND	4.35	--	ND	26.2	--		21.76
1,2-Dichlorobenzene	ND	4.35	--	ND	26.2	--		21.76
1,2,4-Trichlorobenzene	ND	4.35	--	ND	32.3	--		21.76
Naphthalene	ND	4.13	--	ND	21.7	--		21.76
Hexachlorobutadiene	ND	4.35	--	ND	46.4	--		21.76

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	123		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-02 D
Client ID: 25 SV-2
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:09
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/21/25 23:21
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.448	0.400	--	2.22	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	2.48	0.400	--	5.49	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	45.2	2.00	--	107	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
Isopropanol	2.23	2.00	--	5.48	4.92	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	25.9	1.00	--	78.5	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	124	0.400	--	386	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	5.07	1.00	--	15.0	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-02 D
Client ID: 25 SV-2
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:09
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	3.25	0.400	--	11.5	1.41	--		2
1,1,1-Trichloroethane	4.28	0.400	--	23.4	2.18	--		2
Benzene	6.35	0.400	--	20.3	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	0.930	0.400	--	3.20	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	2.36	0.400	--	9.67	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	6.20	0.400	--	23.4	1.51	--		2
2-Hexanone	0.816	0.400	--	3.34	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	6.90	0.400	--	46.8	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	1.42	0.400	--	6.17	1.74	--		2

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-02 D
Client ID: 25 SV-2
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:09
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	4.51	0.800	--	19.6	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	2.20	0.400	--	9.56	1.74	--		2
4-Ethyltoluene	0.504	0.400	--	2.48	1.97	--		2
1,3,5-Trimethylbenzene	0.904	0.400	--	4.44	1.97	--		2
1,2,4-Trimethylbenzene	3.01	0.400	--	14.8	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Naphthalene	0.702	0.380	--	3.68	1.99	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-03
Client ID: 25 SV-3
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:02
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 00:00
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.212	0.200	--	1.05	0.989	--		1
Chloromethane	0.222	0.200	--	0.458	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	11.2	5.00	--	21.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	239	1.00	--	568	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	2.93	1.00	--	7.20	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	89.6	0.500	--	272	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	6.73	0.200	--	21.0	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	15.2	0.500	--	44.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-03
Client ID: 25 SV-3
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:02
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	7.24	0.200	--	25.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	17.6	0.200	--	56.2	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.57	0.200	--	8.85	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.45	0.200	--	14.1	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	9.81	0.200	--	37.0	0.754	--		1
2-Hexanone	2.28	0.200	--	9.34	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.98	0.200	--	21.6	0.869	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-03
Client ID: 25 SV-3
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:02
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	6.02	0.400	--	26.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.20	0.200	--	13.9	0.869	--		1
4-Ethyltoluene	0.536	0.200	--	2.64	0.983	--		1
1,3,5-Trimethylbenzene	0.357	0.200	--	1.76	0.983	--		1
1,2,4-Trimethylbenzene	0.672	0.200	--	3.30	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	104		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-04
Client ID: 25 SV-4
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:03
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 00:40
Analyst: RAY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.483	0.200	--	2.39	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	12.6	5.00	--	23.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	266	1.00	--	632	2.38	--		1
Trichlorofluoromethane	0.335	0.200	--	1.88	1.12	--		1
Isopropanol	3.01	1.00	--	7.40	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	104	0.500	--	315	1.52	--	E	1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.229	0.200	--	0.713	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	11.8	0.500	--	34.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-04
Client ID: 25 SV-4
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:03
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.543	0.200	--	2.65	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.394	0.200	--	1.39	0.705	--		1
1,1,1-Trichloroethane	0.231	0.200	--	1.26	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.759	0.200	--	3.11	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.446	0.200	--	1.68	0.754	--		1
2-Hexanone	2.42	0.200	--	9.92	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.15	0.200	--	7.80	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.440	0.200	--	1.91	0.869	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-04
Client ID: 25 SV-4
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:03
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	2.12	0.400	--	9.21	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.20	0.200	--	5.21	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.265	0.200	--	1.30	0.983	--		1
1,2,4-Trimethylbenzene	0.588	0.200	--	2.89	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	105		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-04 D
Client ID: 25 SV-4
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:03
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 08:39
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	109	1.25	--	330	3.79	--		2.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	108		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	106		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-05
Client ID: 25 SS-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:22
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 01:20
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.438	0.200	--	2.17	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.271	0.200	--	0.600	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.51	5.00	--	10.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	67.6	1.00	--	161	2.38	--		1
Trichlorofluoromethane	0.264	0.200	--	1.48	1.12	--		1
Isopropanol	6.91	1.00	--	17.0	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	15.8	0.500	--	47.9	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.658	0.200	--	2.05	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	10.7	0.500	--	31.6	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-05
Client ID: 25 SS-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:22
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.235	0.200	--	1.15	0.977	--		1
Tetrahydrofuran	0.578	0.500	--	1.70	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	9.17	0.200	--	32.3	0.705	--		1
1,1,1-Trichloroethane	5.70	0.200	--	31.1	1.09	--		1
Benzene	0.764	0.200	--	2.44	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.411	0.200	--	1.41	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.98	0.200	--	16.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.775	0.500	--	3.18	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.90	0.200	--	10.9	0.754	--		1
2-Hexanone	1.57	0.200	--	6.43	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	4.08	0.200	--	27.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.02	0.200	--	4.43	0.869	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-05
Client ID: 25 SS-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:22
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	4.03	0.400	--	17.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.241	0.200	--	1.03	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.93	0.200	--	8.38	0.869	--		1
4-Ethyltoluene	0.440	0.200	--	2.16	0.983	--		1
1,3,5-Trimethylbenzene	0.641	0.200	--	3.15	0.983	--		1
1,2,4-Trimethylbenzene	2.52	0.200	--	12.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.803	0.190	--	4.21	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	108		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-06
Client ID: 25 AI-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:08
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 21:26
Analyst: RAY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--		1
Chloromethane	0.694	0.200	--	1.43	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.247	0.200	--	0.546	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	19.8	5.00	--	37.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.7	1.00	--	30.2	2.38	--		1
Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--		1
Isopropanol	2.36	1.00	--	5.80	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.96	0.500	--	5.78	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-06
Client ID: 25 AI-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:08
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.11	0.200	--	3.91	0.705	--		1
Benzene	1.42	0.200	--	4.54	0.639	--		1
Cyclohexane	0.328	0.200	--	1.13	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.877	0.200	--	4.10	0.934	--		1
Heptane	0.420	0.200	--	1.72	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.22	0.200	--	19.7	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.386	0.200	--	1.68	0.869	--		1
p/m-Xylene	1.24	0.400	--	5.39	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.513	0.200	--	2.23	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-06
Client ID: 25 AI-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:08
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.365	0.200	--	1.79	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.313	0.190	--	1.64	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	106		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-06
Client ID: 25 AI-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:08
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/22/25 21:26
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
Trichloroethene	0.036	0.020	--	0.193	0.107	--		1
Tetrachloroethene	0.110	0.020	--	0.746	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	102		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-07
Client ID: 25 DUP-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:26
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 02:38
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--		1
Chloromethane	0.403	0.200	--	0.832	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	3.56	0.200	--	7.88	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.16	5.00	--	13.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	77.4	1.00	--	184	2.38	--		1
Trichlorofluoromethane	0.263	0.200	--	1.48	1.12	--		1
Isopropanol	10.5	1.00	--	25.8	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	48.4	0.500	--	147	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.90	0.200	--	9.03	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	8.22	0.500	--	24.2	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-07
Client ID: 25 DUP-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:26
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.434	0.200	--	2.12	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.54	0.200	--	12.5	0.705	--		1
1,1,1-Trichloroethane	5.08	0.200	--	27.7	1.09	--		1
Benzene	2.40	0.200	--	7.67	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.71	0.200	--	5.89	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.18	0.200	--	5.51	0.934	--		1
Heptane	2.57	0.200	--	10.5	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.604	0.500	--	2.48	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.35	0.200	--	20.2	0.754	--		1
2-Hexanone	1.30	0.200	--	5.33	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	2.10	0.200	--	14.2	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.37	0.200	--	5.95	0.869	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

SAMPLE RESULTS

Lab ID: L2542672-07
Client ID: 25 DUP-1
Sample Location: BKLYN, NY

Date Collected: 07/08/25 20:26
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	4.80	0.400	--	20.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.320	0.200	--	1.36	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.05	0.200	--	8.90	0.869	--		1
4-Ethyltoluene	0.490	0.200	--	2.41	0.983	--		1
1,3,5-Trimethylbenzene	0.876	0.200	--	4.31	0.983	--		1
1,2,4-Trimethylbenzene	2.95	0.200	--	14.5	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.764	0.190	--	4.01	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	111		60-140
Bromochloromethane	111		60-140
chlorobenzene-d5	111		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/21/25 20:10

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-05,07 Batch: WG2093236-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/21/25 20:10

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-05,07 Batch: WG2093236-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/21/25 20:10

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-05,07 Batch: WG2093236-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/22/25 17:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 06 Batch: WG2093729-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/22/25 17:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 06 Batch: WG2093729-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/22/25 17:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 06 Batch: WG2093729-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/22/25 18:21

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 06 Batch: WG2093731-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 Batch: WG2093236-3								
Dichlorodifluoromethane	109		-		70-130	-		
Chloromethane	99		-		70-130	-		
Freon-114	118		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	110		-		70-130	-		
Bromomethane	109		-		70-130	-		
Chloroethane	110		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	115		-		70-130	-		
Acetone	101		-		40-160	-		
Trichlorofluoromethane	106		-		70-130	-		
Isopropanol	98		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	97		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	108		-		70-130	-		
Carbon disulfide	113		-		70-130	-		
Freon-113	108		-		70-130	-		
trans-1,2-Dichloroethene	117		-		70-130	-		
1,1-Dichloroethane	108		-		70-130	-		
Methyl tert butyl ether	116		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	112		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 Batch: WG2093236-3								
Ethyl Acetate	101		-		70-130	-		
Chloroform	107		-		70-130	-		
Tetrahydrofuran	126		-		70-130	-		
1,2-Dichloroethane	105		-		70-130	-		
n-Hexane	120		-		70-130	-		
1,1,1-Trichloroethane	104		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	106		-		70-130	-		
Cyclohexane	112		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	115		-		70-130	-		
1,4-Dioxane	123		-		70-130	-		
Trichloroethene	108		-		70-130	-		
2,2,4-Trimethylpentane	118		-		70-130	-		
Heptane	115		-		70-130	-		
cis-1,3-Dichloropropene	120		-		70-130	-		
4-Methyl-2-pentanone	115		-		70-130	-		
trans-1,3-Dichloropropene	129		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
Toluene	112		-		70-130	-		
2-Hexanone	119		-		70-130	-		
Dibromochloromethane	121		-		70-130	-		
1,2-Dibromoethane	117		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-05,07		Batch: WG2093236-3					
Tetrachloroethene	108		-		70-130	-		
Chlorobenzene	110		-		70-130	-		
Ethylbenzene	113		-		70-130	-		
p/m-Xylene	115		-		70-130	-		
Bromoform	123		-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	120		-		70-130	-		
o-Xylene	118		-		70-130	-		
4-Ethyltoluene	126		-		70-130	-		
1,3,5-Trimethylbenzene	114		-		70-130	-		
1,2,4-Trimethylbenzene	129		-		70-130	-		
Benzyl chloride	112		-		70-130	-		
1,3-Dichlorobenzene	121		-		70-130	-		
1,4-Dichlorobenzene	126		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	**149**	Q	-		70-130	-		
Naphthalene	126		-		70-130	-		
Hexachlorobutadiene	122		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 06 Batch: WG2093729-3								
Dichlorodifluoromethane	110		-		70-130	-		
Chloromethane	104		-		70-130	-		
Freon-114	115		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	108		-		70-130	-		
Bromomethane	111		-		70-130	-		
Chloroethane	107		-		70-130	-		
Ethanol	92		-		40-160	-		
Vinyl bromide	106		-		70-130	-		
Acetone	95		-		40-160	-		
Trichlorofluoromethane	102		-		70-130	-		
Isopropanol	90		-		40-160	-		
1,1-Dichloroethene	114		-		70-130	-		
Tertiary butyl Alcohol	98		-		70-130	-		
Methylene chloride	105		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	106		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	104		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
Methyl tert butyl ether	99		-		70-130	-		
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 06 Batch: WG2093729-3								
Ethyl Acetate	112		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	106		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	101		-		70-130	-		
Benzene	105		-		70-130	-		
Carbon tetrachloride	104		-		70-130	-		
Cyclohexane	109		-		70-130	-		
1,2-Dichloropropane	109		-		70-130	-		
Bromodichloromethane	109		-		70-130	-		
1,4-Dioxane	111		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	108		-		70-130	-		
cis-1,3-Dichloropropene	115		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	126		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	108		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	112		-		70-130	-		
1,2-Dibromoethane	112		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 06		Batch: WG2093729-3					
Tetrachloroethene	102		-		70-130	-		
Chlorobenzene	107		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	109		-		70-130	-		
Bromoform	112		-		70-130	-		
Styrene	110		-		70-130	-		
1,1,2,2-Tetrachloroethane	113		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	107		-		70-130	-		
1,3,5-Trimethylbenzene	111		-		70-130	-		
1,2,4-Trimethylbenzene	113		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
1,2-Dichlorobenzene	103		-		70-130	-		
1,2,4-Trichlorobenzene	107		-		70-130	-		
Naphthalene	96		-		70-130	-		
Hexachlorobutadiene	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 06 Batch: WG2093731-3								
Vinyl chloride	103		-		70-130	-		25
1,1-Dichloroethene	106		-		70-130	-		25
cis-1,2-Dichloroethene	99		-		70-130	-		25
1,1,1-Trichloroethane	104		-		70-130	-		25
Carbon tetrachloride	100		-		70-130	-		25
Trichloroethene	101		-		70-130	-		25
Tetrachloroethene	99		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 QC Batch ID: WG2093236-5 QC Sample: L2542672-05 Client ID: 25 SS-1						
Dichlorodifluoromethane	0.438	0.458	ppbV	4		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.271	0.263	ppbV	3		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	5.51	5.26	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	67.6	66.6	ppbV	1		25
Trichlorofluoromethane	0.264	0.256	ppbV	3		25
Isopropanol	6.91	6.95	ppbV	1		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	15.8	15.7	ppbV	1		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.658	0.662	ppbV	1		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 QC Batch ID: WG2093236-5 QC Sample: L2542672-05 Client ID: 25 SS-1						
2-Butanone	10.7	10.3	ppbV	4		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	0.235	0.221	ppbV	6		25
Tetrahydrofuran	0.578	0.547	ppbV	6		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	9.17	9.01	ppbV	2		25
1,1,1-Trichloroethane	5.70	5.58	ppbV	2		25
Benzene	0.764	0.742	ppbV	3		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.411	0.394	ppbV	4		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	0.715	ppbV	NC		25
Heptane	3.98	3.83	ppbV	4		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	0.775	0.617	ppbV	23		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 QC Batch ID: WG2093236-5 QC Sample: L2542672-05 Client ID: 25 SS-1						
Toluene	2.90	2.87	ppbV	1		25
2-Hexanone	1.57	1.55	ppbV	1		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	4.08	4.06	ppbV	0		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	1.02	0.987	ppbV	3		25
p/m-Xylene	4.03	3.98	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.241	0.221	ppbV	9		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.93	1.90	ppbV	2		25
4-Ethyltoluene	0.440	0.426	ppbV	3		25
1,3,5-Trimethylbenzene	0.641	0.646	ppbV	1		25
1,2,4-Trimethylbenzene	2.52	2.43	ppbV	4		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	0.803	0.791	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05,07 QC Batch ID: WG2093236-5 QC Sample: L2542672-05 Client ID: 25 SS-1						
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 06 QC Batch ID: WG2093729-5 QC Sample: L2542672-06 Client ID: 25 AI-1						
Dichlorodifluoromethane	0.470	0.464	ppbV	1		25
Chloromethane	0.694	0.688	ppbV	1		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	0.247	0.220	ppbV	12		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	19.8	19.9	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	12.7	13.7	ppbV	8		25
Trichlorofluoromethane	0.214	0.216	ppbV	1		25
Isopropanol	2.36	2.46	ppbV	4		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	1.96	1.96	ppbV	0		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 06 QC Batch ID: WG2093729-5 QC Sample: L2542672-06 Client ID: 25 AI-1						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	1.11	1.12	ppbV	1		25
Benzene	1.42	1.38	ppbV	3		25
Cyclohexane	0.328	0.322	ppbV	2		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	0.877	0.879	ppbV	0		25
Heptane	0.420	0.439	ppbV	4		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	5.22	5.18	ppbV	1		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.386	0.383	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 06 QC Batch ID: WG2093729-5 QC Sample: L2542672-06 Client ID: 25 AI-1						
p/m-Xylene	1.24	1.24	ppbV	0		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.513	0.510	ppbV	1		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.365	0.362	ppbV	1		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	0.313	0.317	ppbV	1		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 06 QC Batch ID: WG2093731-5 QC Sample: L2542672-06 Client ID: 25 AI-1						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.071	0.070	ppbV	1		25
Trichloroethene	0.036	0.036	ppbV	0		25
Tetrachloroethene	0.110	0.108	ppbV	2		25

Project Name: 601-607 UNION ST

Project Number: 25030019

Lab Number: L2542672

Report Date: 07/23/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2542672-01	25 SV-1	01218	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.5	5
L2542672-01	25 SV-1	5313	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.4	-6.8	-	-	-	-
L2542672-02	25 SV-2	0699	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.3	3
L2542672-02	25 SV-2	5577	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.4	-6.7	-	-	-	-
L2542672-03	25 SV-3	01118	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.2	2
L2542672-03	25 SV-3	5797	6.0L TO Can	07/02/25	526909	L2540141-10	Pass	-29.3	-7.2	-	-	-	-
L2542672-04	25 SV-4	02679	Flow 4	07/02/25	526909		-	-	-	Pass	10.0	10.5	5
L2542672-04	25 SV-4	5474	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.2	-6.4	-	-	-	-
L2542672-05	25 SS-1	0550	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.2	2
L2542672-05	25 SS-1	806	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.3	-6.9	-	-	-	-
L2542672-06	25 AI-1	01775	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.2	2
L2542672-06	25 AI-1	4885	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.3	-6.6	-	-	-	-
L2542672-07	25 DUP-1	0834	Flow 5	07/02/25	526909		-	-	-	Pass	10.0	10.2	2
L2542672-07	25 DUP-1	1906	6.0L Can	07/02/25	526909	L2540141-10	Pass	-29.4	-7.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2540141
Report Date: 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/27/25 05:50
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2540141
Report Date: 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2540141
Report Date: 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2540141

Project Number: CANISTER QC BAT **Report Date:** 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2540141

Project Number: CANISTER QC BAT **Report Date:** 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	111		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2540141
Report Date: 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/27/25 05:50
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2540141

Project Number: CANISTER QC BAT **Report Date:** 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2540141
Report Date: 07/23/25

Air Canister Certification Results

Lab ID: L2540141-10
Client ID: CAN 2255 SHELF 82
Sample Location:

Date Collected: 06/26/25 10:00
Date Received: 06/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	111		60-140

Project Name: 601-607 UNION ST
Project Number: 25030019

Lab Number: L2542672
Report Date: 07/23/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542672-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2542672-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2542672-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2542672-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2542672-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2542672-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2542672-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	601-607 UNION ST	**Lab Number:**	L2542672
Project Number:	25030019	**Report Date:**	07/23/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	601-607 UNION ST	**Lab Number:**	L2542672
Project Number:	25030019	**Report Date:**	07/23/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	601-607 UNION ST	**Lab Number:**	L2542672
Project Number:	25030019	**Report Date:**	07/23/25

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 601-607 UNION ST
Project Number: 25030019
Lab Number: L2542672
Report Date: 07/23/25

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Serial_No:07232515:53

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/10/25

Pace® Job #: L2542672

Client Information

Client: VECTOR CONSULTANTS
Address: 37 W. 37TH ST
NEW YORK, NY
Phone:
Fax:
Email:
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 601-607 UNION ST
Project Location: BKLYN, NY
Project #: 25S3300L9
Project Manager: E. KARAYEL/V. CHAPMAN
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables: CAT B VI EQUIS DELIVERABLES
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
42672-01	25 SV-1	7/8/25	1201	2008	30.09	6.48	SV	VC	6L	5313	01218	X					
02	25 SV-2		1204	2009	30.29	6.43	SV			5577	0699	X					
03	25 SV-3		1202	2002	31.42	7.03	SV			5797	01118	X					
04	25 SV-4		1203	2003	30.37	6.71	SV			5474	02679	X					
05	25 SS-1		1205	2022	30.02	6.91	SSB			806	0550	X					
06	25 AI-1		1200	2008	30.09	6.24	AA(I)			4885	01775	X					
07	25 DVP-1		1206	2020	30.16	6.82	SV			1906	0834	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6L Summa

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
K. Ahmed	7/9/25 09:25	K. Ahmed	7/9/25 9:15
Paul Mazzella	7/9/25 13:16	Paul Mazzella	7/9/25 16:50
Chain of Title	7/9/25 7/10/25 0135	Courier	7/10/25 0135

Sample Delivery Group Summary

Pace Job Number : L2542672

Account Name : Vektor Consultants, LLC
Project Number : 25030019
Project Name : 601-607 UNION ST

Received : 09-JUL-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX L

DATA USABILITY SUMMARY REPORTS FOR 2025 RI

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

September 17, 2025

Ms. Ezgi Karayel
Principal
vEKtor consultants
37 W 37th Street, 6th Floor
New York, NY 10018

Re: Data Validation Report
601-607 Union St
July 2025 Soil Sampling Events

Dear Ms. Karayel,

The Data Usability Summary Reports are attached to this letter for the 601-607 Union Street site, July 2025 soil sampling events. The data for Pace Analytical Services SDG numbers L2541375, L2541710, L2542557, L2542924, and L2545792 are mostly acceptable, with issues that are identified in the DUSR and QA/QC review summaries. There are data that are rejected, unusable (R) in data packs L2541375, L2541710, and L2542557. The DUSRs and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2025\25621-25640\25623-601-607 union street\task 1 dusr\temp-review\corrections made\601 union st-251a.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

L2541375

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Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2541375

13 Soil Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatiles, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 13 soil samples; volatile, SIM semi-volatiles, 1,4-dioxane, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 1 field blank; and volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" volatile results for 2-hexanone were qualified as "estimated" (UJ) for all soil samples except sample 25SB-14 (7-9) because 2 of 2 percent recoveries for 2-hexanone were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The positive volatile result for toluene was qualified as "estimated" (J) for sample 25SB-10 (0-2) because the %D for toluene was above the allowable maximum in the associated continuing calibration verification sample.

- The positive volatile results for acetone were qualified as "not detected" (U) for samples 25SB-11 (11-12) and 25SB-13 (11-12) because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- The semi-volatile result for pyrene in sample 25SB-11 (0-2) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for pyrene marked "E" in the undiluted sample was qualified as estimated (J).

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- The semi-volatile result for fluoranthene in sample 25SB-13 (0-2) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for fluoranthene marked "E" in the undiluted sample was qualified as estimated (J).

- The semi-volatile results for acenaphthene, naphthalene, fluorene, phenanthrene, and 2-methylnaphtahlene in sample 25SB-12 (11-12) were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds marked "E" in the undiluted sample were qualified as estimated (J).

- The semi-volatile results for naphthalene and pyrene in sample 25SB-10 (11-12) were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds marked "E" in the undiluted sample were qualified as estimated (J).

- The "not detected" semi-volatile results for 3,3'-dichlorobenzidine and 4-chloroaniline were qualified as "estimated" (UJ) for all 13 soil samples because 2 of 2 percent recoveries for 3,3'-dichlorobenzidine and 4-chloroaniline were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The positive SIM semi-volatile results for pentachlorophenol were qualified as "not detected" (U) for the field blank because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM result for 1,4-dioxane was qualified as "not detected" (U) for the field blank because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive PCB result for aroclor 1268 (and total PCBs) was qualified as "rejected, unusable" (R) for sample 25SB-10 (0-2) because aroclor 1268 was reported detected on column 1 and "not detected" on column 2; therefore, the presence of aroclor 1268 was not confirmed.

- The positive pesticide result for 4,4'-DDE was qualified as "estimated, biased high" (J+) for sample 25SB-13 (0-2) because the %RPD for dual column quantitation of 4,4'-DDE was above the allowable maximum, but not above 70% and the higher result was reported in the sample.

- The positive metal results for barium were qualified as estimated, biased high (J+) for all 13 soil samples because the percent recovery for barium was above the control limits in the associated soil spike sample.

- The positive metal results for arsenic and copper were qualified as estimated, biased low (J-) for all 13 soil samples because the percent recoveries for arsenic and copper were below the control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for antimony were qualified as estimated, biased low (J-) for samples 25SB-11 (0-2) and 25SB-9 (0-2) because the percent recovery for antimony was below the control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for calcium and zinc were qualified as estimated (J) for all 13 soil samples because the relative percent differences for calcium and zinc were above the allowable maximum in the associated soil duplicate sample.

- The "not detected" metal results for antimony were qualified as estimated (UJ) for the following samples because the percent recovery for antimony was below the control limits, but not below 10% in the associated soil spike sample.

25SB-11 (11-12)	25SB-14 (0-2)	25SB-14 (7-9)	25SB-14 (11-12)
25SB-13 (0-2)	25SB-13 (11-12)	25SB-12 (0-2)	25SB-12 (11-12)
25SB-9 (11-12)	25SB-10 (0-2)	25SB-10 (11-12)	

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, J-, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 15:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B09	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.6	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.92	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.92	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.92	0.12	U
124-48-1	Dibromochloromethane	ND	0.92	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.92	0.25	U
127-18-4	Tetrachloroethene	ND	0.46	0.18	U
108-90-7	Chlorobenzene	ND	0.46	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.64	U
107-06-2	1,2-Dichloroethane	ND	0.92	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.46	0.15	U
75-27-4	Bromodichloromethane	ND	0.46	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.46	0.14	U
75-25-2	Bromoform	ND	3.7	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.46	0.15	U
71-43-2	Benzene	0.36	0.46	0.15	J
108-88-3	Toluene	ND	0.92	0.50	U
100-41-4	Ethylbenzene	ND	0.92	0.13	U
74-87-3	Chloromethane	ND	3.7	0.86	U
74-83-9	Bromomethane	ND	1.8	0.54	U
75-01-4	Vinyl chloride	ND	0.92	0.31	U
75-00-3	Chloroethane	ND	1.8	0.42	U
75-35-4	1,1-Dichloroethene	ND	0.92	0.22	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 15:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B09	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U	
79-01-6	Trichloroethene	ND	0.46	0.13	U	
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U	
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.16	U	
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U	
179601-23-1	p/m-Xylene	ND	1.8	0.52	U	
95-47-6	o-Xylene	ND	0.92	0.27	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.16	U	
100-42-5	Styrene	ND	0.92	0.18	U	
75-71-8	Dichlorodifluoromethane	ND	9.2	0.84	U	
67-64-1	Acetone	ND	9.2	4.4	U	
75-15-0	Carbon disulfide	ND	9.2	4.2	U	
78-93-3	2-Butanone	ND	9.2	2.0	U	
108-10-1	4-Methyl-2-pentanone	ND	9.2	1.2	U	
591-78-6	2-Hexanone	ND	9.2	1.1	U	UJ
74-97-5	Bromochloromethane	ND	1.8	0.19	U	
106-93-4	1,2-Dibromoethane	ND	0.92	0.26	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.92	U	
98-82-8	Isopropylbenzene	ND	0.92	0.10	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.30	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U	
79-20-9	Methyl Acetate	ND	3.7	0.88	U	
110-82-7	Cyclohexane	ND	9.2	0.50	U	
123-91-1	1,4-Dioxane	ND	74	32.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-01	**Date Collected**	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 15:10
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B09	**Instrument ID**	: VOA117
Sample Amount	: 6.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	ND	3.7	0.56	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 15:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B10	Instrument ID	: VOA117
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.8	4.0	U
75-34-3	1,1-Dichloroethane	ND	1.8	0.26	U
67-66-3	Chloroform	ND	2.6	0.25	U
56-23-5	Carbon tetrachloride	ND	1.8	0.40	U
78-87-5	1,2-Dichloropropane	ND	1.8	0.22	U
124-48-1	Dibromochloromethane	ND	1.8	0.25	U
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.47	U
127-18-4	Tetrachloroethene	ND	0.88	0.34	U
108-90-7	Chlorobenzene	ND	0.88	0.22	U
75-69-4	Trichlorofluoromethane	ND	7.0	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.8	0.45	U
71-55-6	1,1,1-Trichloroethane	ND	0.88	0.29	U
75-27-4	Bromodichloromethane	ND	0.88	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.48	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.88	0.28	U
75-25-2	Bromoform	ND	7.0	0.43	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.88	0.29	U
71-43-2	Benzene	ND	0.88	0.29	U
108-88-3	Toluene	ND	1.8	0.95	U
100-41-4	Ethylbenzene	0.36	1.8	0.25	J
74-87-3	Chloromethane	ND	7.0	1.6	U
74-83-9	Bromomethane	ND	3.5	1.0	U
75-01-4	Vinyl chloride	ND	1.8	0.59	U
75-00-3	Chloroethane	ND	3.5	0.79	U
75-35-4	1,1-Dichloroethene	ND	1.8	0.42	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 15:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B10	Instrument ID	: VOA117
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.6	0.24	U	
79-01-6	Trichloroethene	ND	0.88	0.24	U	
95-50-1	1,2-Dichlorobenzene	ND	3.5	0.25	U	
541-73-1	1,3-Dichlorobenzene	ND	3.5	0.26	U	
106-46-7	1,4-Dichlorobenzene	ND	3.5	0.30	U	
1634-04-4	Methyl tert butyl ether	ND	3.5	0.35	U	
179601-23-1	p/m-Xylene	1.4	3.5	0.98	J	
95-47-6	o-Xylene	0.65	1.8	0.51	J	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.31	U	
100-42-5	Styrene	ND	1.8	0.34	U	
75-71-8	Dichlorodifluoromethane	ND	18	1.6	U	
67-64-1	Acetone	10	18	8.5	J	U
75-15-0	Carbon disulfide	ND	18	8.0	U	
78-93-3	2-Butanone	ND	18	3.9	U	
108-10-1	4-Methyl-2-pentanone	ND	18	2.2	U	
591-78-6	2-Hexanone	ND	18	2.1	U	UJ
74-97-5	Bromochloromethane	ND	3.5	0.36	U	
106-93-4	1,2-Dibromoethane	ND	1.8	0.49	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	1.8	U	
98-82-8	Isopropylbenzene	ND	1.8	0.19	U	
87-61-6	1,2,3-Trichlorobenzene	ND	3.5	0.57	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.5	0.48	U	
79-20-9	Methyl Acetate	ND	7.0	1.7	U	
110-82-7	Cyclohexane	ND	18	0.96	U	
123-91-1	1,4-Dioxane	ND	140	62.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-02	**Date Collected**	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 15:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B10	**Instrument ID**	: VOA117
Sample Amount	: 3.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	7.0	1.2	U
108-87-2	Methyl cyclohexane	ND	7.0	1.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 16:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B11	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.51	0.20	U
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.55	U
100-41-4	Ethylbenzene	0.57	1.0	0.14	J
74-87-3	Chloromethane	ND	4.1	0.95	U
74-83-9	Bromomethane	ND	2.0	0.59	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 16:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B11	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	
79-01-6	Trichloroethene	ND	0.51	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	1.8	2.0	0.57	J	
95-47-6	o-Xylene	0.58	1.0	0.30	J	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U	
67-64-1	Acetone	ND	10	4.9	U	
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
591-78-6	2-Hexanone	ND	10	1.2	U	UJ
74-97-5	Bromochloromethane	ND	2.0	0.21	U	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
79-20-9	Methyl Acetate	ND	4.1	0.97	U	
110-82-7	Cyclohexane	ND	10	0.55	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-03	**Date Collected**	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 16:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B11	**Instrument ID**	: VOA117
Sample Amount	: 5.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 90
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.1	0.70	U
108-87-2	Methyl cyclohexane	ND	4.1	0.61	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 11:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250712A08	Instrument ID	: VOA110
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.6	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.92	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.92	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.92	0.12	U
124-48-1	Dibromochloromethane	ND	0.92	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.92	0.24	U
127-18-4	Tetrachloroethene	ND	0.46	0.18	U
108-90-7	Chlorobenzene	ND	0.46	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.64	U
107-06-2	1,2-Dichloroethane	ND	0.92	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.46	0.15	U
75-27-4	Bromodichloromethane	ND	0.46	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.46	0.14	U
75-25-2	Bromoform	ND	3.7	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.46	0.15	U
71-43-2	Benzene	ND	0.46	0.15	U
108-88-3	Toluene	ND	0.92	0.50	U
100-41-4	Ethylbenzene	ND	0.92	0.13	U
74-87-3	Chloromethane	ND	3.7	0.86	U
74-83-9	Bromomethane	ND	1.8	0.53	U
75-01-4	Vinyl chloride	ND	0.92	0.31	U
75-00-3	Chloroethane	ND	1.8	0.42	U
75-35-4	1,1-Dichloroethene	ND	0.92	0.22	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 11:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250712A08	Instrument ID	: VOA110
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.46	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.52	U
95-47-6	o-Xylene	ND	0.92	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.16	U
100-42-5	Styrene	ND	0.92	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.2	0.84	U
67-64-1	Acetone	ND	9.2	4.4	U
75-15-0	Carbon disulfide	ND	9.2	4.2	U
78-93-3	2-Butanone	ND	9.2	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.2	1.2	U
591-78-6	2-Hexanone	ND	9.2	1.1	U
74-97-5	Bromochloromethane	ND	1.8	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.92	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.92	U
98-82-8	Isopropylbenzene	ND	0.92	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.87	U
110-82-7	Cyclohexane	ND	9.2	0.50	U
123-91-1	1,4-Dioxane	ND	74	32.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-04	**Date Collected**	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/12/25 11:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250712A08	**Instrument ID**	: VOA110
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 89
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	ND	3.7	0.56	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 16:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B13	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.2	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.52	0.20	U
108-90-7	Chlorobenzene	ND	0.52	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U
75-27-4	Bromodichloromethane	ND	0.52	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U
71-43-2	Benzene	0.25	0.52	0.17	J
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	0.66	1.0	0.15	J
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U
75-01-4	Vinyl chloride	ND	1.0	0.35	U
75-00-3	Chloroethane	ND	2.1	0.47	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 16:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B13	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.59	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U	
67-64-1	Acetone	ND	10	5.0	U	
75-15-0	Carbon disulfide	ND	10	4.8	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
591-78-6	2-Hexanone	ND	10	1.2	U	UJ
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
79-20-9	Methyl Acetate	ND	4.2	0.99	U	
110-82-7	Cyclohexane	ND	10	0.57	U	
123-91-1	1,4-Dioxane	ND	84	37.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-05	**Date Collected**	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 16:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B13	**Instrument ID**	: VOA117
Sample Amount	: 5.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 86
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.2	0.72	U
108-87-2	Methyl cyclohexane	ND	4.2	0.63	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 17:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B14	Instrument ID	: VOA117
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.8	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.27	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.14	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.31	U
127-18-4	Tetrachloroethene	ND	0.58	0.23	U
108-90-7	Chlorobenzene	ND	0.58	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.7	0.81	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.58	0.19	U
75-27-4	Bromodichloromethane	ND	0.58	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.32	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.58	0.18	U
75-25-2	Bromoform	ND	4.7	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.58	0.19	U
71-43-2	Benzene	ND	0.58	0.19	U
108-88-3	Toluene	ND	1.2	0.63	U
100-41-4	Ethylbenzene	ND	1.2	0.16	U
74-87-3	Chloromethane	ND	4.7	1.1	U
74-83-9	Bromomethane	ND	2.3	0.68	U
75-01-4	Vinyl chloride	ND	1.2	0.39	U
75-00-3	Chloroethane	ND	2.3	0.53	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 17:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B14	Instrument ID	: VOA117
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U	
79-01-6	Trichloroethene	ND	0.58	0.16	U	
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.17	U	
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U	
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U	
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U	
179601-23-1	p/m-Xylene	ND	2.3	0.65	U	
95-47-6	o-Xylene	ND	1.2	0.34	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.20	U	
100-42-5	Styrene	ND	1.2	0.23	U	
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U	
67-64-1	Acetone	ND	12	5.6	U	
75-15-0	Carbon disulfide	ND	12	5.3	U	
78-93-3	2-Butanone	ND	12	2.6	U	
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U	
591-78-6	2-Hexanone	ND	12	1.4	U	UJ
74-97-5	Bromochloromethane	ND	2.3	0.24	U	
106-93-4	1,2-Dibromoethane	ND	1.2	0.32	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.5	1.2	U	
98-82-8	Isopropylbenzene	ND	1.2	0.13	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.38	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.32	U	
79-20-9	Methyl Acetate	ND	4.7	1.1	U	
110-82-7	Cyclohexane	ND	12	0.63	U	
123-91-1	1,4-Dioxane	ND	93	41.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-06	**Date Collected**	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 17:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B14	**Instrument ID**	: VOA117
Sample Amount	: 4.9 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 88
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.7	0.81	U
108-87-2	Methyl cyclohexane	ND	4.7	0.70	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 17:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B15	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U
124-48-1	Dibromochloromethane	ND	0.99	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U
127-18-4	Tetrachloroethene	ND	0.50	0.19	U
108-90-7	Chlorobenzene	ND	0.50	0.12	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U
107-06-2	1,2-Dichloroethane	ND	0.99	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.99	0.54	U
100-41-4	Ethylbenzene	ND	0.99	0.14	U
74-87-3	Chloromethane	ND	4.0	0.92	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	0.99	0.33	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	0.99	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 17:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B15	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	
79-01-6	Trichloroethene	ND	0.50	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.55	U	
95-47-6	o-Xylene	ND	0.99	0.29	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.17	U	
100-42-5	Styrene	ND	0.99	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.9	0.91	U	
67-64-1	Acetone	8.2	9.9	4.8	J	U
75-15-0	Carbon disulfide	ND	9.9	4.5	U	
78-93-3	2-Butanone	ND	9.9	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U	
591-78-6	2-Hexanone	ND	9.9	1.2	U	UJ
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.99	U	
98-82-8	Isopropylbenzene	ND	0.99	0.11	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
79-20-9	Methyl Acetate	ND	4.0	0.94	U	
110-82-7	Cyclohexane	ND	9.9	0.54	U	
123-91-1	1,4-Dioxane	ND	79	35.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-07	**Date Collected**	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 17:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B15	**Instrument ID**	: VOA117
Sample Amount	: 6.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 18:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B16	Instrument ID	: VOA117
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 18:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B16	Instrument ID	: VOA117
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U	
79-01-6	Trichloroethene	ND	0.57	0.16	U	
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U	
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U	
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U	
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U	
179601-23-1	p/m-Xylene	ND	2.3	0.64	U	
95-47-6	o-Xylene	ND	1.1	0.33	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U	
100-42-5	Styrene	ND	1.1	0.22	U	
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U	
67-64-1	Acetone	ND	11	5.5	U	
75-15-0	Carbon disulfide	ND	11	5.2	U	
78-93-3	2-Butanone	ND	11	2.5	U	
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U	
591-78-6	2-Hexanone	ND	11	1.3	U	UJ
74-97-5	Bromochloromethane	ND	2.3	0.23	U	
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U	
98-82-8	Isopropylbenzene	ND	1.1	0.12	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U	
79-20-9	Methyl Acetate	ND	4.6	1.1	U	
110-82-7	Cyclohexane	ND	11	0.62	U	
123-91-1	1,4-Dioxane	ND	91	40.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-08	**Date Collected**	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 18:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B16	**Instrument ID**	: VOA117
Sample Amount	: 4.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.6	0.79	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 18:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B17	Instrument ID	: VOA117
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 18:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B17	Instrument ID	: VOA117
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U	
79-01-6	Trichloroethene	ND	0.57	0.16	U	
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U	
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U	
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U	
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U	
179601-23-1	p/m-Xylene	ND	2.3	0.64	U	
95-47-6	o-Xylene	ND	1.1	0.33	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U	
100-42-5	Styrene	ND	1.1	0.22	U	
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U	
67-64-1	Acetone	24	11	5.5		
75-15-0	Carbon disulfide	ND	11	5.2	U	
78-93-3	2-Butanone	5.4	11	2.5	J	
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U	
591-78-6	2-Hexanone	ND	11	1.4	U	UJ
74-97-5	Bromochloromethane	ND	2.3	0.23	U	
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U	
98-82-8	Isopropylbenzene	ND	1.1	0.12	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U	
79-20-9	Methyl Acetate	ND	4.6	1.1	U	
110-82-7	Cyclohexane	ND	11	0.62	U	
123-91-1	1,4-Dioxane	ND	92	40.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-09	**Date Collected**	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 18:37
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B17	**Instrument ID**	: VOA117
Sample Amount	: 5.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.6	0.79	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B18	Instrument ID	: VOA117
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	9.2	4.2	U
75-34-3	1,1-Dichloroethane	ND	1.8	0.27	U
67-66-3	Chloroform	ND	2.8	0.26	U
56-23-5	Carbon tetrachloride	ND	1.8	0.42	U
78-87-5	1,2-Dichloropropane	ND	1.8	0.23	U
124-48-1	Dibromochloromethane	ND	1.8	0.26	U
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.49	U
127-18-4	Tetrachloroethene	2.3	0.92	0.36	
108-90-7	Chlorobenzene	ND	0.92	0.23	U
75-69-4	Trichlorofluoromethane	ND	7.4	1.3	U
107-06-2	1,2-Dichloroethane	ND	1.8	0.47	U
71-55-6	1,1,1-Trichloroethane	ND	0.92	0.31	U
75-27-4	Bromodichloromethane	ND	0.92	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.50	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.92	0.29	U
75-25-2	Bromoform	ND	7.4	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.92	0.31	U
71-43-2	Benzene	ND	0.92	0.31	U
108-88-3	Toluene	ND	1.8	1.0	U
100-41-4	Ethylbenzene	ND	1.8	0.26	U
74-87-3	Chloromethane	ND	7.4	1.7	U
74-83-9	Bromomethane	ND	3.7	1.1	U
75-01-4	Vinyl chloride	ND	1.8	0.62	U
75-00-3	Chloroethane	ND	3.7	0.83	U
75-35-4	1,1-Dichloroethene	ND	1.8	0.44	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B18	Instrument ID	: VOA117
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.8	0.25	U	
79-01-6	Trichloroethene	ND	0.92	0.25	U	
95-50-1	1,2-Dichlorobenzene	ND	3.7	0.26	U	
541-73-1	1,3-Dichlorobenzene	ND	3.7	0.27	U	
106-46-7	1,4-Dichlorobenzene	ND	3.7	0.32	U	
1634-04-4	Methyl tert butyl ether	ND	3.7	0.37	U	
179601-23-1	p/m-Xylene	ND	3.7	1.0	U	
95-47-6	o-Xylene	ND	1.8	0.54	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.32	U	
100-42-5	Styrene	ND	1.8	0.36	U	
75-71-8	Dichlorodifluoromethane	ND	18	1.7	U	
67-64-1	Acetone	ND	18	8.9	U	
75-15-0	Carbon disulfide	ND	18	8.4	U	
78-93-3	2-Butanone	ND	18	4.1	U	
108-10-1	4-Methyl-2-pentanone	ND	18	2.4	U	
591-78-6	2-Hexanone	ND	18	2.2	U	UJ
74-97-5	Bromochloromethane	ND	3.7	0.38	U	
106-93-4	1,2-Dibromoethane	ND	1.8	0.51	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	1.8	U	
98-82-8	Isopropylbenzene	ND	1.8	0.20	U	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	0.59	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.50	U	
79-20-9	Methyl Acetate	ND	7.4	1.8	U	
110-82-7	Cyclohexane	ND	18	1.0	U	
123-91-1	1,4-Dioxane	ND	150	65.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-10	**Date Collected**	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 19:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B18	**Instrument ID**	: VOA117
Sample Amount	: 3.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 77
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	7.4	1.3	U
108-87-2	Methyl cyclohexane	ND	7.4	1.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B19	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.6	3.0	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.3	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.17	U
124-48-1	Dibromochloromethane	ND	1.3	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.36	U
127-18-4	Tetrachloroethene	ND	0.66	0.26	U
108-90-7	Chlorobenzene	ND	0.66	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.3	0.92	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U
71-55-6	1,1,1-Trichloroethane	ND	0.66	0.22	U
75-27-4	Bromodichloromethane	ND	0.66	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.36	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.66	0.21	U
75-25-2	Bromoform	ND	5.3	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.66	0.22	U
71-43-2	Benzene	ND	0.66	0.22	U
108-88-3	Toluene	ND	1.3	0.72	U
100-41-4	Ethylbenzene	0.19	1.3	0.19	J
74-87-3	Chloromethane	ND	5.3	1.2	U
74-83-9	Bromomethane	ND	2.7	0.77	U
75-01-4	Vinyl chloride	ND	1.3	0.45	U
75-00-3	Chloroethane	ND	2.7	0.60	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.32	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B19	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U	
79-01-6	Trichloroethene	ND	0.66	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U	
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U	
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U	
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U	
179601-23-1	p/m-Xylene	ND	2.7	0.74	U	
95-47-6	o-Xylene	ND	1.3	0.39	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.23	U	
100-42-5	Styrene	ND	1.3	0.26	U	
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U	
67-64-1	Acetone	29	13	6.4		
75-15-0	Carbon disulfide	ND	13	6.0	U	
78-93-3	2-Butanone	5.8	13	3.0	J	
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U	
591-78-6	2-Hexanone	ND	13	1.6	U	UJ
74-97-5	Bromochloromethane	ND	2.7	0.27	U	
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.3	U	
98-82-8	Isopropylbenzene	ND	1.3	0.14	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.43	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.36	U	
79-20-9	Methyl Acetate	ND	5.3	1.3	U	
110-82-7	Cyclohexane	ND	13	0.72	U	
123-91-1	1,4-Dioxane	ND	110	47.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-11	**Date Collected**	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 19:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B19	**Instrument ID**	: VOA117
Sample Amount	: 4.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 82
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.3	0.92	U
108-87-2	Methyl cyclohexane	ND	5.3	0.80	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B20	Instrument ID	: VOA117
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.5	2.5	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U	
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U	
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U	
127-18-4	Tetrachloroethene	0.46	0.55	0.21	J	
108-90-7	Chlorobenzene	ND	0.55	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U	
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U	
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U	
75-27-4	Bromodichloromethane	ND	0.55	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U	
75-25-2	Bromoform	ND	4.4	0.27	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U	
71-43-2	Benzene	0.28	0.55	0.18	J	
108-88-3	Toluene	0.62	1.1	0.59	J	J
100-41-4	Ethylbenzene	ND	1.1	0.15	U	
74-87-3	Chloromethane	ND	4.4	1.0	U	
74-83-9	Bromomethane	ND	2.2	0.63	U	
75-01-4	Vinyl chloride	ND	1.1	0.37	U	
75-00-3	Chloroethane	ND	2.2	0.49	U	
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 19:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B20	Instrument ID	: VOA117
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U	
79-01-6	Trichloroethene	ND	0.55	0.15	U	
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U	
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U	
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U	
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U	
179601-23-1	p/m-Xylene	ND	2.2	0.61	U	
95-47-6	o-Xylene	ND	1.1	0.32	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U	
100-42-5	Styrene	ND	1.1	0.21	U	
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U	
67-64-1	Acetone	ND	11	5.2	U	
75-15-0	Carbon disulfide	ND	11	5.0	U	
78-93-3	2-Butanone	ND	11	2.4	U	
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U	
591-78-6	2-Hexanone	ND	11	1.3	U	UJ
74-97-5	Bromochloromethane	ND	2.2	0.22	U	
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U	
98-82-8	Isopropylbenzene	ND	1.1	0.12	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U	
79-20-9	Methyl Acetate	ND	4.4	1.0	U	
110-82-7	Cyclohexane	ND	11	0.59	U	
123-91-1	1,4-Dioxane	ND	87	38.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-12	**Date Collected**	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 19:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B20	**Instrument ID**	: VOA117
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 79
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 20:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B21	Instrument ID	: VOA117
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.3	3.8	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.24	U
67-66-3	Chloroform	ND	2.5	0.23	U
56-23-5	Carbon tetrachloride	ND	1.6	0.38	U
78-87-5	1,2-Dichloropropane	ND	1.6	0.21	U
124-48-1	Dibromochloromethane	ND	1.6	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.44	U
127-18-4	Tetrachloroethene	ND	0.83	0.32	U
108-90-7	Chlorobenzene	ND	0.83	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.6	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.43	U
71-55-6	1,1,1-Trichloroethane	ND	0.83	0.28	U
75-27-4	Bromodichloromethane	ND	0.83	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.45	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.83	0.26	U
75-25-2	Bromoform	ND	6.6	0.41	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.83	0.28	U
71-43-2	Benzene	ND	0.83	0.28	U
108-88-3	Toluene	ND	1.6	0.90	U
100-41-4	Ethylbenzene	ND	1.6	0.23	U
74-87-3	Chloromethane	ND	6.6	1.5	U
74-83-9	Bromomethane	ND	3.3	0.96	U
75-01-4	Vinyl chloride	ND	1.6	0.56	U
75-00-3	Chloroethane	ND	3.3	0.75	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.39	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 20:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V17250711B21	Instrument ID	: VOA117
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U	
79-01-6	Trichloroethene	ND	0.83	0.23	U	
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.24	U	
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.24	U	
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.28	U	
1634-04-4	Methyl tert butyl ether	ND	3.3	0.33	U	
179601-23-1	p/m-Xylene	ND	3.3	0.93	U	
95-47-6	o-Xylene	ND	1.6	0.48	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.29	U	
100-42-5	Styrene	ND	1.6	0.32	U	
75-71-8	Dichlorodifluoromethane	ND	16	1.5	U	
67-64-1	Acetone	67	16	8.0		
75-15-0	Carbon disulfide	ND	16	7.5	U	
78-93-3	2-Butanone	19	16	3.7		
108-10-1	4-Methyl-2-pentanone	ND	16	2.1	U	
591-78-6	2-Hexanone	ND	16	2.0	U	UJ
74-97-5	Bromochloromethane	ND	3.3	0.34	U	
106-93-4	1,2-Dibromoethane	ND	1.6	0.46	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.6	U	
98-82-8	Isopropylbenzene	ND	1.6	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	0.53	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.45	U	
79-20-9	Methyl Acetate	ND	6.6	1.6	U	
110-82-7	Cyclohexane	ND	16	0.90	U	
123-91-1	1,4-Dioxane	ND	130	58.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-13	**Date Collected**	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 20:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V17250711B21	**Instrument ID**	: VOA117
Sample Amount	: 4.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 73
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	6.6	1.1	U
108-87-2	Methyl cyclohexane	ND	6.6	1.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250708N12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250708N12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.8	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250708N12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-15	Date Collected	: 07/01/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 13:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V17250711B06	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-15	Date Collected	: 07/01/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 13:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V17250711B06	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-15	**Date Collected**	: 07/01/25 00:00
Client ID	: TRIP BLANK	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 13:52
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V17250711B06	**Instrument ID**	: VOA117
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 100
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01D	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-01D1	Analyst	: JG
Sample Amount	: 30.44 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	130	720	94.	J	
118-74-1	Hexachlorobenzene	ND	540	100	U	
111-44-4	Bis(2-chloroethyl)ether	ND	810	120	U	
91-58-7	2-Chloronaphthalene	ND	900	90.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	900	240	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	900	180	U	
606-20-2	2,6-Dinitrotoluene	ND	900	160	U	
206-44-0	Fluoranthene	20000	540	100		
7005-72-3	4-Chlorophenyl phenyl ether	ND	900	97.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	900	140	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	1100	150	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	980	91.	U	
87-68-3	Hexachlorobutadiene	ND	900	130	U	
77-47-4	Hexachlorocyclopentadiene	ND	2600	820	U	
67-72-1	Hexachloroethane	ND	720	150	U	
78-59-1	Isophorone	ND	810	120	U	
91-20-3	Naphthalene	210	900	110	J	
98-95-3	Nitrobenzene	ND	810	130	U	
86-30-6	NDPA/DPA	ND	720	100	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	900	140	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	900	310	U	
85-68-7	Butyl benzyl phthalate	ND	900	230	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01D	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-01D1	Analyst	: JG
Sample Amount	: 30.44 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	900	170	U	
117-84-0	Di-n-octylphthalate	ND	900	310	U	
84-66-2	Diethyl phthalate	ND	900	84.	U	
131-11-3	Dimethyl phthalate	ND	900	190	U	
56-55-3	Benzo(a)anthracene	13000	540	100		
50-32-8	Benzo(a)pyrene	20000	720	220		
205-99-2	Benzo(b)fluoranthene	18000	540	150		
207-08-9	Benzo(k)fluoranthene	3800	540	140		
218-01-9	Chrysene	12000	540	94.		
208-96-8	Acenaphthylene	5000	720	140		
120-12-7	Anthracene	780	540	180		
191-24-2	Benzo(ghi)perylene	19000	720	110		
86-73-7	Fluorene	ND	900	88.	U	
85-01-8	Phenanthrene	580	540	110		
53-70-3	Dibenzo(a,h)anthracene	1800	540	100		
193-39-5	Indeno(1,2,3-cd)pyrene	12000	720	130		
129-00-0	Pyrene	38000	540	90.	E	J
92-52-4	Biphenyl	ND	2100	120	U	
106-47-8	4-Chloroaniline	ND	900	160	U	UJ
88-74-4	2-Nitroaniline	ND	900	170	U	
99-09-2	3-Nitroaniline	ND	900	170	U	
100-01-6	4-Nitroaniline	ND	900	370	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01D	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-01D1	Analyst	: JG
Sample Amount	: 30.44 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	900	86.	U
91-57-6	2-Methylnaphthalene	ND	1100	110	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	900	94.	U
98-86-2	Acetophenone	140	900	110	J
88-06-2	2,4,6-Trichlorophenol	ND	540	170	U
59-50-7	p-Chloro-m-cresol	ND	900	130	U
95-57-8	2-Chlorophenol	ND	900	110	U
120-83-2	2,4-Dichlorophenol	ND	810	140	U
105-67-9	2,4-Dimethylphenol	ND	900	300	U
88-75-5	2-Nitrophenol	ND	2000	340	U
100-02-7	4-Nitrophenol	ND	1300	370	U
51-28-5	2,4-Dinitrophenol	ND	4300	420	U
534-52-1	4,6-Dinitro-o-cresol	ND	2400	430	U
87-86-5	Pentachlorophenol	ND	720	200	U
108-95-2	Phenol	ND	900	140	U
95-48-7	2-Methylphenol	ND	900	140	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1300	140	U
95-95-4	2,4,5-Trichlorophenol	ND	900	170	U
86-74-8	Carbazole	ND	900	88.	U
1912-24-9	Atrazine	ND	720	320	U
100-52-7	Benzaldehyde	ND	1200	240	U
105-60-2	Caprolactam	ND	900	270	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01D	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-01D1	Analyst	: JG
Sample Amount	: 30.44 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	900	180	U
123-91-1	1,4-Dioxane	ND	140	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-01D2	**Date Collected**	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/10/25 22:39
Sample Matrix	: SOIL	**Date Extracted**	: 07/04/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 25
Lab File ID	: 375-01D1	**Analyst**	: SLR
Sample Amount	: 30.44 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
129-00-0	Pyrene	59000	2700	450	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-02	Analyst	: SMZ
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	64	160	21.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U UJ
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	1200	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	190	200	24.	J
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-02	Analyst	: SMZ
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	200	38.	U	
117-84-0	Di-n-octylphthalate	ND	200	68.	U	
84-66-2	Diethyl phthalate	ND	200	19.	U	
131-11-3	Dimethyl phthalate	ND	200	42.	U	
56-55-3	Benzo(a)anthracene	440	120	23.		
50-32-8	Benzo(a)pyrene	550	160	49.		
205-99-2	Benzo(b)fluoranthene	650	120	34.		
207-08-9	Benzo(k)fluoranthene	220	120	32.		
218-01-9	Chrysene	530	120	21.		
208-96-8	Acenaphthylene	160	160	31.		
120-12-7	Anthracene	140	120	39.		
191-24-2	Benzo(ghi)perylene	420	160	24.		
86-73-7	Fluorene	130	200	20.	J	
85-01-8	Phenanthrene	1000	120	24.		
53-70-3	Dibenzo(a,h)anthracene	83	120	23.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	340	160	28.		
129-00-0	Pyrene	1000	120	20.		
92-52-4	Biphenyl	ND	460	26.	U	
106-47-8	4-Chloroaniline	ND	200	36.	U	UJ
88-74-4	2-Nitroaniline	ND	200	39.	U	
99-09-2	3-Nitroaniline	ND	200	38.	U	
100-01-6	4-Nitroaniline	ND	200	83.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-02	Analyst	: SMZ
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	110	200	19.	J
91-57-6	2-Methylnaphthalene	46	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	120	200	20.	J
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-02	Analyst	: SMZ
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U
123-91-1	1,4-Dioxane	ND	30	9.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:37
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-03	Analyst	: SMZ
Sample Amount	: 30.15 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	270	150	19.		
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U	
206-44-0	Fluoranthene	3000	110	21.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	210	180	22.		
98-95-3	Nitrobenzene	ND	170	27.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U	
85-68-7	Butyl benzyl phthalate	ND	180	46.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:37
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-03	Analyst	: SMZ
Sample Amount	: 30.15 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	180	35.	U	
117-84-0	Di-n-octylphthalate	ND	180	63.	U	
84-66-2	Diethyl phthalate	ND	180	17.	U	
131-11-3	Dimethyl phthalate	ND	180	39.	U	
56-55-3	Benzo(a)anthracene	1400	110	21.		
50-32-8	Benzo(a)pyrene	1300	150	45.		
205-99-2	Benzo(b)fluoranthene	1500	110	31.		
207-08-9	Benzo(k)fluoranthene	550	110	30.		
218-01-9	Chrysene	1400	110	19.		
208-96-8	Acenaphthylene	85	150	28.	J	
120-12-7	Anthracene	500	110	36.		
191-24-2	Benzo(ghi)perylene	830	150	22.		
86-73-7	Fluorene	190	180	18.		
85-01-8	Phenanthrene	2700	110	22.		
53-70-3	Dibenzo(a,h)anthracene	180	110	21.		
193-39-5	Indeno(1,2,3-cd)pyrene	770	150	26.		
129-00-0	Pyrene	2600	110	18.		
92-52-4	Biphenyl	ND	420	24.	U	
106-47-8	4-Chloroaniline	ND	180	34.	U	UJ
88-74-4	2-Nitroaniline	ND	180	36.	U	
99-09-2	3-Nitroaniline	ND	180	35.	U	
100-01-6	4-Nitroaniline	ND	180	76.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:37
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-03	Analyst	: SMZ
Sample Amount	: 30.15 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	150	180	17.	J
91-57-6	2-Methylnaphthalene	94	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	340	180	18.	
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 17:37
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-03	Analyst	: SMZ
Sample Amount	: 30.15 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	28	8.5	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:00
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-04	Analyst	: SMZ
Sample Amount	: 30.23 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	150	19.	U	
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	190	18.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	49.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	78	110	21.	J	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	96	190	23.	J	
98-95-3	Nitrobenzene	ND	170	28.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	64.	U	
85-68-7	Butyl benzyl phthalate	ND	190	47.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:00
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-04	Analyst	: SMZ
Sample Amount	: 30.23 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	190	35.	U	
117-84-0	Di-n-octylphthalate	ND	190	63.	U	
84-66-2	Diethyl phthalate	ND	190	17.	U	
131-11-3	Dimethyl phthalate	ND	190	39.	U	
56-55-3	Benzo(a)anthracene	55	110	21.	J	
50-32-8	Benzo(a)pyrene	80	150	45.	J	
205-99-2	Benzo(b)fluoranthene	81	110	31.	J	
207-08-9	Benzo(k)fluoranthene	30	110	30.	J	
218-01-9	Chrysene	52	110	19.	J	
208-96-8	Acenaphthylene	32	150	29.	J	
120-12-7	Anthracene	ND	110	36.	U	
191-24-2	Benzo(ghi)perylene	86	150	22.	J	
86-73-7	Fluorene	ND	190	18.	U	
85-01-8	Phenanthrene	75	110	23.	J	
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	56	150	26.	J	
129-00-0	Pyrene	97	110	18.	J	
92-52-4	Biphenyl	ND	420	24.	U	
106-47-8	4-Chloroaniline	ND	190	34.	U	UJ
88-74-4	2-Nitroaniline	ND	190	36.	U	
99-09-2	3-Nitroaniline	ND	190	35.	U	
100-01-6	4-Nitroaniline	ND	190	77.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:00
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-04	Analyst	: SMZ
Sample Amount	: 30.23 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	190	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:00
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-04	Analyst	: SMZ
Sample Amount	: 30.23 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:24
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-05	Analyst	: SMZ
Sample Amount	: 30.8 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	64	150	19.	J	
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	960	110	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	28.	U	
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	180	190	23.	J	
98-95-3	Nitrobenzene	ND	170	28.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U	
85-68-7	Butyl benzyl phthalate	ND	190	47.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:24
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-05	Analyst	: SMZ
Sample Amount	: 30.8 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	190	36.	U	
117-84-0	Di-n-octylphthalate	ND	190	64.	U	
84-66-2	Diethyl phthalate	ND	190	17.	U	
131-11-3	Dimethyl phthalate	ND	190	39.	U	
56-55-3	Benzo(a)anthracene	460	110	21.		
50-32-8	Benzo(a)pyrene	380	150	46.		
205-99-2	Benzo(b)fluoranthene	490	110	32.		
207-08-9	Benzo(k)fluoranthene	120	110	30.		
218-01-9	Chrysene	440	110	20.		
208-96-8	Acenaphthylene	87	150	29.	J	
120-12-7	Anthracene	170	110	37.		
191-24-2	Benzo(ghi)perylene	240	150	22.		
86-73-7	Fluorene	56	190	18.	J	
85-01-8	Phenanthrene	670	110	23.		
53-70-3	Dibenzo(a,h)anthracene	57	110	22.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	210	150	26.		
129-00-0	Pyrene	940	110	19.		
92-52-4	Biphenyl	ND	430	24.	U	
106-47-8	4-Chloroaniline	ND	190	34.	U	UJ
88-74-4	2-Nitroaniline	ND	190	36.	U	
99-09-2	3-Nitroaniline	ND	190	35.	U	
100-01-6	4-Nitroaniline	ND	190	78.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:24
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-05	Analyst	: SMZ
Sample Amount	: 30.8 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	43	190	18.	J
91-57-6	2-Methylnaphthalene	50	220	23.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	59	270	29.	J
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	67	190	18.	J
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:24
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-05	Analyst	: SMZ
Sample Amount	: 30.8 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-06	Analyst	: JG
Sample Amount	: 30.72 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	680	150	19.		
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U	
206-44-0	Fluoranthene	7900	110	21.	E	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	400	180	22.		
98-95-3	Nitrobenzene	ND	170	27.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U	
85-68-7	Butyl benzyl phthalate	ND	180	47.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-06	Analyst	: JG
Sample Amount	: 30.72 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	180	35.	U	
117-84-0	Di-n-octylphthalate	ND	180	63.	U	
84-66-2	Diethyl phthalate	ND	180	17.	U	
131-11-3	Dimethyl phthalate	ND	180	39.	U	
56-55-3	Benzo(a)anthracene	4400	110	21.		
50-32-8	Benzo(a)pyrene	3700	150	45.		
205-99-2	Benzo(b)fluoranthene	5100	110	31.		
207-08-9	Benzo(k)fluoranthene	1100	110	30.		
218-01-9	Chrysene	4000	110	19.		
208-96-8	Acenaphthylene	860	150	29.		
120-12-7	Anthracene	1800	110	36.		
191-24-2	Benzo(ghi)perylene	2500	150	22.		
86-73-7	Fluorene	650	180	18.		
85-01-8	Phenanthrene	6500	110	22.		
53-70-3	Dibenzo(a,h)anthracene	620	110	21.		
193-39-5	Indeno(1,2,3-cd)pyrene	2300	150	26.		
129-00-0	Pyrene	7400	110	18.		
92-52-4	Biphenyl	67	420	24.	J	
106-47-8	4-Chloroaniline	ND	180	34.	U	UJ
88-74-4	2-Nitroaniline	ND	180	36.	U	
99-09-2	3-Nitroaniline	ND	180	35.	U	
100-01-6	4-Nitroaniline	ND	180	77.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-06	Analyst	: JG
Sample Amount	: 30.72 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	440	180	18.	
91-57-6	2-Methylnaphthalene	230	220	22.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	47	180	28.	J
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	78	270	29.	J
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	840	180	18.	
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 18:47
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-06	Analyst	: JG
Sample Amount	: 30.72 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	28	8.5	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06D	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 15:11
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-06D1	Analyst	: JG
Sample Amount	: 30.72 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
206-44-0	Fluoranthene	7300	560	110	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-07	Analyst	: SMZ
Sample Amount	: 30.4 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	370	160	20.		
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U	
91-58-7	2-Chloronaphthalene	ND	200	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	4000	120	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U	
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	25.	U	
91-20-3	Naphthalene	490	200	24.		
98-95-3	Nitrobenzene	ND	180	29.	U	
86-30-6	NDPA/DPA	ND	160	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U	
85-68-7	Butyl benzyl phthalate	ND	200	49.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-07	Analyst	: SMZ
Sample Amount	: 30.4 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	200	37.	U	
117-84-0	Di-n-octylphthalate	ND	200	66.	U	
84-66-2	Diethyl phthalate	ND	200	18.	U	
131-11-3	Dimethyl phthalate	ND	200	41.	U	
56-55-3	Benzo(a)anthracene	2000	120	22.		
50-32-8	Benzo(a)pyrene	1700	160	48.		
205-99-2	Benzo(b)fluoranthene	2200	120	33.		
207-08-9	Benzo(k)fluoranthene	570	120	31.		
218-01-9	Chrysene	2000	120	20.		
208-96-8	Acenaphthylene	110	160	30.	J	
120-12-7	Anthracene	840	120	38.		
191-24-2	Benzo(ghi)perylene	1000	160	23.		
86-73-7	Fluorene	350	200	19.		
85-01-8	Phenanthrene	3900	120	24.		
53-70-3	Dibenzo(a,h)anthracene	260	120	23.		
193-39-5	Indeno(1,2,3-cd)pyrene	1000	160	27.		
129-00-0	Pyrene	3600	120	19.		
92-52-4	Biphenyl	80	450	25.	J	
106-47-8	4-Chloroaniline	ND	200	36.	U	UJ
88-74-4	2-Nitroaniline	ND	200	38.	U	
99-09-2	3-Nitroaniline	ND	200	37.	U	
100-01-6	4-Nitroaniline	ND	200	81.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-07	Analyst	: SMZ
Sample Amount	: 30.4 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	210	200	18.	
91-57-6	2-Methylnaphthalene	100	230	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	31.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	270	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	300	200	19.	
1912-24-9	Atrazine	ND	160	68.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	60.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-07	Analyst	: SMZ
Sample Amount	: 30.4 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:33
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-08	Analyst	: SMZ
Sample Amount	: 30.61 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	250	140	19.		
118-74-1	Hexachlorobenzene	ND	110	20.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U	
206-44-0	Fluoranthene	2200	110	21.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	26.	U	
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U	
67-72-1	Hexachloroethane	ND	140	29.	U	
78-59-1	Isophorone	ND	160	23.	U	
91-20-3	Naphthalene	260	180	22.		
98-95-3	Nitrobenzene	ND	160	27.	U	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U	
85-68-7	Butyl benzyl phthalate	ND	180	45.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:33
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-08	Analyst	: SMZ
Sample Amount	: 30.61 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	180	34.	U	
117-84-0	Di-n-octylphthalate	ND	180	61.	U	
84-66-2	Diethyl phthalate	ND	180	17.	U	
131-11-3	Dimethyl phthalate	ND	180	38.	U	
56-55-3	Benzo(a)anthracene	1300	110	20.		
50-32-8	Benzo(a)pyrene	1100	140	44.		
205-99-2	Benzo(b)fluoranthene	1300	110	30.		
207-08-9	Benzo(k)fluoranthene	450	110	29.		
218-01-9	Chrysene	1200	110	19.		
208-96-8	Acenaphthylene	190	140	28.		
120-12-7	Anthracene	600	110	35.		
191-24-2	Benzo(ghi)perylene	640	140	21.		
86-73-7	Fluorene	280	180	18.		
85-01-8	Phenanthrene	2000	110	22.		
53-70-3	Dibenzo(a,h)anthracene	170	110	21.		
193-39-5	Indeno(1,2,3-cd)pyrene	590	140	25.		
129-00-0	Pyrene	2100	110	18.		
92-52-4	Biphenyl	25	410	23.	J	
106-47-8	4-Chloroaniline	ND	180	33.	U	UJ
88-74-4	2-Nitroaniline	ND	180	35.	U	
99-09-2	3-Nitroaniline	ND	180	34.	U	
100-01-6	4-Nitroaniline	ND	180	74.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:33
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-08	Analyst	: SMZ
Sample Amount	: 30.61 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	160	180	17.	J
91-57-6	2-Methylnaphthalene	83	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	86.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	82	260	28.	J
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	130	180	18.	J
1912-24-9	Atrazine	ND	140	63.	U
100-52-7	Benzaldehyde	ND	240	49.	U
105-60-2	Caprolactam	ND	180	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:33
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-08	Analyst	: SMZ
Sample Amount	: 30.61 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	36.	U
123-91-1	1,4-Dioxane	ND	27	8.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-09	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	26000	160	20.	E	J
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U	
91-58-7	2-Chloronaphthalene	ND	200	20.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	830	120	23.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U	
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	26.	U	
91-20-3	Naphthalene	32000	200	24.	E	J
98-95-3	Nitrobenzene	ND	180	29.	U	
86-30-6	NDPA/DPA	ND	160	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U	
85-68-7	Butyl benzyl phthalate	ND	200	50.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-09	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	200	38.	U	
117-84-0	Di-n-octylphthalate	ND	200	67.	U	
84-66-2	Diethyl phthalate	ND	200	18.	U	
131-11-3	Dimethyl phthalate	ND	200	42.	U	
56-55-3	Benzo(a)anthracene	360	120	22.		
50-32-8	Benzo(a)pyrene	300	160	48.		
205-99-2	Benzo(b)fluoranthene	390	120	33.		
207-08-9	Benzo(k)fluoranthene	110	120	32.	J	
218-01-9	Chrysene	370	120	20.		
208-96-8	Acenaphthylene	160	160	30.		
120-12-7	Anthracene	1400	120	39.		
191-24-2	Benzo(ghi)perylene	160	160	23.		
86-73-7	Fluorene	16000	200	19.	E	J
85-01-8	Phenanthrene	20000	120	24.	E	J
53-70-3	Dibenzo(a,h)anthracene	45	120	23.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	160	160	28.		
129-00-0	Pyrene	750	120	20.		
92-52-4	Biphenyl	5600	450	26.		
106-47-8	4-Chloroaniline	ND	200	36.	U	UJ
88-74-4	2-Nitroaniline	ND	200	38.	U	
99-09-2	3-Nitroaniline	ND	200	37.	U	
100-01-6	4-Nitroaniline	ND	200	82.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-09	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	ND	200	19.	U	
91-57-6	2-Methylnaphthalene	18000	240	24.	E	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U	
98-86-2	Acetophenone	ND	200	24.	U	
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U	
59-50-7	p-Chloro-m-cresol	ND	200	29.	U	
95-57-8	2-Chlorophenol	ND	200	23.	U	
120-83-2	2,4-Dichlorophenol	ND	180	32.	U	
105-67-9	2,4-Dimethylphenol	ND	200	65.	U	
88-75-5	2-Nitrophenol	ND	430	74.	U	
100-02-7	4-Nitrophenol	ND	280	81.	U	
51-28-5	2,4-Dinitrophenol	ND	950	92.	U	
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U	
87-86-5	Pentachlorophenol	ND	160	44.	U	
108-95-2	Phenol	ND	200	30.	U	
95-48-7	2-Methylphenol	ND	200	31.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	69	280	31.	J	
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U	
86-74-8	Carbazole	32	200	19.	J	
1912-24-9	Atrazine	ND	160	69.	U	
100-52-7	Benzaldehyde	ND	260	53.	U	
105-60-2	Caprolactam	ND	200	60.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 19:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-09	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09D	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 15:35
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 375-09D1	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	34000	1600	200	
91-20-3	Naphthalene	44000	2000	240	
86-73-7	Fluorene	18000	2000	190	
85-01-8	Phenanthrene	24000	1200	240	
91-57-6	2-Methylnaphthalene	22000	2400	240	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-10	Analyst	: SMZ
Sample Amount	: 30.59 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	500	170	22.		
118-74-1	Hexachlorobenzene	ND	130	24.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U	
91-58-7	2-Chloronaphthalene	ND	210	21.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U	
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U	
206-44-0	Fluoranthene	2100	130	24.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U	
87-68-3	Hexachlorobutadiene	ND	210	31.	U	
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U	
67-72-1	Hexachloroethane	ND	170	34.	U	
78-59-1	Isophorone	ND	190	28.	U	
91-20-3	Naphthalene	4000	210	26.		
98-95-3	Nitrobenzene	ND	190	31.	U	
86-30-6	NDPA/DPA	ND	170	24.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U	
85-68-7	Butyl benzyl phthalate	ND	210	53.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-10	Analyst	: SMZ
Sample Amount	: 30.59 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	210	40.	U	
117-84-0	Di-n-octylphthalate	ND	210	72.	U	
84-66-2	Diethyl phthalate	ND	210	20.	U	
131-11-3	Dimethyl phthalate	ND	210	44.	U	
56-55-3	Benzo(a)anthracene	950	130	24.		
50-32-8	Benzo(a)pyrene	720	170	52.		
205-99-2	Benzo(b)fluoranthene	940	130	36.		
207-08-9	Benzo(k)fluoranthene	260	130	34.		
218-01-9	Chrysene	970	130	22.		
208-96-8	Acenaphthylene	420	170	33.		
120-12-7	Anthracene	940	130	41.		
191-24-2	Benzo(ghi)perylene	410	170	25.		
86-73-7	Fluorene	640	210	21.		
85-01-8	Phenanthrene	3200	130	26.		
53-70-3	Dibenzo(a,h)anthracene	100	130	24.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	360	170	30.		
129-00-0	Pyrene	2200	130	21.		
92-52-4	Biphenyl	340	480	28.	J	
106-47-8	4-Chloroaniline	ND	210	39.	U	UJ
88-74-4	2-Nitroaniline	ND	210	41.	U	
99-09-2	3-Nitroaniline	ND	210	40.	U	
100-01-6	4-Nitroaniline	ND	210	88.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-10	Analyst	: SMZ
Sample Amount	: 30.59 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	360	210	20.	
91-57-6	2-Methylnaphthalene	690	250	26.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	87.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	140	210	32.	J
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	2500	300	33.	
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	310	210	21.	
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-10	Analyst	: SMZ
Sample Amount	: 30.59 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U
123-91-1	1,4-Dioxane	ND	32	9.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-11	Analyst	: SMZ
Sample Amount	: 30.45 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	77	160	21.	J	
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U	
91-58-7	2-Chloronaphthalene	ND	200	20.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	1000	120	23.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U	
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	26.	U	
91-20-3	Naphthalene	200	200	24.		
98-95-3	Nitrobenzene	ND	180	30.	U	
86-30-6	NDPA/DPA	ND	160	23.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U	
85-68-7	Butyl benzyl phthalate	ND	200	50.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-11	Analyst	: SMZ
Sample Amount	: 30.45 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	200	38.	U	
117-84-0	Di-n-octylphthalate	ND	200	68.	U	
84-66-2	Diethyl phthalate	ND	200	18.	U	
131-11-3	Dimethyl phthalate	ND	200	42.	U	
56-55-3	Benzo(a)anthracene	280	120	23.		
50-32-8	Benzo(a)pyrene	170	160	49.		
205-99-2	Benzo(b)fluoranthene	180	120	34.		
207-08-9	Benzo(k)fluoranthene	54	120	32.	J	
218-01-9	Chrysene	220	120	21.		
208-96-8	Acenaphthylene	74	160	31.	J	
120-12-7	Anthracene	390	120	39.		
191-24-2	Benzo(ghi)perylene	150	160	24.	J	
86-73-7	Fluorene	120	200	20.	J	
85-01-8	Phenanthrene	1400	120	24.		
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	98	160	28.	J	
129-00-0	Pyrene	1900	120	20.		
92-52-4	Biphenyl	26	460	26.	J	
106-47-8	4-Chloroaniline	ND	200	36.	U	UJ
88-74-4	2-Nitroaniline	ND	200	39.	U	
99-09-2	3-Nitroaniline	ND	200	38.	U	
100-01-6	4-Nitroaniline	ND	200	83.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-11	Analyst	: SMZ
Sample Amount	: 30.45 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	53	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 20:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-11	Analyst	: SMZ
Sample Amount	: 30.45 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-12	Analyst	: SMZ
Sample Amount	: 30.41 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	260	170	22.		
118-74-1	Hexachlorobenzene	ND	120	23.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U	
91-58-7	2-Chloronaphthalene	ND	210	21.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U	
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U	
206-44-0	Fluoranthene	4100	120	24.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U	
87-68-3	Hexachlorobutadiene	ND	210	30.	U	
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U	
67-72-1	Hexachloroethane	ND	170	34.	U	
78-59-1	Isophorone	ND	190	27.	U	
91-20-3	Naphthalene	220	210	25.		
98-95-3	Nitrobenzene	ND	190	31.	U	
86-30-6	NDPA/DPA	ND	170	24.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U	
85-68-7	Butyl benzyl phthalate	ND	210	52.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-12	Analyst	: SMZ
Sample Amount	: 30.41 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	210	40.	U	
117-84-0	Di-n-octylphthalate	ND	210	71.	U	
84-66-2	Diethyl phthalate	ND	210	19.	U	
131-11-3	Dimethyl phthalate	ND	210	44.	U	
56-55-3	Benzo(a)anthracene	2200	120	23.		
50-32-8	Benzo(a)pyrene	2100	170	51.		
205-99-2	Benzo(b)fluoranthene	2600	120	35.		
207-08-9	Benzo(k)fluoranthene	680	120	33.		
218-01-9	Chrysene	2200	120	22.		
208-96-8	Acenaphthylene	230	170	32.		
120-12-7	Anthracene	740	120	41.		
191-24-2	Benzo(ghi)perylene	1400	170	24.		
86-73-7	Fluorene	260	210	20.		
85-01-8	Phenanthrene	2800	120	25.		
53-70-3	Dibenzo(a,h)anthracene	320	120	24.		
193-39-5	Indeno(1,2,3-cd)pyrene	1300	170	29.		
129-00-0	Pyrene	3700	120	21.		
92-52-4	Biphenyl	36	480	27.	J	
106-47-8	4-Chloroaniline	ND	210	38.	U	UJ
88-74-4	2-Nitroaniline	ND	210	40.	U	
99-09-2	3-Nitroaniline	ND	210	39.	U	
100-01-6	4-Nitroaniline	ND	210	86.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-12	Analyst	: SMZ
Sample Amount	: 30.41 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	150	210	20.	J
91-57-6	2-Methylnaphthalene	86	250	25.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	310	210	20.	
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-12	Analyst	: SMZ
Sample Amount	: 30.41 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:29
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-13	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	7000	180	23.		
118-74-1	Hexachlorobenzene	ND	140	25.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U	
91-58-7	2-Chloronaphthalene	ND	220	22.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	220	60.	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	220	45.	U	
606-20-2	2,6-Dinitrotoluene	ND	220	39.	U	
206-44-0	Fluoranthene	6900	140	26.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U	
87-68-3	Hexachlorobutadiene	ND	220	33.	U	
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U	
67-72-1	Hexachloroethane	ND	180	36.	U	
78-59-1	Isophorone	ND	200	29.	U	
91-20-3	Naphthalene	24000	220	27.	E	J
98-95-3	Nitrobenzene	ND	200	33.	U	
86-30-6	NDPA/DPA	ND	180	26.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	220	35.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	78.	U	
85-68-7	Butyl benzyl phthalate	ND	220	57.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:29
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-13	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	220	43.	U	
117-84-0	Di-n-octylphthalate	ND	220	77.	U	
84-66-2	Diethyl phthalate	ND	220	21.	U	
131-11-3	Dimethyl phthalate	ND	220	47.	U	
56-55-3	Benzo(a)anthracene	4600	140	25.		
50-32-8	Benzo(a)pyrene	6600	180	55.		
205-99-2	Benzo(b)fluoranthene	5700	140	38.		
207-08-9	Benzo(k)fluoranthene	1200	140	36.		
218-01-9	Chrysene	4400	140	23.		
208-96-8	Acenaphthylene	1700	180	35.		
120-12-7	Anthracene	2900	140	44.		
191-24-2	Benzo(ghi)perylene	5200	180	26.		
86-73-7	Fluorene	1400	220	22.		
85-01-8	Phenanthrene	2200	140	27.		
53-70-3	Dibenzo(a,h)anthracene	490	140	26.		
193-39-5	Indeno(1,2,3-cd)pyrene	3300	180	31.		
129-00-0	Pyrene	11000	140	22.	E	J
92-52-4	Biphenyl	1300	510	29.		
106-47-8	4-Chloroaniline	ND	220	41.	U	UJ
88-74-4	2-Nitroaniline	ND	220	43.	U	
99-09-2	3-Nitroaniline	ND	220	42.	U	
100-01-6	4-Nitroaniline	ND	220	93.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:29
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-13	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	73	220	21.	J
91-57-6	2-Methylnaphthalene	1900	270	27.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	24.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	220	34.	U
95-57-8	2-Chlorophenol	ND	220	27.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	490	85.	U
100-02-7	4-Nitrophenol	ND	320	92.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	590	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	35.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	150	320	35.	J
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	81	220	22.	J
1912-24-9	Atrazine	ND	180	79.	U
100-52-7	Benzaldehyde	ND	300	61.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 21:29
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41375-13	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	46.	U
123-91-1	1,4-Dioxane	ND	34	10.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13D	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 15:58
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 375-13D1	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	31000	1100	140	
129-00-0	Pyrene	12000	680	110	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:43
Sample Matrix	: WATER	Date Extracted	: 07/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 41375-14	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.13	0.10	0.02		
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	0.28	0.10	0.03		
87-86-5	Pentachlorophenol	0.17	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14RE	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 11:34
Sample Matrix	: WATER	Date Extracted	: 07/09/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 41375-14	Analyst	: DV
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	ND	0.10	0.02	U	
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	0.19	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 16:56
Sample Matrix	: WATER	Date Extracted	: 07/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107082519	Analyst	: DB
Sample Amount	: 925 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
123-91-1	1,4-Dioxane	67.9	162	36.6	J	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 18:52
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-18	Analyst	: JAG
Sample Amount	: 30.44 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	181	11.4	U
93-76-5	2,4,5-T	ND	181	5.61	U
93-72-1	2,4,5-TP (Silvex)	ND	181	4.81	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/05/25 23:00
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-48	Analyst	: EJL
Sample Amount	: 30.37 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	203	12.8	U
93-76-5	2,4,5-T	ND	203	6.30	U
93-72-1	2,4,5-TP (Silvex)	ND	203	5.41	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/05/25 23:38
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-50	Analyst	: EJL
Sample Amount	: 30.82 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	181	11.4	U
93-76-5	2,4,5-T	ND	181	5.61	U
93-72-1	2,4,5-TP (Silvex)	ND	181	4.81	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/05/25 23:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-51	Analyst	: EJL
Sample Amount	: 30.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	184	11.6	U
93-76-5	2,4,5-T	ND	184	5.69	U
93-72-1	2,4,5-TP (Silvex)	ND	184	4.88	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 00:15
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-52	Analyst	: EJL
Sample Amount	: 30.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	189	11.9	U
93-76-5	2,4,5-T	ND	189	5.86	U
93-72-1	2,4,5-TP (Silvex)	ND	189	5.02	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 00:33
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-53	Analyst	: EJL
Sample Amount	: 30.42 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	187	11.8	U
93-76-5	2,4,5-T	ND	187	5.80	U
93-72-1	2,4,5-TP (Silvex)	ND	187	4.98	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-54	Analyst	: EJL
Sample Amount	: 30.87 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	193	12.1	U
93-76-5	2,4,5-T	ND	193	5.98	U
93-72-1	2,4,5-TP (Silvex)	ND	193	5.13	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 01:11
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-55	Analyst	: EJL
Sample Amount	: 30.31 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	182	11.4	U
93-76-5	2,4,5-T	ND	182	5.64	U
93-72-1	2,4,5-TP (Silvex)	ND	182	4.84	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 01:29
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-56	Analyst	: EJL
Sample Amount	: 30.49 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	196	12.3	U
93-76-5	2,4,5-T	ND	196	6.07	U
93-72-1	2,4,5-TP (Silvex)	ND	196	5.20	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 01:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-57	Analyst	: EJL
Sample Amount	: 30.75 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	211	13.3	U
93-76-5	2,4,5-T	ND	211	6.55	U
93-72-1	2,4,5-TP (Silvex)	ND	211	5.62	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 02:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-58	Analyst	: EJL
Sample Amount	: 30.35 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	201	12.7	U
93-76-5	2,4,5-T	ND	201	6.24	U
93-72-1	2,4,5-TP (Silvex)	ND	201	5.36	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 02:25
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-59	Analyst	: EJL
Sample Amount	: 30.71 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	206	13.0	U
93-76-5	2,4,5-T	ND	206	6.40	U
93-72-1	2,4,5-TP (Silvex)	ND	206	5.49	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/06/25 03:02
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250705a-61	Analyst	: EJL
Sample Amount	: 30.85 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	222	14.0	U
93-76-5	2,4,5-T	ND	222	6.88	U
93-72-1	2,4,5-TP (Silvex)	ND	222	5.90	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:09
Sample Matrix	: WATER	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-15	Analyst	: JAG
Sample Amount	: 1000 ml	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 12:34
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-14	Analyst	: MEO
Sample Amount	: 10.43 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	52.8	4.69	U
11104-28-2	Aroclor 1221	ND	52.8	5.29	U
11141-16-5	Aroclor 1232	ND	52.8	11.2	U
53469-21-9	Aroclor 1242	ND	52.8	7.12	U
12672-29-6	Aroclor 1248	ND	52.8	7.92	U
11097-69-1	Aroclor 1254	ND	52.8	5.78	U
11096-82-5	Aroclor 1260	ND	52.8	9.76	U
37324-23-5	Aroclor 1262	ND	52.8	6.70	U
11100-14-4	Aroclor 1268	ND	52.8	5.47	U
1336-36-3	PCBs, Total	ND	52.8	4.69	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 12:42
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-15	Analyst	: MEO
Sample Amount	: 10.27 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	60.1	5.34	U
11104-28-2	Aroclor 1221	ND	60.1	6.02	U
11141-16-5	Aroclor 1232	ND	60.1	12.7	U
53469-21-9	Aroclor 1242	ND	60.1	8.10	U
12672-29-6	Aroclor 1248	ND	60.1	9.02	U
11097-69-1	Aroclor 1254	ND	60.1	6.58	U
11096-82-5	Aroclor 1260	ND	60.1	11.1	U
37324-23-5	Aroclor 1262	ND	60.1	7.63	U
11100-14-4	Aroclor 1268	ND	60.1	6.23	U
1336-36-3	PCBs, Total	ND	60.1	5.34	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 12:50
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-16	Analyst	: MEO
Sample Amount	: 10.31 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	54.1	4.80	U
11104-28-2	Aroclor 1221	ND	54.1	5.42	U
11141-16-5	Aroclor 1232	ND	54.1	11.5	U
53469-21-9	Aroclor 1242	ND	54.1	7.29	U
12672-29-6	Aroclor 1248	ND	54.1	8.11	U
11097-69-1	Aroclor 1254	ND	54.1	5.91	U
11096-82-5	Aroclor 1260	ND	54.1	9.99	U
37324-23-5	Aroclor 1262	ND	54.1	6.87	U
11100-14-4	Aroclor 1268	ND	54.1	5.60	U
1336-36-3	PCBs, Total	ND	54.1	4.80	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 12:58
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-17	Analyst	: MEO
Sample Amount	: 10.38 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	54.2	4.81	U
11104-28-2	Aroclor 1221	ND	54.2	5.43	U
11141-16-5	Aroclor 1232	ND	54.2	11.5	U
53469-21-9	Aroclor 1242	ND	54.2	7.30	U
12672-29-6	Aroclor 1248	ND	54.2	8.13	U
11097-69-1	Aroclor 1254	ND	54.2	5.93	U
11096-82-5	Aroclor 1260	ND	54.2	10.0	U
37324-23-5	Aroclor 1262	ND	54.2	6.88	U
11100-14-4	Aroclor 1268	ND	54.2	5.61	U
1336-36-3	PCBs, Total	ND	54.2	4.81	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:06
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-18	Analyst	: MEO
Sample Amount	: 10.9 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.1	4.71	U
11104-28-2	Aroclor 1221	ND	53.1	5.32	U
11141-16-5	Aroclor 1232	ND	53.1	11.2	U
53469-21-9	Aroclor 1242	ND	53.1	7.16	U
12672-29-6	Aroclor 1248	ND	53.1	7.96	U
11097-69-1	Aroclor 1254	ND	53.1	5.81	U
11096-82-5	Aroclor 1260	ND	53.1	9.81	U
37324-23-5	Aroclor 1262	ND	53.1	6.74	U
11100-14-4	Aroclor 1268	ND	53.1	5.50	U
1336-36-3	PCBs, Total	ND	53.1	4.71	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:15
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-19	Analyst	: MEO
Sample Amount	: 10.08 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	56.5	5.02	U
11104-28-2	Aroclor 1221	ND	56.5	5.66	U
11141-16-5	Aroclor 1232	ND	56.5	12.0	U
53469-21-9	Aroclor 1242	ND	56.5	7.62	U
12672-29-6	Aroclor 1248	ND	56.5	8.47	U
11097-69-1	Aroclor 1254	ND	56.5	6.18	U
11096-82-5	Aroclor 1260	ND	56.5	10.4	U
37324-23-5	Aroclor 1262	ND	56.5	7.17	U
11100-14-4	Aroclor 1268	14.7	56.5	5.85	J
1336-36-3	PCBs, Total	14.7	56.5	5.02	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-20	Analyst	: MEO
Sample Amount	: 10.73 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	55.5	4.93	U
11104-28-2	Aroclor 1221	ND	55.5	5.56	U
11141-16-5	Aroclor 1232	ND	55.5	11.8	U
53469-21-9	Aroclor 1242	ND	55.5	7.48	U
12672-29-6	Aroclor 1248	ND	55.5	8.32	U
11097-69-1	Aroclor 1254	ND	55.5	6.07	U
11096-82-5	Aroclor 1260	ND	55.5	10.2	U
37324-23-5	Aroclor 1262	ND	55.5	7.04	U
11100-14-4	Aroclor 1268	ND	55.5	5.75	U
1336-36-3	PCBs, Total	ND	55.5	4.93	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:31
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-21	Analyst	: MEO
Sample Amount	: 10.41 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.0	4.70	U
11104-28-2	Aroclor 1221	ND	53.0	5.31	U
11141-16-5	Aroclor 1232	ND	53.0	11.2	U
53469-21-9	Aroclor 1242	ND	53.0	7.14	U
12672-29-6	Aroclor 1248	ND	53.0	7.94	U
11097-69-1	Aroclor 1254	ND	53.0	5.79	U
11096-82-5	Aroclor 1260	ND	53.0	9.79	U
37324-23-5	Aroclor 1262	ND	53.0	6.72	U
11100-14-4	Aroclor 1268	ND	53.0	5.49	U
1336-36-3	PCBs, Total	ND	53.0	4.70	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:39
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-22	Analyst	: MEO
Sample Amount	: 10.26 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	58.2	5.16	U
11104-28-2	Aroclor 1221	ND	58.2	5.83	U
11141-16-5	Aroclor 1232	ND	58.2	12.3	U
53469-21-9	Aroclor 1242	ND	58.2	7.84	U
12672-29-6	Aroclor 1248	ND	58.2	8.72	U
11097-69-1	Aroclor 1254	ND	58.2	6.36	U
11096-82-5	Aroclor 1260	ND	58.2	10.7	U
37324-23-5	Aroclor 1262	ND	58.2	7.38	U
11100-14-4	Aroclor 1268	ND	58.2	6.02	U
1336-36-3	PCBs, Total	ND	58.2	5.16	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-23	Analyst	: MEO
Sample Amount	: 10.49 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	61.9	5.50	U
11104-28-2	Aroclor 1221	ND	61.9	6.20	U
11141-16-5	Aroclor 1232	ND	61.9	13.1	U
53469-21-9	Aroclor 1242	ND	61.9	8.34	U
12672-29-6	Aroclor 1248	ND	61.9	9.28	U
11097-69-1	Aroclor 1254	ND	61.9	6.77	U
11096-82-5	Aroclor 1260	ND	61.9	11.4	U
37324-23-5	Aroclor 1262	ND	61.9	7.86	U
11100-14-4	Aroclor 1268	ND	61.9	6.41	U
1336-36-3	PCBs, Total	ND	61.9	5.50	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 13:56
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-24	Analyst	: MEO
Sample Amount	: 10.17 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	60.1	5.34	U
11104-28-2	Aroclor 1221	ND	60.1	6.02	U
11141-16-5	Aroclor 1232	ND	60.1	12.7	U
53469-21-9	Aroclor 1242	ND	60.1	8.10	U
12672-29-6	Aroclor 1248	ND	60.1	9.02	U
11097-69-1	Aroclor 1254	ND	60.1	6.58	U
11096-82-5	Aroclor 1260	ND	60.1	11.1	U
37324-23-5	Aroclor 1262	ND	60.1	7.63	U
11100-14-4	Aroclor 1268	ND	60.1	6.23	U
1336-36-3	PCBs, Total	ND	60.1	5.34	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 14:04
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-25	Analyst	: MEO
Sample Amount	: 10.51 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
12674-11-2	Aroclor 1016	ND	60.3	5.35	U	
11104-28-2	Aroclor 1221	ND	60.3	6.04	U	
11141-16-5	Aroclor 1232	ND	60.3	12.8	U	
53469-21-9	Aroclor 1242	ND	60.3	8.13	U	
12672-29-6	Aroclor 1248	ND	60.3	9.04	U	
11097-69-1	Aroclor 1254	ND	60.3	6.60	U	
37324-23-5	Aroclor 1262	ND	60.3	7.66	U	
11100-14-4	Aroclor 1268	6.88	60.3	6.25	J	R

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 14:04
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-25	Analyst	: MEO
Sample Amount	: 10.51 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
11096-82-5	Aroclor 1260	ND	60.3	11.1	U	
1336-36-3	PCBs, Total	6.88	60.3	5.35	J	R

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 14:12
Sample Matrix	: SOIL	Date Extracted	: 07/04/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250707a-26	Analyst	: MEO
Sample Amount	: 10.62 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	64.5	5.73	U
11104-28-2	Aroclor 1221	ND	64.5	6.46	U
11141-16-5	Aroclor 1232	ND	64.5	13.7	U
53469-21-9	Aroclor 1242	ND	64.5	8.69	U
12672-29-6	Aroclor 1248	ND	64.5	9.67	U
11097-69-1	Aroclor 1254	ND	64.5	7.06	U
11096-82-5	Aroclor 1260	ND	64.5	11.9	U
37324-23-5	Aroclor 1262	ND	64.5	8.19	U
11100-14-4	Aroclor 1268	ND	64.5	6.68	U
1336-36-3	PCBs, Total	ND	64.5	5.73	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/03/25 12:47
Sample Matrix	: WATER	Date Extracted	: 07/03/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250703a-32	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:14
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-19	Analyst	: EJL
Sample Amount	: 15.06 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.76	0.344	U
58-89-9	Lindane	ND	0.731	0.327	U
319-84-6	Alpha-BHC	ND	0.731	0.208	U
319-85-7	Beta-BHC	ND	1.76	0.665	U
76-44-8	Heptachlor	ND	0.878	0.393	U
309-00-2	Aldrin	ND	1.76	0.618	U
1024-57-3	Heptachlor epoxide	ND	3.29	0.987	U
72-20-8	Endrin	ND	0.731	0.300	U
7421-93-4	Endrin aldehyde	ND	2.19	0.768	U
53494-70-5	Endrin ketone	ND	1.76	0.452	U
60-57-1	Dieldrin	ND	1.10	0.548	U
72-55-9	4,4'-DDE	ND	1.76	0.406	U
72-54-8	4,4'-DDD	ND	1.76	0.626	U
50-29-3	4,4'-DDT	ND	1.76	1.41	U
959-98-8	Endosulfan I	ND	1.76	0.415	U
33213-65-9	Endosulfan II	ND	1.76	0.586	U
1031-07-8	Endosulfan sulfate	ND	0.731	0.348	U
72-43-5	Methoxychlor	ND	3.29	1.02	U
8001-35-2	Toxaphene	ND	32.9	9.21	U
5103-71-9	cis-Chlordane	ND	2.19	0.611	U
5103-74-2	trans-Chlordane	ND	2.19	0.579	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:14
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-19	Analyst	: EJL
Sample Amount	: 15.06 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.6	5.81	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:27
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-20	Analyst	: EJL
Sample Amount	: 15.82 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.87	0.367	U
58-89-9	Lindane	ND	0.780	0.349	U
319-84-6	Alpha-BHC	ND	0.780	0.222	U
319-85-7	Beta-BHC	ND	1.87	0.710	U
76-44-8	Heptachlor	ND	0.936	0.420	U
309-00-2	Aldrin	ND	1.87	0.659	U
1024-57-3	Heptachlor epoxide	ND	3.51	1.05	U
72-20-8	Endrin	ND	0.780	0.320	U
7421-93-4	Endrin aldehyde	ND	2.34	0.819	U
53494-70-5	Endrin ketone	ND	1.87	0.482	U
60-57-1	Dieldrin	ND	1.17	0.585	U
72-55-9	4,4'-DDE	ND	1.87	0.433	U
72-54-8	4,4'-DDD	ND	1.87	0.668	U
50-29-3	4,4'-DDT	ND	1.87	1.51	U
959-98-8	Endosulfan I	ND	1.87	0.442	U
33213-65-9	Endosulfan II	ND	1.87	0.626	U
1031-07-8	Endosulfan sulfate	ND	0.780	0.371	U
72-43-5	Methoxychlor	ND	3.51	1.09	U
8001-35-2	Toxaphene	ND	35.1	9.83	U
5103-71-9	cis-Chlordane	ND	2.34	0.652	U
5103-74-2	trans-Chlordane	ND	2.34	0.618	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:27
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-20	Analyst	: EJL
Sample Amount	: 15.82 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.6	6.20	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-21	Analyst	: EJL
Sample Amount	: 15.46 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.73	0.339	U
58-89-9	Lindane	ND	0.721	0.322	U
319-84-6	Alpha-BHC	ND	0.721	0.205	U
319-85-7	Beta-BHC	ND	1.73	0.656	U
76-44-8	Heptachlor	ND	0.865	0.388	U
309-00-2	Aldrin	ND	1.73	0.609	U
1024-57-3	Heptachlor epoxide	ND	3.24	0.973	U
72-20-8	Endrin	ND	0.721	0.296	U
7421-93-4	Endrin aldehyde	ND	2.16	0.757	U
53494-70-5	Endrin ketone	ND	1.73	0.446	U
60-57-1	Dieldrin	ND	1.08	0.541	U
72-55-9	4,4'-DDE	ND	1.73	0.400	U
72-54-8	4,4'-DDD	ND	1.73	0.617	U
50-29-3	4,4'-DDT	ND	1.73	1.39	U
959-98-8	Endosulfan I	ND	1.73	0.409	U
33213-65-9	Endosulfan II	ND	1.73	0.578	U
1031-07-8	Endosulfan sulfate	ND	0.721	0.343	U
72-43-5	Methoxychlor	ND	3.24	1.01	U
8001-35-2	Toxaphene	ND	32.4	9.08	U
5103-71-9	cis-Chlordane	ND	2.16	0.603	U
5103-74-2	trans-Chlordane	ND	2.16	0.571	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-21	Analyst	: EJL
Sample Amount	: 15.46 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.4	5.73	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:51
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-22	Analyst	: EJL
Sample Amount	: 15.42 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.75	0.343	U
58-89-9	Lindane	ND	0.729	0.326	U
319-84-6	Alpha-BHC	ND	0.729	0.207	U
319-85-7	Beta-BHC	ND	1.75	0.664	U
76-44-8	Heptachlor	ND	0.875	0.392	U
309-00-2	Aldrin	ND	1.75	0.616	U
1024-57-3	Heptachlor epoxide	ND	3.28	0.985	U
72-20-8	Endrin	ND	0.729	0.299	U
7421-93-4	Endrin aldehyde	ND	2.19	0.766	U
53494-70-5	Endrin ketone	ND	1.75	0.451	U
60-57-1	Dieldrin	ND	1.09	0.547	U
72-55-9	4,4'-DDE	ND	1.75	0.405	U
72-54-8	4,4'-DDD	ND	1.75	0.624	U
50-29-3	4,4'-DDT	ND	1.75	1.41	U
959-98-8	Endosulfan I	ND	1.75	0.414	U
33213-65-9	Endosulfan II	ND	1.75	0.585	U
1031-07-8	Endosulfan sulfate	ND	0.729	0.347	U
72-43-5	Methoxychlor	ND	3.28	1.02	U
8001-35-2	Toxaphene	ND	32.8	9.19	U
5103-71-9	cis-Chlordane	ND	2.19	0.610	U
5103-74-2	trans-Chlordane	ND	2.19	0.578	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 11:51
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-22	Analyst	: EJL
Sample Amount	: 15.42 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.6	5.80	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:04
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-23	Analyst	: EJL
Sample Amount	: 15.7 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.77	0.346	U
58-89-9	Lindane	ND	0.737	0.330	U
319-84-6	Alpha-BHC	ND	0.737	0.209	U
319-85-7	Beta-BHC	ND	1.77	0.671	U
76-44-8	Heptachlor	ND	0.885	0.397	U
309-00-2	Aldrin	ND	1.77	0.623	U
1024-57-3	Heptachlor epoxide	ND	3.32	0.995	U
72-20-8	Endrin	ND	0.737	0.302	U
7421-93-4	Endrin aldehyde	ND	2.21	0.774	U
53494-70-5	Endrin ketone	ND	1.77	0.456	U
60-57-1	Dieldrin	ND	1.10	0.553	U
72-55-9	4,4'-DDE	2.19	1.77	0.409	
72-54-8	4,4'-DDD	1.30	1.77	0.631	J
50-29-3	4,4'-DDT	ND	1.77	1.42	U
959-98-8	Endosulfan I	ND	1.77	0.418	U
33213-65-9	Endosulfan II	ND	1.77	0.591	U
1031-07-8	Endosulfan sulfate	ND	0.737	0.351	U
72-43-5	Methoxychlor	ND	3.32	1.03	U
8001-35-2	Toxaphene	ND	33.2	9.29	U
5103-71-9	cis-Chlordane	ND	2.21	0.616	U
5103-74-2	trans-Chlordane	ND	2.21	0.584	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:04
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-23	Analyst	: EJL
Sample Amount	: 15.7 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.7	5.86	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:16
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-24	Analyst	: EJL
Sample Amount	: 15.78 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.73	0.339	U
58-89-9	Lindane	ND	0.722	0.323	U
319-84-6	Alpha-BHC	ND	0.722	0.205	U
319-85-7	Beta-BHC	ND	1.73	0.657	U
76-44-8	Heptachlor	ND	0.866	0.388	U
309-00-2	Aldrin	ND	1.73	0.610	U
1024-57-3	Heptachlor epoxide	ND	3.25	0.974	U
72-20-8	Endrin	ND	0.722	0.296	U
7421-93-4	Endrin aldehyde	ND	2.16	0.758	U
53494-70-5	Endrin ketone	ND	1.73	0.446	U
60-57-1	Dieldrin	ND	1.08	0.541	U
72-55-9	4,4'-DDE	2.35	1.73	0.400	J+
72-54-8	4,4'-DDD	ND	1.73	0.618	U
50-29-3	4,4'-DDT	ND	1.73	1.39	U
959-98-8	Endosulfan I	ND	1.73	0.409	U
33213-65-9	Endosulfan II	ND	1.73	0.579	U
1031-07-8	Endosulfan sulfate	ND	0.722	0.344	U
72-43-5	Methoxychlor	ND	3.25	1.01	U
8001-35-2	Toxaphene	ND	32.5	9.09	U
5103-71-9	cis-Chlordane	ND	2.16	0.603	U
5103-74-2	trans-Chlordane	ND	2.16	0.572	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:16
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-24	Analyst	: EJL
Sample Amount	: 15.78 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.4	5.74	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:28
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-25	Analyst	: EJL
Sample Amount	: 15.12 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.89	0.370	U
58-89-9	Lindane	ND	0.787	0.352	U
319-84-6	Alpha-BHC	ND	0.787	0.224	U
319-85-7	Beta-BHC	ND	1.89	0.716	U
76-44-8	Heptachlor	ND	0.945	0.424	U
309-00-2	Aldrin	ND	1.89	0.665	U
1024-57-3	Heptachlor epoxide	ND	3.54	1.06	U
72-20-8	Endrin	ND	0.787	0.323	U
7421-93-4	Endrin aldehyde	ND	2.36	0.827	U
53494-70-5	Endrin ketone	ND	1.89	0.486	U
60-57-1	Dieldrin	ND	1.18	0.590	U
72-55-9	4,4'-DDE	ND	1.89	0.437	U
72-54-8	4,4'-DDD	ND	1.89	0.674	U
959-98-8	Endosulfan I	ND	1.89	0.446	U
33213-65-9	Endosulfan II	ND	1.89	0.631	U
1031-07-8	Endosulfan sulfate	ND	0.787	0.375	U
72-43-5	Methoxychlor	ND	3.54	1.10	U
8001-35-2	Toxaphene	ND	35.4	9.92	U
5103-71-9	cis-Chlordane	ND	2.36	0.658	U
5103-74-2	trans-Chlordane	ND	2.36	0.624	U
57-74-9	Chlordane	ND	15.7	6.26	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:28
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-25	Analyst	: EJL
Sample Amount	: 15.12 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
50-29-3	4,4'-DDT	ND	1.89	1.52	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:41
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-26	Analyst	: EJL
Sample Amount	: 15.66 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.69	0.331	U
58-89-9	Lindane	ND	0.704	0.315	U
319-84-6	Alpha-BHC	ND	0.704	0.200	U
319-85-7	Beta-BHC	ND	1.69	0.641	U
76-44-8	Heptachlor	ND	0.845	0.379	U
309-00-2	Aldrin	ND	1.69	0.595	U
1024-57-3	Heptachlor epoxide	ND	3.17	0.950	U
72-20-8	Endrin	ND	0.704	0.289	U
7421-93-4	Endrin aldehyde	ND	2.11	0.739	U
53494-70-5	Endrin ketone	ND	1.69	0.435	U
60-57-1	Dieldrin	ND	1.06	0.528	U
72-55-9	4,4'-DDE	ND	1.69	0.391	U
72-54-8	4,4'-DDD	ND	1.69	0.603	U
50-29-3	4,4'-DDT	ND	1.69	1.36	U
959-98-8	Endosulfan I	ND	1.69	0.399	U
33213-65-9	Endosulfan II	ND	1.69	0.565	U
1031-07-8	Endosulfan sulfate	ND	0.704	0.335	U
72-43-5	Methoxychlor	ND	3.17	0.986	U
8001-35-2	Toxaphene	ND	31.7	8.87	U
5103-71-9	cis-Chlordane	ND	2.11	0.588	U
5103-74-2	trans-Chlordane	ND	2.11	0.558	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:41
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-26	Analyst	: EJL
Sample Amount	: 15.66 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.1	5.60	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 12:53
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-27	Analyst	: EJL
Sample Amount	: 15.35 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.86	0.365	U
58-89-9	Lindane	ND	0.777	0.348	U
319-84-6	Alpha-BHC	ND	0.777	0.221	U
319-85-7	Beta-BHC	ND	1.86	0.707	U
76-44-8	Heptachlor	ND	0.933	0.418	U
309-00-2	Aldrin	ND	1.86	0.657	U
1024-57-3	Heptachlor epoxide	ND	3.50	1.05	U
72-20-8	Endrin	ND	0.777	0.319	U
7421-93-4	Endrin aldehyde	ND	2.33	0.816	U
53494-70-5	Endrin ketone	ND	1.86	0.480	U
60-57-1	Dieldrin	ND	1.17	0.583	U
72-55-9	4,4'-DDE	ND	1.86	0.431	U
72-54-8	4,4'-DDD	ND	1.86	0.665	U
50-29-3	4,4'-DDT	ND	1.86	1.50	U
959-98-8	Endosulfan I	ND	1.86	0.441	U
33213-65-9	Endosulfan II	ND	1.86	0.623	U
1031-07-8	Endosulfan sulfate	ND	0.777	0.370	U
72-43-5	Methoxychlor	ND	3.50	1.09	U
8001-35-2	Toxaphene	ND	35.0	9.80	U
5103-71-9	cis-Chlordane	ND	2.33	0.650	U
5103-74-2	trans-Chlordane	ND	2.33	0.616	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-09	**Date Collected**	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/08/25 12:53
Sample Matrix	: SOIL	**Date Extracted**	: 07/06/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 18250708a-27	**Analyst**	: EJL
Sample Amount	: 15.35 g	**Instrument ID**	: PEST18
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	15.5	6.18	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:05
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-28	Analyst	: EJL
Sample Amount	: 15.45 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	2.02	0.395	U
58-89-9	Lindane	ND	0.840	0.376	U
319-84-6	Alpha-BHC	ND	0.840	0.239	U
319-85-7	Beta-BHC	ND	2.02	0.765	U
76-44-8	Heptachlor	ND	1.01	0.452	U
309-00-2	Aldrin	ND	2.02	0.710	U
1024-57-3	Heptachlor epoxide	ND	3.78	1.13	U
72-20-8	Endrin	ND	0.840	0.345	U
7421-93-4	Endrin aldehyde	ND	2.52	0.883	U
53494-70-5	Endrin ketone	ND	2.02	0.519	U
60-57-1	Dieldrin	ND	1.26	0.630	U
72-55-9	4,4'-DDE	ND	2.02	0.466	U
72-54-8	4,4'-DDD	ND	2.02	0.720	U
50-29-3	4,4'-DDT	ND	2.02	1.62	U
959-98-8	Endosulfan I	ND	2.02	0.477	U
33213-65-9	Endosulfan II	ND	2.02	0.674	U
1031-07-8	Endosulfan sulfate	ND	0.840	0.400	U
72-43-5	Methoxychlor	ND	3.78	1.18	U
8001-35-2	Toxaphene	ND	37.8	10.6	U
5103-71-9	cis-Chlordane	ND	2.52	0.703	U
5103-74-2	trans-Chlordane	ND	2.52	0.666	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:05
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-28	Analyst	: EJL
Sample Amount	: 15.45 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	16.8	6.68	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:17
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-29	Analyst	: EJL
Sample Amount	: 15.28 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.92	0.376	U
58-89-9	Lindane	ND	0.800	0.358	U
319-84-6	Alpha-BHC	ND	0.800	0.227	U
319-85-7	Beta-BHC	ND	1.92	0.728	U
76-44-8	Heptachlor	ND	0.960	0.430	U
309-00-2	Aldrin	ND	1.92	0.676	U
1024-57-3	Heptachlor epoxide	ND	3.60	1.08	U
72-20-8	Endrin	ND	0.800	0.328	U
7421-93-4	Endrin aldehyde	ND	2.40	0.840	U
53494-70-5	Endrin ketone	ND	1.92	0.494	U
60-57-1	Dieldrin	ND	1.20	0.600	U
72-55-9	4,4'-DDE	ND	1.92	0.444	U
72-54-8	4,4'-DDD	ND	1.92	0.685	U
50-29-3	4,4'-DDT	ND	1.92	1.54	U
959-98-8	Endosulfan I	ND	1.92	0.454	U
33213-65-9	Endosulfan II	ND	1.92	0.642	U
1031-07-8	Endosulfan sulfate	ND	0.800	0.381	U
72-43-5	Methoxychlor	ND	3.60	1.12	U
8001-35-2	Toxaphene	ND	36.0	10.1	U
5103-71-9	cis-Chlordane	ND	2.40	0.669	U
5103-74-2	trans-Chlordane	ND	2.40	0.634	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-11	**Date Collected**	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/08/25 13:17
Sample Matrix	: SOIL	**Date Extracted**	: 07/06/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 18250708a-29	**Analyst**	: EJL
Sample Amount	: 15.28 g	**Instrument ID**	: PEST18
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	16.0	6.36	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:30
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-30	Analyst	: EJL
Sample Amount	: 15.6 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.95	0.382	U
58-89-9	Lindane	ND	0.812	0.363	U
319-84-6	Alpha-BHC	ND	0.812	0.231	U
319-85-7	Beta-BHC	ND	1.95	0.739	U
76-44-8	Heptachlor	ND	0.975	0.437	U
309-00-2	Aldrin	ND	1.95	0.686	U
1024-57-3	Heptachlor epoxide	ND	3.66	1.10	U
72-20-8	Endrin	ND	0.812	0.333	U
7421-93-4	Endrin aldehyde	ND	2.44	0.853	U
53494-70-5	Endrin ketone	ND	1.95	0.502	U
60-57-1	Dieldrin	ND	1.22	0.609	U
72-55-9	4,4'-DDE	ND	1.95	0.451	U
72-54-8	4,4'-DDD	ND	1.95	0.695	U
50-29-3	4,4'-DDT	ND	1.95	1.57	U
959-98-8	Endosulfan I	ND	1.95	0.461	U
33213-65-9	Endosulfan II	ND	1.95	0.652	U
1031-07-8	Endosulfan sulfate	ND	0.812	0.387	U
72-43-5	Methoxychlor	ND	3.66	1.14	U
8001-35-2	Toxaphene	ND	36.6	10.2	U
5103-71-9	cis-Chlordane	ND	2.44	0.679	U
5103-74-2	trans-Chlordane	ND	2.44	0.643	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-12	**Date Collected**	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/08/25 13:30
Sample Matrix	: SOIL	**Date Extracted**	: 07/06/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 18250708a-30	**Analyst**	: EJL
Sample Amount	: 15.6 g	**Instrument ID**	: PEST18
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	16.2	6.46	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:41
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-31	Analyst	: EJL
Sample Amount	: 15.98 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	2.06	0.403	U
58-89-9	Lindane	ND	0.857	0.383	U
319-84-6	Alpha-BHC	ND	0.857	0.243	U
319-85-7	Beta-BHC	ND	2.06	0.780	U
76-44-8	Heptachlor	ND	1.03	0.461	U
309-00-2	Aldrin	ND	2.06	0.724	U
1024-57-3	Heptachlor epoxide	ND	3.86	1.16	U
72-20-8	Endrin	ND	0.857	0.351	U
7421-93-4	Endrin aldehyde	ND	2.57	0.900	U
53494-70-5	Endrin ketone	ND	2.06	0.530	U
60-57-1	Dieldrin	ND	1.28	0.643	U
72-55-9	4,4'-DDE	ND	2.06	0.476	U
72-54-8	4,4'-DDD	ND	2.06	0.734	U
50-29-3	4,4'-DDT	ND	2.06	1.65	U
959-98-8	Endosulfan I	ND	2.06	0.486	U
33213-65-9	Endosulfan II	ND	2.06	0.688	U
1031-07-8	Endosulfan sulfate	ND	0.857	0.408	U
72-43-5	Methoxychlor	ND	3.86	1.20	U
8001-35-2	Toxaphene	ND	38.6	10.8	U
5103-71-9	cis-Chlordane	ND	2.57	0.717	U
5103-74-2	trans-Chlordane	ND	2.57	0.679	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 13:41
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250708a-31	Analyst	: EJL
Sample Amount	: 15.98 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	17.1	6.82	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/03/25 19:17
Sample Matrix	: WATER	Date Extracted	: 07/03/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250703b-54	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/03/25 19:17
Sample Matrix	: WATER	Date Extracted	: 07/03/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250703b-54	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:24
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_12	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.035	0.798	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.031	0.200	0.015	JF
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.034	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.379	0.200	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.058	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:24
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_12	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:24
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_12	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:33
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_13	Analyst	: AC
Sample Amount	: 6.22 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.794	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.397	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.198	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.794	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.198	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.198	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.198	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.198	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.096	0.198	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.794	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.198	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.198	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.198	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.198	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.794	0.257	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.198	0.029	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.198	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.198	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:33
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_13	Analyst	: AC
Sample Amount	: 6.22 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.198	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.198	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.198	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.198	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.198	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.198	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.794	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.794	0.029	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.198	0.021	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.794	0.029	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.794	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.198	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.198	0.021	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.98	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:33
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_13	Analyst	: AC
Sample Amount	: 6.22 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.98	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.397	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.397	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.397	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.397	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.992	0.091	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.96	0.234	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.96	0.363	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:42
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_14	Analyst	: AC
Sample Amount	: 5.57 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.191	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.046	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.083	0.200	0.031	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:42
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_14	Analyst	: AC
Sample Amount	: 5.57 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:42
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_14	Analyst	: AC
Sample Amount	: 5.57 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.083	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:51
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_15	Analyst	: AC
Sample Amount	: 5.63 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.018	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.523	0.200	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.054	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:51
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_15	Analyst	: AC
Sample Amount	: 5.63 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:51
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_15	Analyst	: AC
Sample Amount	: 5.63 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:00
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_16	Analyst	: AC
Sample Amount	: 5.81 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.160	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.039	0.199	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.188	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:00
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_16	Analyst	: AC
Sample Amount	: 5.81 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:00
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_16	Analyst	: AC
Sample Amount	: 5.81 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:09
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_17	Analyst	: AC
Sample Amount	: 5.69 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.037	0.801	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.038	0.400	0.038	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.801	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.050	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.647	0.200	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.801	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.801	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:09
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_17	Analyst	: AC
Sample Amount	: 5.69 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.801	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.801	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.801	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.801	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:09
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_17	Analyst	: AC
Sample Amount	: 5.69 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.083	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_18	Analyst	: AC
Sample Amount	: 5.95 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.073	0.800	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.028	0.200	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.075	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.310	0.200	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.043	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_18	Analyst	: AC
Sample Amount	: 5.95 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.014	0.200	0.010	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_18	Analyst	: AC
Sample Amount	: 5.95 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:26
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_19	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.163	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.034	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:26
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_19	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:26
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_19	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:35
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_20	Analyst	: AC
Sample Amount	: 5.97 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.050	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:35
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_20	Analyst	: AC
Sample Amount	: 5.97 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:35
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_20	Analyst	: AC
Sample Amount	: 5.97 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:44
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_21	Analyst	: AC
Sample Amount	: 6.49 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.174	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.031	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:44
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_21	Analyst	: AC
Sample Amount	: 6.49 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 07:44
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_21	Analyst	: AC
Sample Amount	: 6.49 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:14
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_24	Analyst	: AC
Sample Amount	: 6.16 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.794	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.397	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.198	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.794	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.198	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.198	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.198	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.198	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.055	0.198	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.794	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.198	0.044	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.198	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.198	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.198	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.794	0.257	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.198	0.029	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.198	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.198	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:14
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_24	Analyst	: AC
Sample Amount	: 6.16 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.198	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.198	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.198	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.198	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.198	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.198	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.794	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.794	0.029	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.198	0.021	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.794	0.029	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.794	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.198	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.198	0.021	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.98	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:14
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_24	Analyst	: AC
Sample Amount	: 6.16 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.98	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.397	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.397	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.397	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.397	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.992	0.091	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.96	0.234	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.96	0.363	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:23
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_25	Analyst	: AC
Sample Amount	: 6.36 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.064	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.077	0.199	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.873	0.199	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:23
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_25	Analyst	: AC
Sample Amount	: 6.36 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:23
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_25	Analyst	: AC
Sample Amount	: 6.36 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:32
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_26	Analyst	: AC
Sample Amount	: 6.86 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.050	0.200	0.026	JF
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.023	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:32
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_26	Analyst	: AC
Sample Amount	: 6.86 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:32
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_26	Analyst	: AC
Sample Amount	: 6.86 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/04/25 09:39
Sample Matrix	: WATER	Date Extracted	: 07/02/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250704_31	Analyst	: CAP
Sample Amount	: 295.88 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	10.8	0.892	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	5.41	0.608	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.70	0.676	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	10.8	1.54	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.70	0.419	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	2.70	0.351	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.70	0.406	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.70	0.230	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.70	0.446	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	10.8	8.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.70	0.338	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.70	0.446	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.70	0.446	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.70	0.351	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	10.8	2.07	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	2.70	0.338	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.70	0.811	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.70	0.297	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/04/25 09:39
Sample Matrix	: WATER	Date Extracted	: 07/02/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250704_31	Analyst	: CAP
Sample Amount	: 295.88 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.70	0.230	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	2.70	0.162	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.70	0.811	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.70	0.365	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.70	0.311	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	2.70	0.270	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	10.8	2.70	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	10.8	0.635	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	2.70	0.406	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	10.8	0.744	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	10.8	0.757	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	2.70	0.378	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	2.70	0.595	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	27.0	2.20	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/04/25 09:39
Sample Matrix	: WATER	Date Extracted	: 07/02/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250704_31	Analyst	: CAP
Sample Amount	: 295.88 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	27.0	1.86	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	5.41	0.419	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	5.41	0.608	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	5.41	0.554	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	5.41	0.919	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	13.5	0.906	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	67.6	7.19	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	67.6	5.38	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 21:43
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.278g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5490	8.62	2.80	
7440-36-0	Antimony, Total	6.98	4.31	3.32	J-
7440-38-2	Arsenic, Total	7.70	0.862	0.372	J-
7440-41-7	Beryllium, Total	0.349	0.431	0.047	J
7440-43-9	Cadmium, Total	0.428	0.862	0.047	J
7440-70-2	Calcium, Total	10000	8.62	4.89	J
7440-47-3	Chromium, Total	14.2	0.862	0.731	
7440-48-4	Cobalt, Total	5.15	1.72	0.214	
7440-50-8	Copper, Total	41.0	0.862	0.196	J-
7439-89-6	Iron, Total	10200	4.31	0.905	
7439-92-1	Lead, Total	1100	4.31	0.205	
7439-95-4	Magnesium, Total	4190	8.62	1.40	
7439-96-5	Manganese, Total	224	0.862	0.462	
7440-02-0	Nickel, Total	18.3	2.15	0.696	
7440-09-7	Potassium, Total	718	215	43.7	
7782-49-2	Selenium, Total	ND	1.72	0.284	U
7440-22-4	Silver, Total	0.276	0.431	0.257	J
7440-23-5	Sodium, Total	ND	172	91.3	U
7440-28-0	Thallium, Total	ND	1.72	0.777	U
7440-62-2	Vanadium, Total	16.9	0.862	0.130	
7440-66-6	Zinc, Total	651	4.31	0.522	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-02	Date Collected	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 21:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.286g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3420	9.60	3.12		
7440-36-0	Antimony, Total	ND	4.80	3.70	U	UJ
7440-38-2	Arsenic, Total	6.25	0.960	0.415		J-
7440-39-3	Barium, Total	142	0.960	0.102		J+
7440-41-7	Beryllium, Total	0.307	0.480	0.053	J	
7440-43-9	Cadmium, Total	0.092	0.960	0.053	J	
7440-70-2	Calcium, Total	4680	9.60	5.44		J
7440-47-3	Chromium, Total	7.22	0.960	0.814		
7440-48-4	Cobalt, Total	3.10	1.92	0.238		
7440-50-8	Copper, Total	33.9	0.960	0.218		J-
7439-89-6	Iron, Total	6580	4.80	1.01		
7439-92-1	Lead, Total	498	4.80	0.228		
7439-95-4	Magnesium, Total	642	9.60	1.56		
7439-96-5	Manganese, Total	120	0.960	0.514		
7440-02-0	Nickel, Total	7.92	2.40	0.776		
7440-09-7	Potassium, Total	521	240	48.7		
7782-49-2	Selenium, Total	1.67	1.92	0.316	J	
7440-22-4	Silver, Total	ND	0.480	0.286	U	
7440-23-5	Sodium, Total	312	192	102.		
7440-28-0	Thallium, Total	ND	1.92	0.866	U	
7440-62-2	Vanadium, Total	15.5	0.960	0.145		
7440-66-6	Zinc, Total	137	4.80	0.582		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 21:36
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.313g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3730	8.49	2.76		
7440-36-0	Antimony, Total	ND	4.24	3.27	U	UJ
7440-38-2	Arsenic, Total	6.43	0.849	0.367		J-
7440-41-7	Beryllium, Total	0.284	0.424	0.047	J	
7440-43-9	Cadmium, Total	0.224	0.849	0.047	J	
7440-47-3	Chromium, Total	7.66	0.849	0.720		
7440-48-4	Cobalt, Total	3.42	1.70	0.210		
7440-50-8	Copper, Total	10.6	0.849	0.193		J-
7439-89-6	Iron, Total	6240	4.24	0.892		
7439-92-1	Lead, Total	375	4.24	0.202		
7439-95-4	Magnesium, Total	4690	8.49	1.38		
7439-96-5	Manganese, Total	205	0.849	0.455		
7440-02-0	Nickel, Total	14.5	2.12	0.686		
7440-09-7	Potassium, Total	1270	212	43.0		
7782-49-2	Selenium, Total	ND	1.70	0.279	U	
7440-22-4	Silver, Total	ND	0.424	0.253	U	
7440-23-5	Sodium, Total	164	170	90.0	J	
7440-28-0	Thallium, Total	ND	1.70	0.766	U	
7440-62-2	Vanadium, Total	11.0	0.849	0.128		
7440-66-6	Zinc, Total	789	4.24	0.514		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 23:00
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.313g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-39-3	Barium, Total	1270	1.70	0.180	J+
7440-70-2	Calcium, Total	59000	17.0	9.63	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 21:39
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.29g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2460	8.72	2.83		
7440-36-0	Antimony, Total	ND	4.36	3.36	U	UJ
7440-38-2	Arsenic, Total	6.23	0.872	0.377		J-
7440-39-3	Barium, Total	46.7	0.872	0.092		J+
7440-41-7	Beryllium, Total	0.173	0.436	0.048	J	
7440-43-9	Cadmium, Total	ND	0.872	0.048	U	
7440-70-2	Calcium, Total	35600	8.72	4.94		J
7440-47-3	Chromium, Total	5.81	0.872	0.739		
7440-48-4	Cobalt, Total	3.01	1.74	0.216		
7440-50-8	Copper, Total	14.3	0.872	0.198		J-
7439-89-6	Iron, Total	4860	4.36	0.916		
7439-92-1	Lead, Total	371	4.36	0.208		
7439-95-4	Magnesium, Total	2200	8.72	1.42		
7439-96-5	Manganese, Total	182	0.872	0.467		
7440-02-0	Nickel, Total	15.8	2.18	0.704		
7440-09-7	Potassium, Total	463	218	44.2		
7782-49-2	Selenium, Total	0.975	1.74	0.287	J	
7440-22-4	Silver, Total	ND	0.436	0.260	U	
7440-23-5	Sodium, Total	121	174	92.4	J	
7440-28-0	Thallium, Total	ND	1.74	0.786	U	
7440-62-2	Vanadium, Total	10.5	0.872	0.132		
7440-66-6	Zinc, Total	161	4.36	0.528		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 20:48
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.307g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2790	8.86	2.88		
7440-36-0	Antimony, Total	ND	4.43	3.41	U	UJ
7440-38-2	Arsenic, Total	9.82	0.886	0.382		J-
7440-39-3	Barium, Total	127	0.886	0.094		J+
7440-41-7	Beryllium, Total	0.253	0.443	0.049	J	
7440-43-9	Cadmium, Total	0.100	0.886	0.049	J	
7440-70-2	Calcium, Total	6880	8.86	5.02		J
7440-47-3	Chromium, Total	7.48	0.886	0.751		
7440-48-4	Cobalt, Total	2.74	1.77	0.220		
7440-50-8	Copper, Total	40.9	0.886	0.201		J-
7439-89-6	Iron, Total	9660	4.43	0.930		
7439-92-1	Lead, Total	692	4.43	0.211		
7439-95-4	Magnesium, Total	1120	8.86	1.44		
7439-96-5	Manganese, Total	96.0	0.886	0.475		
7440-02-0	Nickel, Total	8.25	2.21	0.716		
7440-09-7	Potassium, Total	390	221	44.9		
7782-49-2	Selenium, Total	8.82	1.77	0.291		
7440-22-4	Silver, Total	ND	0.443	0.264	U	
7440-23-5	Sodium, Total	181	177	93.9		
7440-28-0	Thallium, Total	ND	1.77	0.799	U	
7440-62-2	Vanadium, Total	14.1	0.886	0.134		
7440-66-6	Zinc, Total	233	4.43	0.537		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 20:52
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.267g	%Solids	: 88
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3440	8.99	2.92		
7440-36-0	Antimony, Total	ND	4.49	3.46	U	UJ
7440-38-2	Arsenic, Total	35.2	0.899	0.388		J-
7440-39-3	Barium, Total	136	0.899	0.095		J+
7440-41-7	Beryllium, Total	0.255	0.449	0.049	J	
7440-43-9	Cadmium, Total	0.302	0.899	0.049	J	
7440-70-2	Calcium, Total	2160	8.99	5.10		J
7440-47-3	Chromium, Total	22.1	0.899	0.762		
7440-48-4	Cobalt, Total	4.63	1.80	0.223		
7440-50-8	Copper, Total	57.4	0.899	0.204		J-
7439-89-6	Iron, Total	9410	4.49	0.944		
7439-92-1	Lead, Total	1710	4.49	0.214		
7439-95-4	Magnesium, Total	1880	8.99	1.46		
7439-96-5	Manganese, Total	150	0.899	0.482		
7440-02-0	Nickel, Total	19.5	2.25	0.726		
7440-09-7	Potassium, Total	414	225	45.6		
7782-49-2	Selenium, Total	0.458	1.80	0.296	J	
7440-22-4	Silver, Total	ND	0.449	0.268	U	
7440-23-5	Sodium, Total	ND	180	95.3	U	
7440-28-0	Thallium, Total	ND	1.80	0.811	U	
7440-62-2	Vanadium, Total	19.3	0.899	0.136		
7440-66-6	Zinc, Total	114	4.49	0.545		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.309g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5450	9.09	2.96		
7440-36-0	Antimony, Total	ND	4.55	3.50	U	UJ
7440-38-2	Arsenic, Total	5.42	0.909	0.393		J-
7440-39-3	Barium, Total	93.6	0.909	0.096		J+
7440-41-7	Beryllium, Total	0.350	0.455	0.050	J	
7440-43-9	Cadmium, Total	ND	0.909	0.050	U	
7440-70-2	Calcium, Total	7340	9.09	5.16		J
7440-47-3	Chromium, Total	8.86	0.909	0.771		
7440-48-4	Cobalt, Total	3.88	1.82	0.226		
7440-50-8	Copper, Total	92.2	0.909	0.206		J-
7439-89-6	Iron, Total	9740	4.55	0.955		
7439-92-1	Lead, Total	237	4.55	0.216		
7439-95-4	Magnesium, Total	2220	9.09	1.48		
7439-96-5	Manganese, Total	234	0.909	0.487		
7440-02-0	Nickel, Total	9.26	2.27	0.735		
7440-09-7	Potassium, Total	479	227	46.1		
7782-49-2	Selenium, Total	0.472	1.82	0.299	J	
7440-22-4	Silver, Total	0.273	0.455	0.271	J	
7440-23-5	Sodium, Total	101	182	96.4	J	
7440-28-0	Thallium, Total	ND	1.82	0.820	U	
7440-62-2	Vanadium, Total	12.4	0.909	0.137		
7440-66-6	Zinc, Total	50.4	4.55	0.551		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:12
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.269g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3460	8.69	2.82		
7440-36-0	Antimony, Total	ND	4.34	3.34	U	UJ
7440-38-2	Arsenic, Total	14.1	0.869	0.375		J-
7440-39-3	Barium, Total	152	0.869	0.092		J+
7440-41-7	Beryllium, Total	0.251	0.434	0.048	J	
7440-43-9	Cadmium, Total	0.352	0.869	0.048	J	
7440-70-2	Calcium, Total	2180	8.69	4.93		J
7440-47-3	Chromium, Total	8.93	0.869	0.737		
7440-48-4	Cobalt, Total	6.32	1.74	0.215		
7440-50-8	Copper, Total	81.3	0.869	0.197		J-
7439-89-6	Iron, Total	9700	4.34	0.912		
7439-92-1	Lead, Total	636	4.34	0.207		
7439-95-4	Magnesium, Total	790	8.69	1.42		
7439-96-5	Manganese, Total	141	0.869	0.466		
7440-02-0	Nickel, Total	16.8	2.17	0.702		
7440-09-7	Potassium, Total	468	217	44.0		
7782-49-2	Selenium, Total	1.00	1.74	0.286	J	
7440-22-4	Silver, Total	0.270	0.434	0.259	J	
7440-23-5	Sodium, Total	107	174	92.1	J	
7440-28-0	Thallium, Total	ND	1.74	0.784	U	
7440-62-2	Vanadium, Total	14.4	0.869	0.131		
7440-66-6	Zinc, Total	226	4.34	0.526		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:15
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.32g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2560	9.04	2.94		
7440-36-0	Antimony, Total	ND	4.52	3.48	U	UJ
7440-38-2	Arsenic, Total	5.30	0.904	0.390		J-
7440-39-3	Barium, Total	97.3	0.904	0.096		J+
7440-41-7	Beryllium, Total	0.195	0.452	0.050	J	
7440-43-9	Cadmium, Total	0.200	0.904	0.050	J	
7440-70-2	Calcium, Total	6510	9.04	5.12		J
7440-47-3	Chromium, Total	13.8	0.904	0.767		
7440-48-4	Cobalt, Total	3.73	1.81	0.224		
7440-50-8	Copper, Total	49.4	0.904	0.205		J-
7439-89-6	Iron, Total	6420	4.52	0.949		
7439-92-1	Lead, Total	336	4.52	0.215		
7439-95-4	Magnesium, Total	2140	9.04	1.47		
7439-96-5	Manganese, Total	104	0.904	0.484		
7440-02-0	Nickel, Total	13.9	2.26	0.730		
7440-09-7	Potassium, Total	479	226	45.8		
7782-49-2	Selenium, Total	0.906	1.81	0.297	J	
7440-22-4	Silver, Total	ND	0.452	0.269	U	
7440-23-5	Sodium, Total	96.6	181	95.8	J	
7440-28-0	Thallium, Total	ND	1.81	0.815	U	
7440-62-2	Vanadium, Total	13.3	0.904	0.136		
7440-66-6	Zinc, Total	113	4.52	0.548		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:19
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.29g	%Solids	: 77
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	3740	10.1	3.27	
7440-36-0	Antimony, Total	13.2	5.03	3.88	J-
7440-38-2	Arsenic, Total	15.5	1.01	0.435	J-
7440-39-3	Barium, Total	222	1.01	0.107	J+
7440-41-7	Beryllium, Total	0.350	0.503	0.055	J
7440-43-9	Cadmium, Total	0.241	1.01	0.055	J
7440-70-2	Calcium, Total	4950	10.1	5.71	J
7440-47-3	Chromium, Total	16.5	1.01	0.854	
7440-48-4	Cobalt, Total	4.53	2.01	0.250	
7440-50-8	Copper, Total	162	1.01	0.228	J-
7439-89-6	Iron, Total	23400	5.03	1.06	
7439-92-1	Lead, Total	498	5.03	0.240	
7439-95-4	Magnesium, Total	958	10.1	1.64	
7439-96-5	Manganese, Total	106	1.01	0.540	
7440-02-0	Nickel, Total	16.8	2.52	0.813	
7440-09-7	Potassium, Total	574	252	51.0	
7782-49-2	Selenium, Total	5.97	2.01	0.331	
7440-22-4	Silver, Total	0.437	0.503	0.300	J
7440-23-5	Sodium, Total	155	201	107.	J
7440-28-0	Thallium, Total	ND	2.01	0.908	U
7440-62-2	Vanadium, Total	19.3	1.01	0.152	
7440-66-6	Zinc, Total	151	5.03	0.610	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:22
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.291g	%Solids	: 82
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5560	9.47	3.08		
7440-36-0	Antimony, Total	ND	4.73	3.64	U	UJ
7440-38-2	Arsenic, Total	2.72	0.947	0.409		J-
7440-39-3	Barium, Total	63.4	0.947	0.100		J+
7440-41-7	Beryllium, Total	0.306	0.473	0.052	J	
7440-43-9	Cadmium, Total	ND	0.947	0.052	U	
7440-70-2	Calcium, Total	33500	9.47	5.37		J
7440-47-3	Chromium, Total	14.9	0.947	0.803		
7440-48-4	Cobalt, Total	5.54	1.89	0.235		
7440-50-8	Copper, Total	34.0	0.947	0.215		J-
7439-89-6	Iron, Total	9380	4.73	0.994		
7439-92-1	Lead, Total	97.2	4.73	0.225		
7439-95-4	Magnesium, Total	3430	9.47	1.54		
7439-96-5	Manganese, Total	164	0.947	0.508		
7440-02-0	Nickel, Total	35.2	2.37	0.765		
7440-09-7	Potassium, Total	1120	237	48.0		
7782-49-2	Selenium, Total	ND	1.89	0.312	U	
7440-22-4	Silver, Total	ND	0.473	0.282	U	
7440-23-5	Sodium, Total	150	189	100.	J	
7440-28-0	Thallium, Total	ND	1.89	0.854	U	
7440-62-2	Vanadium, Total	16.5	0.947	0.143		
7440-66-6	Zinc, Total	80.6	4.73	0.574		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:26
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.295g	%Solids	: 79
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3130	9.79	3.18		
7440-36-0	Antimony, Total	ND	4.89	3.77	U	UJ
7440-38-2	Arsenic, Total	11.6	0.979	0.423		J-
7440-39-3	Barium, Total	257	0.979	0.104		J+
7440-41-7	Beryllium, Total	0.252	0.489	0.054	J	
7440-43-9	Cadmium, Total	3.62	0.979	0.054		
7440-70-2	Calcium, Total	2550	9.79	5.55		J
7440-47-3	Chromium, Total	29.3	0.979	0.830		
7440-48-4	Cobalt, Total	5.78	1.96	0.243		
7440-50-8	Copper, Total	93.8	0.979	0.222		J-
7439-89-6	Iron, Total	29700	4.89	1.03		
7439-92-1	Lead, Total	745	4.89	0.233		
7439-95-4	Magnesium, Total	1600	9.79	1.60		
7439-96-5	Manganese, Total	185	0.979	0.524		
7440-02-0	Nickel, Total	40.3	2.45	0.791		
7440-09-7	Potassium, Total	352	245	49.6		
7782-49-2	Selenium, Total	0.979	1.96	0.322	J	
7440-22-4	Silver, Total	0.294	0.489	0.292	J	
7440-23-5	Sodium, Total	ND	196	104.	U	
7440-28-0	Thallium, Total	ND	1.96	0.883	U	
7440-62-2	Vanadium, Total	29.8	0.979	0.148		
7440-66-6	Zinc, Total	898	4.89	0.593		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 22:29
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2088852.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.318g	%Solids	: 73
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3780	10.4	3.38		
7440-36-0	Antimony, Total	ND	5.20	4.00	U	UJ
7440-38-2	Arsenic, Total	13.9	1.04	0.449		J-
7440-39-3	Barium, Total	88.4	1.04	0.110		J+
7440-41-7	Beryllium, Total	0.217	0.520	0.057	J	
7440-43-9	Cadmium, Total	0.332	1.04	0.057	J	
7440-70-2	Calcium, Total	4770	10.4	5.89		J
7440-47-3	Chromium, Total	11.9	1.04	0.881		
7440-48-4	Cobalt, Total	5.63	2.08	0.258		
7440-50-8	Copper, Total	93.9	1.04	0.236		J-
7439-89-6	Iron, Total	23100	5.20	1.09		
7439-92-1	Lead, Total	3700	5.20	0.247		
7439-95-4	Magnesium, Total	1610	10.4	1.69		
7439-96-5	Manganese, Total	196	1.04	0.557		
7440-02-0	Nickel, Total	18.0	2.60	0.840		
7440-09-7	Potassium, Total	671	260	52.7		
7782-49-2	Selenium, Total	2.78	2.08	0.342		
7440-22-4	Silver, Total	0.497	0.520	0.310	J	
7440-23-5	Sodium, Total	286	208	110.		
7440-28-0	Thallium, Total	ND	2.08	0.937	U	
7440-62-2	Vanadium, Total	12.7	1.04	0.157		
7440-66-6	Zinc, Total	242	5.20	0.630		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 09:19
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2089377.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.278g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-39-3	Barium, Total	434	2.15	0.228	J+

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 11:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2089389.pdf	Instrument ID	: ICPMSQ3
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/09/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00100	0.00016	U
7440-39-3	Barium, Total	0.00020	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.0718	0.500	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-14	Date Collected	: 07/01/25 13:00
Client ID	: FIELD BLANK	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 18:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2088440.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/09/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-01	Date Collected	: 07/01/25 09:10
Client ID	: 25SB-11 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.344g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.968	0.080	0.052	

Form 1
METALS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541375-02	**Date Collected**	: 07/01/25 09:15
Client ID	: 25SB-11 (11-12)	**Date Received**	: 07/01/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 11:27
Sample Matrix	: SOIL	**Dilution Factor**	: 10
Analytical Method	: 1,7471B	**Analyst**	: JWN
Lab File ID	: WG2089402.pdf	**Instrument ID**	: NIC1
Sample Amount	: 0.314g	**%Solids**	: 81
Digestion Method	: EPA 7471B	**Date Digested**	: 07/10/25

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	8.83	0.983	0.641	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-03	Date Collected	: 07/01/25 10:30
Client ID	: 25SB-14 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.352g	%Solids	: 90
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.166	0.079	0.052	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-04	Date Collected	: 07/01/25 10:40
Client ID	: 25SB-14 (7-9)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.323g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.535	0.087	0.057	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-05	Date Collected	: 07/01/25 11:05
Client ID	: 25SB-14 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.334g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.89	0.087	0.057	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-06	Date Collected	: 07/01/25 11:35
Client ID	: 25SB-13 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.309g	%Solids	: 88
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.562	0.092	0.060	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-07	Date Collected	: 07/01/25 11:50
Client ID	: 25SB-13 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.321g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.858	0.093	0.060	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-08	Date Collected	: 07/01/25 12:50
Client ID	: 25SB-12 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.336g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.27	0.082	0.054	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-09	Date Collected	: 07/01/25 12:55
Client ID	: 25SB-12 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.361g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.604	0.083	0.054	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-10	Date Collected	: 07/01/25 13:30
Client ID	: 25SB-9 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.311g	%Solids	: 77
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.576	0.104	0.068	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-11	Date Collected	: 07/01/25 13:35
Client ID	: 25SB-9 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.311g	%Solids	: 82
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.919	0.098	0.064	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-12	Date Collected	: 07/01/25 12:15
Client ID	: 25SB-10 (0-2)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.352g	%Solids	: 79
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.915	0.090	0.059	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541375-13	Date Collected	: 07/01/25 12:20
Client ID	: 25SB-10 (11-12)	Date Received	: 07/01/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 11:31
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2089402.pdf	Instrument ID	: NIC1
Sample Amount	: 0.362g	%Solids	: 73
Digestion Method	: EPA 7471B	Date Digested	: 07/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	7.47	0.946	0.617	

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2541375

13 Soil Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 for VOA117 on 06-26-25. The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for VOA105 on 06-28-25. The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for VOA110 on 07-01-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 on 07-08-25 (V05250708N02). The RRFs for 1,1,2-trichloroethane and 1,2-dibromoethane were below the method minimums, but not below 0.010 on 07-11-25 (V17250711B01). The RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 07-12-25 (V10250712A01). The %Ds for bromomethane and carbon disulfide were above the method maximum on 07-08-25 (V10250708N02). The %Ds for 9 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-11-25 (V17250711B01). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-12-25 (V10250712A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

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The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane, carbon disulfide, and 1,4-dioxane were above the allowable maximum (20%) on 07-08-25 (V10250708N02). The %Ds for 9 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-11-25 (V17250711B01). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-12-25 (V10250712A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2089845-5BLANK contained a trace of bromomethane (0.76 ug/kg). Method blank WG2089837-12BLANK contained a trace of bromomethane (0.79 ug/kg). The field blank contained a trace of acetone (1.8 ug/L). Positive results for bromomethane that are less than 5 times the field blank level should be reported as not detected (U) in associated samples. Positive results for acetone that are less than 10 times the field blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples, field blank, and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG2089837-3/4 and aqueous samples WG2088397-3/4.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for cyclohexane was above QC limits for soil samples WG2089845-3/4. Positive results for cyclohexane should be considered estimated, biased high (J+) in associated soil samples.

One of two %Rs for 2-hexanone was below QC limits, but not below 10% for soil samples WG2089845-3/4. Positive results for 2-hexanone should be considered estimated, biased low (J-) and “not detected” results estimated (J) in associated soil samples.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2089845-3	Analysis Date : 07/11/25 11:43	File ID : V17250711B01
LCSD Sample ID	: WG2089845-4	Analysis Date : 07/11/25 12:09	File ID : V17250711B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	40	99	40	39	97	2	70-130	30
1,1-Dichloroethane	40	44	111	40	45	113	2	70-130	30
Chloroform	40	39	98	40	41	102	4	70-130	30
Carbon tetrachloride	40	40	101	40	40	100	1	70-130	30
1,2-Dichloropropane	40	44	109	40	47	118	8	70-130	30
Dibromochloromethane	40	33	83	40	36	90	8	70-130	30
1,1,2-Trichloroethane	40	34	84	40	36	90	7	70-130	30
Tetrachloroethene	40	38	96	40	39	98	2	70-130	30
Chlorobenzene	40	35	87	40	37	91	4	70-130	30
Trichlorofluoromethane	40	30	76	40	29	72	5	70-139	30
1,2-Dichloroethane	40	38	94	40	40	100	6	70-130	30
1,1,1-Trichloroethane	40	41	101	40	41	102	1	70-130	30
Bromodichloromethane	40	37	93	40	39	98	5	70-130	30
trans-1,3-Dichloropropene	40	33	83	40	35	87	5	70-130	30
cis-1,3-Dichloropropene	40	39	97	40	42	104	7	70-130	30
Bromoform	40	30	74	40	32	81	9	70-130	30
1,1,2,2-Tetrachloroethane	40	29	72	40	32	81	12	70-130	30
Benzene	40	43	106	40	43	107	1	70-130	30
Toluene	40	32	79	40	33	81	3	70-130	30
Ethylbenzene	40	36	89	40	37	92	3	70-130	30
Chloromethane	40	44	110	40	41	103	7	52-130	30
Bromomethane	40	34	84	40	33	83	1	57-147	30
Vinyl chloride	40	45	111	40	42	105	6	67-130	30
Chloroethane	40	35	87	40	35	86	1	50-151	30
1,1-Dichloroethene	40	47	116	40	45	112	4	65-135	30
trans-1,2-Dichloroethene	40	43	108	40	42	106	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2089845-3	Analysis Date : 07/11/25 11:43	File ID : V17250711B01
LCSD Sample ID	: WG2089845-4	Analysis Date : 07/11/25 12:09	File ID : V17250711B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	42	106	40	44	109	3	70-130	30
1,2-Dichlorobenzene	40	32	80	40	35	86	7	70-130	30
1,3-Dichlorobenzene	40	33	82	40	36	89	8	70-130	30
1,4-Dichlorobenzene	40	33	82	40	35	87	6	70-130	30
Methyl tert butyl ether	40	34	85	40	36	90	6	66-130	30
p/m-Xylene	80	72	90	80	75	94	4	70-130	30
o-Xylene	80	69	87	80	73	91	4	70-130	30
cis-1,2-Dichloroethene	40	41	102	40	41	102	0	70-130	30
Styrene	80	69	86	80	74	92	7	70-130	30
Dichlorodifluoromethane	40	35	86	40	30	75	14	30-146	30
Acetone	40	33	83	40	39	98	17	54-140	30
Carbon disulfide	40	46	115	40	43	108	6	59-130	30
2-Butanone	40	33	83	40	37	93	11	70-130	30
4-Methyl-2-pentanone	40	34	84	40	39	98	15	70-130	30
2-Hexanone	40	28	69 Q	40	31	78	12	70-130	30
Bromochloromethane	40	38	95	40	39	96	1	70-130	30
1,2-Dibromoethane	40	34	86	40	37	91	6	70-130	30
1,2-Dibromo-3-chloropropane	40	27	68	40	33	81	17	68-130	30
Isopropylbenzene	40	34	85	40	36	90	6	70-130	30
1,2,3-Trichlorobenzene	40	31	78	40	35	88	12	70-130	30
1,2,4-Trichlorobenzene	40	33	82	40	36	91	10	70-130	30
Methyl Acetate	40	40	99	40	43	107	8	51-146	30
Cyclohexane	40	57	143 Q	40	56	139	3	59-142	30
1,4-Dioxane	2000	1800	89	2000	1900	93	4	65-136	30
Freon-113	40	49	122	40	47	116	5	50-139	30
Methyl cyclohexane	40	46	116	40	46	116	0	70-130	30

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089845-5	Date Collected	: NA
Client ID	: WG2089845-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 13:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V17250711B04	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	0.76	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089845-5	Date Collected	: NA
Client ID	: WG2089845-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 13:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V17250711B04	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089845-5	Date Collected	: NA
Client ID	: WG2089845-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 13:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V17250711B04	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089837-12	Date Collected	: NA
Client ID	: WG2089837-12BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/25 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V10250712A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	0.79	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089837-12	Date Collected	: NA
Client ID	: WG2089837-12BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/25 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V10250712A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089837-12	Date Collected	: NA
Client ID	: WG2089837-12BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/25 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V10250712A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA117**	**Ical Ref**	**: ICAL22428**
Calibration dates	**: 06/26/25 15:07 06/26/25 19:50**		

Calibration Files

L1 =V17250626A05.D L2 =V17250626A09.D L3 =V17250626A10.D L4 =V17250626A11.D L6 =V17250626A12.D

L7 =V17250626A13.D L8 =V17250626A14.D L0 =V17250626A03.D L1.5=V17250626A07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.200	0.354	0.298	0.291	0.290	0.287	0.278		0.266	0.283	15.04
3)	TP	Chloromethane	0.249	0.285	0.240	0.230	0.219	0.218	0.214		0.314	0.246	14.54
4)	TP	Vinyl chloride	0.297	0.384	0.340	0.329	0.322	0.321	0.314		0.383	0.336	9.43
5)	TP	Bromomethane	0.436	0.381	0.325	0.338	0.364	0.404	0.420		0.452	0.390	11.75
6)	TP	Chloroethane	0.271	0.329	0.283	0.296	0.318	0.386	0.404		0.336	0.328	14.40
7)	TP	Trichlorofluoromethane	0.572	0.924	0.813	0.821	0.814	0.875	0.918		0.678	0.802	15.12
8)	TP	Ethyl ether	0.233	0.217	0.195	0.196	0.185	0.196	0.204		0.226	0.207	8.12
10)	TP	1,1-Dichloroethene	0.172	0.248	0.217	0.211	0.215	0.220	0.226		0.224	0.217	9.83
11)	TP	Carbon disulfide		0.856	0.673	0.640	0.653	0.704	0.738		1.020	0.755	18.22
12)	TP	Freon-113	0.143	0.269	0.240	0.232	0.240	0.249	0.257		0.173	0.226	19.43
14)	TP	Acrolein		0.017	0.012	0.013	0.013	0.014	0.016			0.014	11.91
15)	TP	Methylene chloride	0.312	0.275	0.229	0.226	0.222	0.226	0.227		0.315	0.254	15.99
17)	TP	Acetone	0.318	0.097	0.048	0.045	0.042	0.043	0.041		0.140	*L	0.9970
18)	TP	trans-1,2-Dichloroethene	0.213	0.275	0.249	0.244	0.245	0.256	0.258		0.315	0.257	11.36
19)	TP	Methyl acetate		0.103	0.065	0.066	0.071	0.078	0.084			0.078	18.31
20)	TP	Methyl tert-butyl ether	0.580	0.589	0.545	0.565	0.570	0.594	0.599		0.629	0.584	4.32
21)	TP	tert-Butyl alcohol	0.018	0.016	0.014	0.016	0.016	0.016	0.016		0.017	0.016	7.40
22)	TP	Diisopropyl ether	0.586	0.654	0.582	0.600	0.606	0.625	0.619		0.690	0.620	5.85
23)	TP	1,1-Dichloroethane	0.410	0.458	0.399	0.393	0.390	0.397	0.397		0.496	0.417	9.21
24)	TP	Halothane	0.166	0.235	0.206	0.204	0.207	0.213	0.216		0.222	0.209	9.50
25)	TP	Acrylonitrile		0.033	0.036	0.036	0.037	0.039	0.039		0.032	0.036	7.38
26)	TP	Ethyl tert-butyl ether	0.583	0.611	0.559	0.583	0.590	0.622	0.627		0.624	0.600	4.12
27)	TP	Vinyl acetate		0.219	0.185	0.169	0.151	0.146	0.166			0.173	15.41
28)	TP	cis-1,2-Dichloroethene	0.278	0.298	0.267	0.266	0.265	0.275	0.274		0.326	0.281	7.53
29)	TP	2,2-Dichloropropane	0.358	0.439	0.397	0.391	0.388	0.402	0.401		0.466	0.405	8.14
30)	TP	Bromochloromethane	0.126	0.151	0.128	0.131	0.131	0.136	0.136		0.142	0.135	6.04
31)	TP	Cyclohexane	0.224	0.379	0.340	0.331	0.342	0.355	0.351		0.263	0.323	16.17
32)	TP	Chloroform	0.476	0.537	0.469	0.470	0.466	0.483	0.485		0.555	0.493	6.90
33)	TP	Ethyl acetate		0.162	0.129	0.128	0.126	0.128	0.127			0.133	10.44
34)	TP	Carbon tetrachloride	0.334	0.455	0.412	0.403	0.417	0.429	0.426		0.428	0.413	8.54
35)	TP	Tetrahydrofuran		0.049	0.037	0.039	0.038	0.038	0.037		0.044	0.040	12.05
36)	S	Dibromofluoromethane	0.320	0.298	0.295	0.283	0.278	0.275	0.283	0.316	0.306	0.295	5.62
37)	TP	1,1,1-Trichloroethane	0.361	0.472	0.423	0.421	0.422	0.429	0.424	0.319	0.477	0.417	11.84
39)	TP	2-Butanone		0.072	0.059	0.062	0.053	0.052	0.051			0.058	14.08
40)	TP	1,1-Dichloropropene	0.223	0.337	0.312	0.312	0.316	0.323	0.321	0.180	0.327	0.295	18.49

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA117**	**Ical Ref**	**: ICAL22428**
Calibration dates	**: 06/26/25 15:07 06/26/25 19:50**		

Calibration Files

L1 =V17250626A05.D L2 =V17250626A09.D L3 =V17250626A10.D L4 =V17250626A11.D L6 =V17250626A12.D

L7 =V17250626A13.D L8 =V17250626A14.D L0 =V17250626A03.D L1.5=V17250626A07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
41)	TP	Benzene	0.898	0.976	0.882	0.883	0.908	0.944	0.945	0.805	1.078	0.924	8.18
42)	TP	tert-Amyl methyl ether	0.580	0.611	0.553	0.574	0.602	0.642	0.649		0.631	0.605	5.64
43)	S	1,2-Dichloroethane-d4	0.251	0.246	0.240	0.235	0.238	0.253	0.263	0.245	0.244	0.246	3.45
44)	TP	1,2-Dichloroethane	0.313	0.297	0.263	0.266	0.262	0.266	0.267		0.296	0.279	7.09
47)	TP	Methyl cyclohexane	0.328	0.452	0.418	0.413	0.443	0.472	0.479		0.288	0.412	16.73
48)	TP	Trichloroethene	0.243	0.291	0.264	0.266	0.279	0.298	0.308	0.211	0.328	0.277	12.74
50)	TP	Dibromomethane	0.133	0.160	0.136	0.141	0.141	0.144	0.145		0.160	0.145	6.94
51)	TP	1,2-Dichloropropane	0.195	0.242	0.210	0.212	0.211	0.216	0.217		0.254	0.220	8.70
53)	TP	2-Chloroethyl vinyl ether		0.098	0.092	0.099	0.098	0.106	0.106		0.082	0.097	8.60
54)	TP	Bromodichloromethane	0.376	0.395	0.351	0.354	0.354	0.361	0.361	0.356	0.404	0.368	5.25
57)	TP	1,4-Dioxane		0.001	0.001	0.002	0.001	0.001	0.001		0.001	*L	0.9961
58)	TP	cis-1,3-Dichloropropene	0.333	0.390	0.360	0.368	0.370	0.389	0.392	0.294	0.391	0.365	9.05
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.221	1.209	1.208	1.193	1.178	1.128	1.096	1.225	1.227	1.187	3.88
61)	TP	Toluene	1.031	0.891	0.727	0.729	0.743	0.757	0.746		1.141	0.846	18.94
62)	TP	4-Methyl-2-pentanone		0.050	0.053	0.057	0.057	0.057	0.056			0.055	5.05
63)	TP	Tetrachloroethene	0.270	0.390	0.354	0.361	0.365	0.377	0.378	0.215	0.366	0.342	17.16
65)	TP	trans-1,3-Dichloropropene	0.293	0.375	0.363	0.378	0.383	0.394	0.393		0.359	0.367	8.83
67)	TP	Ethyl methacrylate		0.259	0.246	0.257	0.260	0.265	0.263		0.252	0.257	2.58
68)	TP	1,1,2-Trichloroethane	0.164	0.193	0.177	0.184	0.182	0.184	0.184		0.195	0.183#	5.22
69)	TP	Chlorodibromomethane	0.294	0.347	0.319	0.336	0.342	0.338	0.330	0.280	0.358	0.327	7.76
70)	TP	1,3-Dichloropropane	0.345	0.354	0.335	0.356	0.351	0.348	0.338		0.356	0.348	2.27
71)	TP	1,2-Dibromoethane	0.188	0.233	0.215	0.231	0.231	0.230	0.223	0.159	0.221	0.214	11.65
72)	TP	2-Hexanone		0.118	0.104	0.110	0.106	0.103	0.100			0.107	5.97
73)	TP	Chlorobenzene	0.821	0.944	0.844	0.864	0.878	0.903	0.895	0.840	1.000	0.888	6.33
74)	TP	Ethylbenzene	1.311	1.556	1.408	1.436	1.498	1.552	1.519		1.656	1.492	7.10
75)	TP	1,1,1,2-Tetrachloroethane	0.316	0.352	0.333	0.346	0.365	0.379	0.370	0.303	0.369	0.348	7.55
76)	TP	p/m Xylene	0.498	0.610	0.565	0.594	0.627	0.668	0.676	0.505	0.665	0.601	11.18
77)	TP	o Xylene	0.542	0.588	0.552	0.575	0.610	0.657	0.671	0.519	0.651	0.596	9.17
78)	TP	Styrene	0.861	0.990	0.914	0.989	1.077	1.154	1.166	0.865	1.037	1.006	11.33
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.309	0.352	0.336	0.368	0.394	0.414	0.427		0.364	0.370	10.74
82)	TP	Isopropylbenzene	2.362	2.819	2.542	2.564	2.627	2.729	2.677		2.874	2.649	6.18
83)	S	4-Bromofluorobenzene	0.737	0.737	0.708	0.693	0.676	0.643	0.662	0.738	0.735	0.703	5.21
84)	TP	Bromobenzene	0.631	0.695	0.641	0.645	0.627	0.648	0.659		0.708	0.657	4.52
85)	TP	n-Propylbenzene	2.759	3.257	2.904	2.946	2.997	3.126	3.133		3.239	3.045	5.69

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA117**	**Ical Ref**	**: ICAL22428**
Calibration dates	**: 06/26/25 15:07 06/26/25 19:50**		

Calibration Files

L1 =V17250626A05.D L2 =V17250626A09.D L3 =V17250626A10.D L4 =V17250626A11.D L6 =V17250626A12.D

L7 =V17250626A13.D L8 =V17250626A14.D L0 =V17250626A03.D L1.5=V17250626A07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
86) TP	1,4-Dichlorobutane	0.586	0.556	0.499	0.500	0.495	0.511	0.513		0.580	0.530	7.17
87) TP	1,1,2,2-Tetrachloroethane	0.502	0.519	0.457	0.466	0.453	0.457	0.445	0.532	0.555	0.487	8.29
88) TP	4-Ethyltoluene	2.500	2.794	2.495	2.524	2.557	2.607	2.544		2.821	2.605	4.99
89) TP	2-Chlorotoluene	1.549	1.849	1.586	1.609	1.644	1.669	1.632		1.942	1.685	8.14
90) TP	1,3,5-Trimethylbenzene	2.173	2.380	2.161	2.228	2.273	2.320	2.298		2.492	2.291	4.79
91) TP	1,2,3-Trichloropropane	0.331	0.385	0.332	0.344	0.350	0.348	0.356		0.386	0.354	5.98
92) TP	trans-1,4-Dichloro-2-b...		0.121	0.106	0.114	0.107	0.106	0.104		0.083	0.106	11.07
93) TP	4-Chlorotoluene	1.681	1.874	1.654	1.703	1.710	1.731	1.688		2.008	1.756	6.93
94) TP	tert-Butylbenzene	1.920	2.173	1.973	2.000	2.048	2.158	2.115		2.179	2.071	4.81
97) TP	1,2,4-Trimethylbenzene	2.096	2.317	2.106	2.160	2.209	2.272	2.211		2.382	2.219	4.52
98) TP	sec-Butylbenzene	2.898	3.152	2.921	2.983	3.089	3.167	3.056		2.972	3.030	3.37
99) TP	p-Isopropyltoluene	2.596	2.760	2.571	2.657	2.732	2.833	2.751		2.735	2.704	3.28
100) TP	1,3-Dichlorobenzene	1.243	1.457	1.286	1.329	1.344	1.387	1.354		1.469	1.359	5.73
101) TP	1,4-Dichlorobenzene	1.363	1.486	1.287	1.325	1.317	1.350	1.326		1.514	1.371	6.07
102) TP	p-Diethylbenzene	1.524	1.639	1.530	1.569	1.608	1.682	1.635		1.647	1.604	3.59
103) TP	n-Butylbenzene	2.121	2.398	2.183	2.224	2.258	2.312	2.195		2.230	2.240	3.78
104) TP	1,2-Dichlorobenzene	1.248	1.327	1.186	1.207	1.211	1.252	1.221		1.303	1.244	3.94
105) TP	1,2,4,5-Tetramethylben...	2.416	2.513	2.264	2.340	2.373	2.547	2.526		2.548	2.441	4.43
106) TP	1,2-Dibromo-3-chloropr...	0.057	0.091	0.082	0.088	0.085	0.087	0.087		0.078	0.082	13.41
107) TP	1,3,5-Trichlorobenzene	0.990	1.001	0.924	0.942	0.912	0.962	0.934		1.052	0.965	4.90
108) TP	Hexachlorobutadiene	0.437	0.510	0.457	0.461	0.457	0.485	0.493		0.439	0.467	5.62
109) TP	1,2,4-Trichlorobenzene	0.889	0.836	0.789	0.794	0.755	0.798	0.802		0.863	0.816	5.39
110) TP	Naphthalene	1.704	1.679	1.576	1.621	1.580	1.639	1.629		1.797	1.653	4.39
111) TP	1,2,3-Trichlorobenzene	0.785	0.745	0.694	0.709	0.672	0.705	0.696		0.792	0.725	6.11

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files

L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D

L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluoromethane		0.216	0.299	0.277	0.272	0.269	0.268	0.257	0.265	9.49
3)	TP	Chloromethane		0.279	0.322	0.302	0.294	0.289	0.301	0.300	0.298	4.48
4)	TP	Vinyl chloride	0.253	0.234	0.324	0.303	0.297	0.301	0.305	0.290	0.288	10.37
5)	TP	Bromomethane		0.072	0.071	0.086	0.098	0.116	0.129		*Q	0.9998
6)	TP	Chloroethane		0.173	0.197	0.175	0.163	0.157	0.148	0.122	0.162	14.67
7)	TP	Trichlorofluoromethane		0.304	0.423	0.391	0.372	0.363	0.357	0.340	0.364	10.36
8)	TP	Ethyl ether		0.090	0.092	0.094	0.099	0.095	0.094	0.094	0.094	2.75
10)	TP	1,1-Dichloroethene		0.165	0.212	0.201	0.192	0.189	0.189	0.185	0.190	7.64
11)	TP	Carbon disulfide		0.540	0.667	0.620	0.600	0.617	0.625	0.608	0.611	6.23
12)	TP	Freon-113		0.170	0.231	0.224	0.219	0.210	0.210	0.202	0.209	9.43
13)	TP	Iodomethane									0.000#	-1.00
14)	TP	Acrolein			0.027	0.029	0.032	0.029	0.029	0.030	0.029	5.71
15)	TP	Methylene chloride		0.263	0.266	0.239	0.228	0.222	0.221	0.218	0.237	8.56
17)	TP	Acetone			0.039	0.041	0.041	0.037	0.037	0.038	0.039	5.17
18)	TP	trans-1,2-Dichloroethene		0.205	0.264	0.254	0.239	0.242	0.241	0.234	0.240	7.76
19)	TP	Methyl acetate			0.075	0.099	0.117	0.111	0.110	0.112	0.104	14.72
20)	TP	Methyl tert-butyl ether		0.416	0.410	0.454	0.499	0.484	0.486	0.499	0.464	8.15
21)	TP	tert-Butyl alcohol			0.008	0.009	0.010	0.009	0.009	0.011	0.009#	11.65
22)	TP	Diisopropyl ether		0.683	0.709	0.790	0.853	0.844	0.829	0.820	0.790	8.56
23)	TP	1,1-Dichloroethane		0.457	0.528	0.500	0.477	0.472	0.466	0.453	0.479	5.54
24)	TP	Halothane		0.163	0.201	0.201	0.192	0.192	0.192	0.186	0.190	6.87
25)	TP	Acrylonitrile			0.050	0.059	0.065	0.061	0.060	0.060	0.059	8.06
26)	TP	Ethyl tert-butyl ether		0.481	0.517	0.599	0.664	0.660	0.658	0.667	0.606	12.83
27)	TP	Vinyl acetate			0.267	0.352	0.435	0.434	0.429	0.433	0.392	17.65
28)	TP	cis-1,2-Dichloroethene		0.236	0.281	0.273	0.264	0.263	0.261	0.256	0.262	5.36
29)	TP	2,2-Dichloropropane		0.255	0.325	0.337	0.355	0.361	0.363	0.354	0.336	11.37
30)	TP	Bromochloromethane		0.120	0.131	0.130	0.123	0.113	0.109	0.104	0.119	8.62
31)	TP	Cyclohexane		0.402	0.554	0.569	0.560	0.545	0.546	0.526	0.529	10.87
32)	TP	Chloroform		0.473	0.480	0.437	0.414	0.404	0.398	0.389	0.428	8.51
33)	TP	Ethyl acetate			0.109	0.139	0.166	0.155	0.155	0.162	0.148	14.24
34)	TP	Carbon tetrachloride	0.294	0.265	0.357	0.368	0.366	0.369	0.372	0.361	0.344	11.87
35)	TP	Tetrahydrofuran			0.045	0.050	0.055	0.047	0.045	0.047	0.048	7.60
36)	S	Dibromofluoromethane	0.298	0.293	0.295	0.275	0.268	0.260	0.254	0.254	0.275	6.72
37)	TP	1,1,1-Trichloroethane		0.306	0.401	0.401	0.390	0.387	0.388	0.373	0.378	8.81
39)	TP	2-Butanone			0.041	0.057	0.068	0.065	0.065	0.067	0.061	16.78

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA105	**Ical Ref**	: ICAL22431
Calibration dates	: 06/28/25 01:00 06/28/25 04:49		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropropene		0.225	0.299	0.315	0.315	0.316	0.318	0.309	0.300	11.23
41)	TP	Benzene	0.849	0.783	0.991	1.001	0.984	0.984	0.980	0.953	0.941	8.52
42)	TP	tert-Amyl methyl ether		0.347	0.346	0.416	0.469	0.470	0.476	0.495	0.431	14.57
43)	S	1,2-Dichloroethane-d4	0.314	0.314	0.310	0.310	0.288	0.278	0.267	0.278	0.295	6.47
44)	TP	1,2-Dichloroethane	0.291	0.307	0.316	0.309	0.302	0.288	0.282	0.279	0.297	4.64
47)	TP	Methyl cyclohexane		0.282	0.391	0.421	0.441	0.440	0.448	0.442	0.409	14.49
48)	TP	Trichloroethene	0.293	0.248	0.272	0.258	0.257	0.258	0.256	0.249	0.261	5.58
50)	TP	Dibromomethane		0.121	0.131	0.127	0.129	0.125	0.124	0.126	0.126	2.55
51)	TP	1,2-Dichloropropane		0.222	0.247	0.261	0.260	0.260	0.258	0.257	0.252	5.54
53)	TP	2-Chloroethyl vinyl ether			0.070	0.096	0.121	0.121	0.121	0.125	*L	0.9994
54)	TP	Bromodichloromethane		0.266	0.293	0.301	0.303	0.304	0.303	0.304	0.296#	4.66
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	10.05
58)	TP	cis-1,3-Dichloropropene	0.158	0.217	0.262	0.320	0.351	0.360	0.362		*Q	0.9996
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.214	1.241	1.268	1.264	1.264	1.256	1.260	1.254	1.253	1.42
61)	TP	Toluene		0.676	0.757	0.763	0.755	0.755	0.759	0.728	0.742	4.21
62)	TP	4-Methyl-2-pentanone			0.043	0.058	0.072	0.068	0.069	0.071	0.063	17.62
63)	TP	Tetrachloroethene	0.288	0.304	0.381	0.385	0.385	0.381	0.384	0.366	0.359	11.11
65)	TP	trans-1,3-Dichloropropene	0.135	0.201	0.247	0.320	0.370	0.374			*Q	0.9985
67)	TP	Ethyl methacrylate			0.163	0.213	0.252	0.240	0.242	0.245	0.226	14.91
68)	TP	1,1,2-Trichloroethane		0.143	0.156	0.176	0.188	0.177	0.176	0.173	0.170#	8.89
69)	TP	Chlorodibromomethane		0.207	0.236	0.273	0.298	0.298	0.300	0.297	0.273	13.65
70)	TP	1,3-Dichloropropane		0.312	0.327	0.367	0.386	0.371	0.370	0.365	0.357	7.52
71)	TP	1,2-Dibromoethane		0.158	0.175	0.212	0.229	0.219	0.221	0.218	0.204	13.19
72)	TP	2-Hexanone			0.067	0.091	0.118	0.110	0.111	0.114	0.102	18.91
73)	TP	Chlorobenzene		0.845	0.902	0.872	0.874	0.865	0.865	0.835	0.865	2.46
74)	TP	Ethylbenzene		1.255	1.455	1.478	1.477	1.466	1.457	1.392	1.426	5.65
75)	TP	1,1,1,2-Tetrachloroethane		0.229	0.254	0.297	0.316	0.318	0.317	0.307	0.291	12.16
76)	TP	p/m Xylene		0.457	0.580	0.592	0.582	0.568	0.560	0.521	0.551	8.65
77)	TP	o Xylene		0.452	0.547	0.567	0.557	0.544	0.537	0.504	0.530	7.48
78)	TP	Styrene		0.669	0.851	0.925	0.924	0.891	0.874	0.819	0.850	10.42
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.195	0.199	0.254	0.296	0.300	0.307	0.317	0.267	19.35
82)	TP	Isopropylbenzene		1.950	2.370	2.584	2.628	2.832	2.871	2.853	2.584	12.90
83)	S	4-Bromofluorobenzene	0.810	0.791	0.772	0.781	0.788	0.788	0.810	0.848	0.798	2.99
84)	TP	Bromobenzene		0.597	0.596	0.613	0.618	0.623	0.628	0.638	0.616	2.52

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85)	TP	n-Propylbenzene		2.256	2.806	2.986	3.000	3.081	3.121	3.049	2.900	10.39
86)	TP	1,4-Dichlorobutane		0.618	0.640	0.699	0.752	0.727	0.734	0.746	0.702	7.60
87)	TP	1,1,2,2-Tetrachloroethane	0.274	0.344	0.351	0.391	0.431	0.414	0.417	0.435	0.382	14.51
88)	TP	4-Ethyltoluene		1.871	2.373	2.583	2.590	2.613	2.633	2.557	2.460	11.12
89)	TP	2-Chlorotoluene		1.538	1.673	1.784	1.748	1.759	1.719	1.717	1.705	4.80
90)	TP	1,3,5-Trimethylbenzene		1.607	1.983	2.176	2.196	2.225	2.252	2.190	2.090	11.01
91)	TP	1,2,3-Trichloropropane		0.304	0.289	0.308	0.340	0.322	0.329	0.341	0.319	6.09
92)	TP	trans-1,4-Dichloro-2-b...			0.096	0.120	0.141	0.127	0.134	0.139	0.126	13.15
93)	TP	4-Chlorotoluene		1.502	1.663	1.764	1.790	1.814	1.830	1.816	1.740	6.85
94)	TP	tert-Butylbenzene		1.395	1.820	1.921	1.949	1.991	2.024	1.984	1.869	11.72
97)	TP	1,2,4-Trimethylbenzene		1.413	1.782	2.051	2.134	2.200	2.219	2.170	1.996	14.88
98)	TP	sec-Butylbenzene		1.887	2.595	2.737	2.751	2.816	2.857	2.798	2.634	12.90
99)	TP	p-Isopropyltoluene		1.496	2.090	2.407	2.489	2.531	2.565	2.471	2.293	16.80
100)	TP	1,3-Dichlorobenzene		1.131	1.232	1.266	1.270	1.268	1.274	1.243	1.241	4.08
101)	TP	1,4-Dichlorobenzene		1.267	1.260	1.282	1.272	1.265	1.274	1.243	1.266	0.98
102)	TP	p-Diethylbenzene		0.838	1.147	1.351	1.440	1.509	1.535	1.497	1.331	19.14
103)	TP	n-Butylbenzene		1.184	1.647	1.854	1.958	2.017	2.050	1.999	1.816	17.09
104)	TP	1,2-Dichlorobenzene		1.024	1.084	1.128	1.152	1.141	1.140	1.123	1.113	4.04
105)	TP	1,2,4,5-Tetramethylben...			1.444	1.826	2.031	2.132	2.159	2.157	1.958	14.40
106)	TP	1,2-Dibromo-3-chloropr...		0.045	0.047	0.059	0.071	0.070	0.072	0.075	0.063	19.81
107)	TP	1,3,5-Trichlorobenzene		0.689	0.782	0.840	0.887	0.906	0.903	0.888	0.842	9.57
108)	TP	Hexachlorobutadiene		0.263	0.315	0.323	0.337	0.360	0.366	0.360	0.332	10.91
109)	TP	1,2,4-Trichlorobenzene		0.577	0.601	0.694	0.759	0.766	0.754	0.748	0.700	11.35
110)	TP	Naphthalene		0.936	0.997	1.306	1.521	1.448	1.453	1.470	1.304	18.45
111)	TP	1,2,3-Trichlorobenzene		0.492	0.525	0.597	0.641	0.623	0.623	0.620	0.589	9.72

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files

L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D

L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.136	0.187	0.195	0.203	0.192	0.192	0.201	0.193	0.187	11.48
3)	TP	Chloromethane		0.277	0.341	0.269	0.289	0.272	0.260	0.269	0.260	0.280	9.51
4)	TP	Vinyl chloride		0.167	0.257	0.227	0.243	0.229	0.230	0.243	0.235	0.229	11.69
5)	TP	Bromomethane		0.151	0.172	0.136	0.142	0.129	0.127	0.140	0.142	0.142	9.82
6)	TP	Chloroethane		0.116	0.169	0.135	0.148	0.138	0.135	0.144	0.122	0.138	11.69
7)	TP	Trichlorofluoromethane		0.167	0.236	0.253	0.268	0.254	0.254	0.270	0.270	0.246	13.93
8)	TP	Ethyl ether		0.116	0.146	0.106	0.125	0.118	0.117	0.126	0.125	0.123	9.39
10)	TP	1,1-Dichloroethene		0.137	0.190	0.154	0.166	0.157	0.155	0.166	0.165	0.161	9.34
11)	TP	Carbon disulfide		0.532	0.648	0.522	0.552	0.525	0.521	0.557	0.551	0.551	7.58
12)	TP	Freon-113		0.107	0.145	0.155	0.161	0.161	0.162	0.174	0.175	0.155	13.95
14)	TP	Acrolein			0.064	0.044	0.046	0.040	0.039	0.042	0.042	0.045	19.05
15)	TP	Methylene chloride				0.231	0.221	0.199	0.193	0.193	0.188	0.204	8.68
17)	TP	Acetone				0.140	0.117	0.110	0.106	0.113	0.112	0.116	10.64
18)	TP	trans-1,2-Dichloroethene		0.152	0.231	0.178	0.199	0.191	0.187	0.198	0.195	0.191	11.60
19)	TP	Methyl acetate			0.336	0.219	0.227	0.213	0.211	0.228	0.230	0.238	18.52
20)	TP	Methyl tert-butyl ether		0.596	0.681	0.530	0.648	0.619	0.621	0.665	0.667	0.628	7.78
21)	TP	tert-Butyl alcohol		0.052	0.052	0.037	0.045	0.040	0.040	0.045	0.047	0.045	12.48
22)	TP	Diisopropyl ether		0.759	0.885	0.697	0.854	0.828	0.837	0.882	0.869	0.826	8.01
23)	TP	1,1-Dichloroethane		0.326	0.433	0.334	0.398	0.374	0.364	0.380	0.373	0.373	9.11
24)	TP	Halothane		0.112	0.170	0.154	0.159	0.157	0.156	0.164	0.162	0.154	11.44
25)	TP	Acrylonitrile		0.084	0.113	0.075	0.092	0.088	0.089	0.100	0.100	0.093	12.47
26)	TP	Ethyl tert-butyl ether		0.589	0.744	0.573	0.720	0.693	0.707	0.751	0.751	0.691	10.31
27)	TP	Vinyl acetate		0.520	0.675	0.496	0.610	0.597	0.614	0.666	0.667	0.605	11.14
28)	TP	cis-1,2-Dichloroethene		0.194	0.253	0.198	0.230	0.218	0.213	0.226	0.223	0.219	8.50
29)	TP	2,2-Dichloropropane		0.223	0.304	0.260	0.277	0.267	0.264	0.278	0.277	0.269	8.53
30)	TP	Bromochloromethane		0.107	0.127	0.096	0.119	0.110	0.108	0.112	0.111	0.112	8.15
31)	TP	Cyclohexane		0.242	0.324	0.343	0.355	0.368	0.375	0.401	0.398	0.351	14.58
32)	TP	Chloroform		0.336	0.417	0.328	0.365	0.346	0.335	0.352	0.345	0.353	7.98
33)	TP	Ethyl acetate			0.474	0.319	0.327	0.313	0.315	0.346	0.353	0.349	16.32
34)	TP	Carbon tetrachloride		0.178	0.277	0.240	0.274	0.270	0.273	0.288	0.287	0.261	14.02
35)	TP	Tetrahydrofuran		0.126	0.136	0.100	0.105	0.103	0.102	0.111	0.115	0.112	11.43
36)	S	Dibromofluoromethane	0.248	0.243	0.247	0.243	0.240	0.240	0.242	0.239	0.243	0.243	1.27
37)	TP	1,1,1-Trichloroethane	0.217	0.222	0.309	0.272	0.301	0.286	0.288	0.304	0.303	0.278	12.63
39)	TP	2-Butanone				0.167	0.142	0.137	0.141	0.158	0.158	0.150	8.03
40)	TP	1,1-Dichloropropene	0.172	0.190	0.250	0.216	0.251	0.244	0.247	0.262	0.260	0.232	13.90

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files

L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D

L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	0.622	0.660	0.856	0.669	0.792	0.765	0.750	0.791	0.775	0.742	10.22
42)	TP	tert-Amyl methyl ether		0.507	0.619	0.475	0.617	0.603	0.616	0.664	0.666	0.596	11.60
43)	S	1,2-Dichloroethane-d4	0.263	0.264	0.264	0.257	0.257	0.253	0.259	0.264	0.276	0.262	2.54
44)	TP	1,2-Dichloroethane		0.261	0.343	0.258	0.300	0.280	0.276	0.292	0.289	0.287	9.38
47)	TP	Methyl cyclohexane		0.210	0.281	0.301	0.324	0.340	0.351	0.381	0.374	0.320	17.47
48)	TP	Trichloroethene	0.173	0.178	0.233	0.189	0.210	0.206	0.206	0.215	0.214	0.203	9.50
50)	TP	Dibromomethane		0.121	0.153	0.119	0.137	0.130	0.130	0.139	0.139	0.134	8.14
51)	TP	1,2-Dichloropropane		0.196	0.258	0.191	0.231	0.218	0.219	0.231	0.227	0.221	9.62
53)	TP	2-Chloroethyl vinyl ether		0.098	0.129	0.100	0.138	0.137	0.145	0.159	0.157	0.133	17.54
54)	TP	Bromodichloromethane	0.231	0.249	0.329	0.247	0.295	0.282	0.284	0.300	0.295	0.279#	11.06
57)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	17.15
58)	TP	cis-1,3-Dichloropropene	0.257	0.269	0.357	0.268	0.357	0.339	0.343	0.367	0.365	0.325	14.17
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.168	1.169	1.171	1.181	1.189	1.173	1.167	1.159	1.157	1.170	0.84
61)	TP	Toluene		1.308	1.190	0.876	0.726	0.667	0.637	0.667	0.655	*L	0.9994
62)	TP	4-Methyl-2-pentanone		0.086	0.114	0.088	0.127	0.125	0.131	0.146	0.149	0.121	19.75
63)	TP	Tetrachloroethene	0.184	0.187	0.294	0.247	0.281	0.282	0.281	0.293	0.292	0.260	17.11
65)	TP	trans-1,3-Dichloropropene		0.330	0.387	0.309	0.400	0.387	0.392	0.414	0.414	0.379	10.23
67)	TP	Ethyl methacrylate			0.311	0.250	0.349	0.350	0.370	0.401	0.405	0.348	15.51
68)	TP	1,1,2-Trichloroethane		0.188	0.218	0.166	0.209	0.195	0.194	0.205	0.202	0.197#	8.05
69)	TP	Chlorodibromomethane	0.232	0.250	0.309	0.248	0.308	0.294	0.299	0.323	0.321	0.287	11.99
70)	TP	1,3-Dichloropropane		0.340	0.457	0.340	0.437	0.412	0.410	0.432	0.426	0.407	10.75
71)	TP	1,2-Dibromoethane	0.175	0.204	0.271	0.204	0.261	0.246	0.249	0.265	0.265	0.238	14.58
72)	TP	2-Hexanone		0.357	0.365	0.267	0.272	0.270	0.283	0.312	0.317	0.305	12.83
73)	TP	Chlorobenzene	0.707	0.681	0.893	0.691	0.824	0.785	0.769	0.817	0.800	0.774	9.05
74)	TP	Ethylbenzene		1.019	1.341	1.085	1.265	1.243	1.237	1.312	1.284	1.223	9.19
75)	TP	1,1,1,2-Tetrachloroethane	0.226	0.232	0.297	0.250	0.299	0.291	0.291	0.309	0.304	0.278	11.64
76)	TP	p/m Xylene	0.372	0.402	0.535	0.426	0.509	0.501	0.501	0.531	0.517	0.477	12.69
77)	TP	o Xylene	0.372	0.374	0.511	0.413	0.509	0.500	0.500	0.528	0.513	0.469	13.55
78)	TP	Styrene	0.611	0.651	0.872	0.651	0.879	0.855	0.868	0.919	0.899	0.800	15.48
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.303	0.384	0.289	0.385	0.360	0.374	0.424	0.426	0.368	13.63
82)	TP	Isopropylbenzene		1.589	2.202	1.915	2.211	2.206	2.230	2.437	2.383	2.147	12.72
83)	S	4-Bromofluorobenzene	0.720	0.750	0.732	0.741	0.737	0.722	0.712	0.731	0.740	0.732	1.63
84)	TP	Bromobenzene		0.521	0.675	0.534	0.635	0.601	0.593	0.639	0.629	0.603	8.81
85)	TP	n-Propylbenzene		1.898	2.668	2.248	2.539	2.540	2.538	2.745	2.674	2.481	11.26

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files
L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D
L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
86)	TP	1,4-Dichlorobutane		0.845	0.995	0.766	0.921	0.889	0.880	0.961	0.957	0.902	8.16
87)	TP	1,1,2,2-Tetrachloroethane	0.560	0.567	0.717	0.537	0.642	0.610	0.610	0.661	0.656	0.618	9.31
88)	TP	4-Ethyltoluene		1.636	2.259	1.931	2.234	2.213	2.208	2.382	2.295	2.145	11.32
89)	TP	2-Chlorotoluene		1.207	1.702	1.399	1.550	1.501	1.490	1.597	1.550	1.499	9.81
90)	TP	1,3,5-Trimethylbenzene		1.445	1.936	1.660	1.890	1.903	1.891	2.039	1.976	1.842	10.56
91)	TP	1,2,3-Trichloropropane		0.516	0.565	0.448	0.523	0.503	0.488	0.551	0.546	0.517	7.34
92)	TP	trans-1,4-Dichloro-2-b...		0.175	0.209	0.171	0.219	0.207	0.211	0.231	0.228	0.207	10.74
93)	TP	4-Chlorotoluene		1.307	1.774	1.413	1.616	1.568	1.554	1.668	1.625	1.566	9.36
94)	TP	tert-Butylbenzene		1.221	1.680	1.472	1.690	1.722	1.721	1.861	1.810	1.647	12.54
97)	TP	1,2,4-Trimethylbenzene		1.433	1.962	1.530	1.905	1.879	1.863	2.001	1.942	1.814	11.67
98)	TP	sec-Butylbenzene		1.725	2.403	2.237	2.493	2.538	2.536	2.721	2.628	2.410	12.96
99)	TP	p-Isopropyltoluene		1.543	2.137	1.831	2.185	2.234	2.251	2.399	2.311	2.111	13.45
100)	TP	1,3-Dichlorobenzene		0.988	1.350	1.067	1.205	1.165	1.142	1.209	1.168	1.162	9.14
101)	TP	1,4-Dichlorobenzene		1.056	1.402	1.081	1.237	1.182	1.159	1.223	1.188	1.191	8.94
102)	TP	p-Diethylbenzene		0.943	1.345	1.095	1.300	1.341	1.353	1.423	1.379	1.272	13.00
103)	TP	n-Butylbenzene		1.253	1.862	1.627	1.836	1.885	1.871	1.970	1.906	1.776	13.15
104)	TP	1,2-Dichlorobenzene		0.995	1.261	0.972	1.181	1.128	1.108	1.180	1.143	1.121	8.62
105)	TP	1,2,4,5-Tetramethylben...		1.474	1.958	1.591	2.031	2.074	2.081	2.244	2.176	1.954	14.12
106)	TP	1,2-Dibromo-3-chloropr...		0.108	0.123	0.102	0.133	0.128	0.131	0.148	0.147	0.127	12.92
107)	TP	1,3,5-Trichlorobenzene		0.791	0.985	0.746	0.875	0.883	0.872	0.916	0.880	0.868	8.39
108)	TP	Hexachlorobutadiene		0.357	0.425	0.388	0.419	0.430	0.436	0.476	0.458	0.424	8.84
109)	TP	1,2,4-Trichlorobenzene		0.704	0.887	0.696	0.810	0.797	0.809	0.855	0.835	0.799	8.49
110)	TP	Naphthalene		1.950	2.134	1.601	2.174	2.126	2.150	2.336	2.323	2.099	11.19
111)	TP	1,2,3-Trichlorobenzene		0.648	0.877	0.654	0.797	0.770	0.783	0.825	0.818	0.772	10.53

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA105		Calibration Date	: 07/08/25 19:56	
Lab File ID	: V05250708N02		Init. Calib. Date(s)	: 06/28/25	06/28/25
Sample No	: WG2088397-2		Init. Calib. Times	: 01:00	04:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	116	0
Dichlorodifluoromethane	0.265	0.282	-	-6.4	20	118	0
Chloromethane	0.298	0.259	-	13.1	20	99	0
Vinyl chloride	0.288	0.271	-	5.9	20	104	0
Bromomethane	10	7.377	-	26.2*	20	87	0
Chloroethane	0.162	0.158	-	2.5	20	104	0
Trichlorofluoromethane	0.364	0.342	-	6	20	102	0
Ethyl ether	0.094	0.094	-	0	20	116	0
1,1-Dichloroethene	0.19	0.188	-	1.1	20	108	0
Carbon disulfide	0.611	0.436	-	28.6*	20	82	0
Freon-113	0.209	0.185	-	11.5	20	96	0
Acrolein	0.029	0.032	-	-10.3	20	126	0
Methylene chloride	0.237	0.249	-	-5.1	20	121	0
Acetone	0.039	0.037	-	5.1	20	105	0
trans-1,2-Dichloroethene	0.24	0.253	-	-5.4	20	116	0
Methyl acetate	0.104	0.093	-	10.6	20	110	0
Methyl tert-butyl ether	0.464	0.469	-	-1.1	20	120	0
tert-Butyl alcohol	0.0094	0.0119	-	-26.6*	20	152	0
Diisopropyl ether	0.79	0.717	-	9.2	20	105	0
1,1-Dichloroethane	0.479	0.482	-	-0.6	20	112	0
Halothane	0.19	0.193	-	-1.6	20	111	0
Acrylonitrile	0.059	0.06	-	-1.7	20	118	0
Ethyl tert-butyl ether	0.606	0.619	-	-2.1	20	120	0
Vinyl acetate	0.392	0.405	-	-3.3	20	134	0
cis-1,2-Dichloroethene	0.262	0.271	-	-3.4	20	115	0
2,2-Dichloropropane	0.336	0.329	-	2.1	20	113	0
Bromochloromethane	0.119	0.128	-	-7.6	20	113	0
Cyclohexane	0.529	0.45	-	14.9	20	92	0
Chloroform	0.428	0.424	-	0.9	20	113	0
Ethyl acetate	0.148	0.14	-	5.4	20	118	0
Carbon tetrachloride	0.344	0.335	-	2.6	20	106	0
Tetrahydrofuran	0.048	0.046	-	4.2	20	107	0
Dibromofluoromethane	0.275	0.271	-	1.5	20	114	0
1,1,1-Trichloroethane	0.378	0.384	-	-1.6	20	111	0
2-Butanone	0.061	0.058	-	4.9	20	116	0
1,1-Dichloropropene	0.3	0.325	-	-8.3	20	119	0
Benzene	0.941	1.004	-	-6.7	20	116	0
tert-Amyl methyl ether	0.431	0.44	-	-2.1	20	123	0
1,2-Dichloroethane-d4	0.295	0.295	-	0	20	111	0
1,2-Dichloroethane	0.297	0.298	-	-0.3	20	112	0
Methyl cyclohexane	0.409	0.377	-	7.8	20	104	0
Trichloroethene	0.261	0.253	-	3.1	20	114	0
Dibromomethane	0.126	0.13	-	-3.2	20	118	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA105		Calibration Date	: 07/08/25 19:56	
Lab File ID	: V05250708N02		Init. Calib. Date(s)	: 06/28/25	06/28/25
Sample No	: WG2088397-2		Init. Calib. Times	: 01:00	04:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.252	0.258	-	-2.4	20	115	0
Bromodichloromethane	0.296	0.291*	-	1.7	20	112	0
1,4-Dioxane	0.00113	0.00136*	-	-20.4*	20	142	0
cis-1,3-Dichloropropene	10	10.056	-	-0.6	20	123	0
Chlorobenzene-d5	1	1	-	0	20	113	0
Toluene-d8	1.253	1.288	-	-2.8	20	115	0
Toluene	0.742	0.776	-	-4.6	20	115	0
4-Methyl-2-pentanone	0.063	0.065	-	-3.2	20	126	0
Tetrachloroethene	0.359	0.385	-	-7.2	20	113	0
trans-1,3-Dichloropropene	10	10.227	-	-2.3	20	123	0
Ethyl methacrylate	0.226	0.25	-	-10.6	20	133	0
1,1,2-Trichloroethane	0.17	0.186*	-	-9.4	20	119	0
Chlorodibromomethane	0.273	0.292	-	-7	20	121	0
1,3-Dichloropropane	0.357	0.393	-	-10.1	20	121	0
1,2-Dibromoethane	0.204	0.229	-	-12.3	20	122	0
2-Hexanone	0.102	0.102	-	0	20	126	0
Chlorobenzene	0.865	0.906	-	-4.7	20	118	0
Ethylbenzene	1.426	1.479	-	-3.7	20	113	0
1,1,1,2-Tetrachloroethane	0.291	0.303	-	-4.1	20	115	0
p/m Xylene	0.551	0.591	-	-7.3	20	113	0
o Xylene	0.53	0.548	-	-3.4	20	109	0
Styrene	0.85	0.905	-	-6.5	20	111	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
Bromoform	0.267	0.281	-	-5.2	20	120	0
Isopropylbenzene	2.584	2.615	-	-1.2	20	110	0
4-Bromofluorobenzene	0.798	0.836	-	-4.8	20	116	0
Bromobenzene	0.616	0.656	-	-6.5	20	116	0
n-Propylbenzene	2.9	3.047	-	-5.1	20	111	0
1,4-Dichlorobutane	0.702	0.74	-	-5.4	20	115	0
1,1,2,2-Tetrachloroethane	0.382	0.427	-	-11.8	20	119	0
4-Ethyltoluene	2.46	2.484	-	-1	20	104	0
2-Chlorotoluene	1.705	1.754	-	-2.9	20	107	0
1,3,5-Trimethylbenzene	2.09	2.181	-	-4.4	20	109	0
1,2,3-Trichloropropane	0.319	0.337	-	-5.6	20	119	0
trans-1,4-Dichloro-2-buten	0.126	0.101	-	19.8	20	92	0
4-Chlorotoluene	1.74	1.842	-	-5.9	20	113	0
tert-Butylbenzene	1.869	1.931	-	-3.3	20	109	0
1,2,4-Trimethylbenzene	1.996	2.181	-	-9.3	20	115	0
sec-Butylbenzene	2.634	2.731	-	-3.7	20	108	0
p-Isopropyltoluene	2.293	2.431	-	-6	20	110	0
1,3-Dichlorobenzene	1.241	1.315	-	-6	20	113	0
1,4-Dichlorobenzene	1.266	1.316	-	-3.9	20	111	0
p-Diethylbenzene	1.331	1.264	-	5	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: VOA105		**Calibration Date**	: 07/08/25 19:56	
Lab File ID	: V05250708N02		**Init. Calib. Date(s)**	: 06/28/25	06/28/25
Sample No	: WG2088397-2		**Init. Calib. Times**	: 01:00	04:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.816	1.92	-	-5.7	20	112	0
1,2-Dichlorobenzene	1.113	1.193	-	-7.2	20	115	0
1,2,4,5-Tetramethylbenzene	1.958	1.849	-	5.6	20	110	0
1,2-Dibromo-3-chloropropan	0.063	0.066	-	-4.8	20	123	0
1,3,5-Trichlorobenzene	0.842	0.852	-	-1.2	20	110	0
Hexachlorobutadiene	0.332	0.336	-	-1.2	20	113	0
1,2,4-Trichlorobenzene	0.7	0.743	-	-6.1	20	116	0
Naphthalene	1.304	1.506	-	-15.5	20	125	0
1,2,3-Trichlorobenzene	0.589	0.644	-	-9.3	20	117	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA117	Calibration Date	: 07/11/25 11:43
Lab File ID	: V17250711B01	Init. Calib. Date(s)	: 06/26/25 06/26/25
Sample No	: WG2089845-2	Init. Calib. Times	: 15:07 19:50
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	133	0
Dichlorodifluoromethane	0.283	0.244	-	13.8	20	112	0
Chloromethane	0.246	0.27	-	-9.8	20	157	0
Vinyl chloride	0.336	0.374	-	-11.3	20	151	0
Bromomethane	0.39	0.329	-	15.6	20	130	0
Chloroethane	0.328	0.287	-	12.5	20	129	0
Trichlorofluoromethane	0.802	0.606	-	24.4*	20	99	0
Ethyl ether	0.207	0.155	-	25.1*	20	106	0
1,1-Dichloroethene	0.217	0.252	-	-16.1	20	159	0
Carbon disulfide	0.755	0.868	-	-15	20	181	0
Freon-113	0.226	0.275	-	-21.7*	20	158	0
Acrolein	0.014	0.02	-	-42.9*	20	204	0
Methylene chloride	0.254	0.252	-	0.8	20	149	0
Acetone	40	33.314	-	16.7	20	117	-.01
trans-1,2-Dichloroethene	0.257	0.277	-	-7.8	20	152	0
Methyl acetate	0.078	0.078	-	0	20	156	0
Methyl tert-butyl ether	0.584	0.498	-	14.7	20	118	0
tert-Butyl alcohol	0.016	0.012	-	25*	20	101	-.01
Diisopropyl ether	0.62	0.659	-	-6.3	20	147	0
1,1-Dichloroethane	0.417	0.463	-	-11	20	157	0
Halothane	0.209	0.225	-	-7.7	20	147	0
Acrylonitrile	0.036	0.042	-	-16.7	20	155	0
Ethyl tert-butyl ether	0.6	0.618	-	-3	20	142	0
Vinyl acetate	0.173	0.307	-	-77.5*	20	242	0
cis-1,2-Dichloroethene	0.281	0.286	-	-1.8	20	143	0
2,2-Dichloropropane	0.405	0.36	-	11.1	20	123	0
Bromochloromethane	0.135	0.128	-	5.2	20	130	0
Cyclohexane	0.323	0.462	-	-43*	20	186	0
Chloroform	0.493	0.482	-	2.2	20	137	0
Ethyl acetate	0.133	0.114	-	14.3	20	118	0
Carbon tetrachloride	0.413	0.415	-	-0.5	20	138	0
Tetrahydrofuran	0.04	0.035	-	12.5	20	119	-.01
Dibromofluoromethane	0.295	0.259	-	12.2	20	122	0
1,1,1-Trichloroethane	0.417	0.422	-	-1.2	20	133	0
2-Butanone	0.058	0.048	-	17.2	20	103	0
1,1-Dichloropropene	0.295	0.341	-	-15.6	20	146	0
Benzene	0.924	0.981	-	-6.2	20	148	0
tert-Amyl methyl ether	0.605	0.488	-	19.3	20	113	0
1,2-Dichloroethane-d4	0.246	0.21	-	14.6	20	119	0
1,2-Dichloroethane	0.279	0.263	-	5.7	20	132	0
Methyl cyclohexane	0.412	0.476	-	-15.5	20	154	0
Trichloroethene	0.277	0.293	-	-5.8	20	147	0
Dibromomethane	0.145	0.126	-	13.1	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA117		Calibration Date	: 07/11/25 11:43	
Lab File ID	: V17250711B01		Init. Calib. Date(s)	: 06/26/25	06/26/25
Sample No	: WG2089845-2		Init. Calib. Times	: 15:07	19:50
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.22	0.24	-	-9.1	20	151	0
2-Chloroethyl vinyl ether	0.097	0.1	-	-3.1	20	134	0
Bromodichloromethane	0.368	0.343	-	6.8	20	129	-.01
1,4-Dioxane	2000	1786.121	-	10.7	20	110	-.01
cis-1,3-Dichloropropene	0.365	0.354	-	3	20	128	0
Chlorobenzene-d5	1	1	-	0	20	152	0
Toluene-d8	1.187	1.05	-	11.5	20	134	0
Toluene	0.846	0.671	-	20.7*	20	140	0
4-Methyl-2-pentanone	0.055	0.046	-	16.4	20	122	0
Tetrachloroethene	0.342	0.327	-	4.4	20	137	-.01
trans-1,3-Dichloropropene	0.367	0.305	-	16.9	20	122	0
Ethyl methacrylate	0.257	0.191	-	25.7*	20	113	0
1,1,2-Trichloroethane	0.183	0.154*	-	15.8	20	127	0
Chlorodibromomethane	0.327	0.273	-	16.5	20	123	0
1,3-Dichloropropane	0.348	0.294	-	15.5	20	125	0
1,2-Dibromoethane	0.214	0.184*	-	14	20	121	-.01
2-Hexanone	0.107	0.074	-	30.8*	20	102	0
Chlorobenzene	0.888	0.771	-	13.2	20	135	0
Ethylbenzene	1.492	1.333	-	10.7	20	141	0
1,1,1,2-Tetrachloroethane	0.348	0.29	-	16.7	20	127	0
p/m Xylene	0.601	0.543	-	9.7	20	139	0
o Xylene	0.596	0.517	-	13.3	20	137	0
Styrene	1.006	0.867	-	13.8	20	133	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	158	0
Bromoform	0.37	0.273	-	26.2*	20	117	0
Isopropylbenzene	2.649	2.24	-	15.4	20	138	0
4-Bromofluorobenzene	0.703	0.658	-	6.4	20	150	0
Bromobenzene	0.657	0.529	-	19.5	20	130	0
n-Propylbenzene	3.045	2.639	-	13.3	20	142	0
1,4-Dichlorobutane	0.53	0.464	-	12.5	20	147	0
1,1,2,2-Tetrachloroethane	0.487	0.352	-	27.7*	20	120	0
4-Ethyltoluene	2.605	2.241	-	14	20	140	0
2-Chlorotoluene	1.685	1.428	-	15.3	20	140	0
1,3,5-Trimethylbenzene	2.291	1.898	-	17.2	20	135	0
1,2,3-Trichloropropane	0.354	0.254	-	28.2*	20	116	0
trans-1,4-Dichloro-2-buten	0.106	0.092	-	13.2	20	128	0
4-Chlorotoluene	1.756	1.501	-	14.5	20	139	0
tert-Butylbenzene	2.071	1.719	-	17	20	136	0
1,2,4-Trimethylbenzene	2.219	1.829	-	17.6	20	134	0
sec-Butylbenzene	3.03	2.612	-	13.8	20	138	0
p-Isopropyltoluene	2.704	2.309	-	14.6	20	137	0
1,3-Dichlorobenzene	1.359	1.116	-	17.9	20	133	0
1,4-Dichlorobenzene	1.371	1.124	-	18	20	134	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA117	Calibration Date	: 07/11/25 11:43
Lab File ID	: V17250711B01	Init. Calib. Date(s)	: 06/26/25 06/26/25
Sample No	: WG2089845-2	Init. Calib. Times	: 15:07 19:50
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.604	1.375	-	14.3	20	139	0
n-Butylbenzene	2.24	1.992	-	11.1	20	142	0
1,2-Dichlorobenzene	1.244	0.999	-	19.7	20	131	0
1,2,4,5-Tetramethylbenzene	2.441	1.958	-	19.8	20	132	0
1,2-Dibromo-3-chloropropan	0.082	0.056	-	31.7*	20	99	0
1,3,5-Trichlorobenzene	0.965	0.843	-	12.6	20	142	0
Hexachlorobutadiene	0.467	0.405	-	13.3	20	139	0
1,2,4-Trichlorobenzene	0.816	0.666	-	18.4	20	133	0
Naphthalene	1.653	1.204	-	27.2*	20	117	0
1,2,3-Trichlorobenzene	0.725	0.569	-	21.5*	20	127	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA110		Calibration Date	: 07/12/25 08:19	
Lab File ID	: V10250712A01		Init. Calib. Date(s)	: 07/01/25	07/01/25
Sample No	: WG2089837-9		Init. Calib. Times	: 13:23	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	72	0
Dichlorodifluoromethane	0.187	0.191	-	-2.1	20	72	0
Chloromethane	0.28	0.313	-	-11.8	20	83	0
Vinyl chloride	0.229	0.28	-	-22.3*	20	88	0
Bromomethane	0.142	0.177	-	-24.6*	20	99	0
Chloroethane	0.138	0.183	-	-32.6*	20	95	0
Trichlorofluoromethane	0.246	0.322	-	-30.9*	20	91	0
Ethyl ether	0.123	0.148	-	-20.3*	20	90	0
1,1-Dichloroethene	0.161	0.193	-	-19.9	20	88	0
Carbon disulfide	0.551	0.659	-	-19.6	20	91	0
Freon-113	0.155	0.204	-	-31.6*	20	91	0
Acrolein	0.045	0.049	-	-8.9	20	88	-.01
Methylene chloride	0.204	0.243	-	-19.1	20	88	0
Acetone	0.116	0.104	-	10.3	20	69	0
trans-1,2-Dichloroethene	0.191	0.219	-	-14.7	20	83	0
Methyl acetate	0.238	0.234	-	1.7	20	79	0
Methyl tert-butyl ether	0.628	0.681	-	-8.4	20	79	0
tert-Butyl alcohol	0.045	0.041	-	8.9	20	73	0
Diisopropyl ether	0.826	0.937	-	-13.4	20	82	0
1,1-Dichloroethane	0.373	0.435	-	-16.6	20	84	0
Halothane	0.154	0.179	-	-16.2	20	82	0
Acrylonitrile	0.093	0.103	-	-10.8	20	85	0
Ethyl tert-butyl ether	0.691	0.782	-	-13.2	20	81	0
Vinyl acetate	0.605	0.647	-	-6.9	20	78	0
cis-1,2-Dichloroethene	0.219	0.25	-	-14.2	20	82	0
2,2-Dichloropropane	0.269	0.341	-	-26.8*	20	92	0
Bromochloromethane	0.112	0.127	-	-13.4	20	83	0
Cyclohexane	0.351	0.414	-	-17.9	20	81	0
Chloroform	0.353	0.407	-	-15.3	20	85	0
Ethyl acetate	0.349	0.322	-	7.7	20	74	0
Carbon tetrachloride	0.261	0.31	-	-18.8	20	83	0
Tetrahydrofuran	0.112	0.105	-	6.3	20	73	0
Dibromofluoromethane	0.243	0.257	-	-5.8	20	77	0
1,1,1-Trichloroethane	0.278	0.339	-	-21.9*	20	85	0
2-Butanone	0.15	0.151	-	-0.7	20	79	0
1,1-Dichloropropene	0.232	0.281	-	-21.1*	20	83	0
Benzene	0.742	0.874	-	-17.8	20	82	0
tert-Amyl methyl ether	0.596	0.659	-	-10.6	20	79	0
1,2-Dichloroethane-d4	0.262	0.284	-	-8.4	20	81	0
1,2-Dichloroethane	0.287	0.338	-	-17.8	20	87	0
Methyl cyclohexane	0.32	0.375	-	-17.2	20	79	0
Trichloroethene	0.203	0.245	-	-20.7*	20	85	0
Dibromomethane	0.134	0.149	-	-11.2	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA110	Calibration Date	: 07/12/25 08:19
Lab File ID	: V10250712A01	Init. Calib. Date(s)	: 07/01/25 07/01/25
Sample No	: WG2089837-9	Init. Calib. Times	: 13:23 18:23
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.25	-	-13.1	20	83	0
2-Chloroethyl vinyl ether	0.133	0.144	-	-8.3	20	76	0
Bromodichloromethane	0.279	0.319	-	-14.3	20	81	0
1,4-Dioxane	0.00275	0.00286*	-	-4	20	71	0
cis-1,3-Dichloropropene	0.325	0.402	-	-23.7*	20	85	0
Chlorobenzene-d5	1	1	-	0	20	87	0
Toluene-d8	1.17	1.058	-	9.6	20	79	0
Toluene	40	35.35	-	11.6	20	78	0
4-Methyl-2-pentanone	0.121	0.105	-	13.2	20	73	0
Tetrachloroethene	0.26	0.27	-	-3.8	20	84	0
trans-1,3-Dichloropropene	0.379	0.378	-	0.3	20	85	0
Ethyl methacrylate	0.348	0.308	-	11.5	20	77	0
1,1,2-Trichloroethane	0.197	0.185*	-	6.1	20	83	0
Chlorodibromomethane	0.287	0.274	-	4.5	20	82	0
1,3-Dichloropropane	0.407	0.39	-	4.2	20	83	0
1,2-Dibromoethane	0.238	0.231	-	2.9	20	82	0
2-Hexanone	0.305	0.224	-	26.6*	20	73	0
Chlorobenzene	0.774	0.739	-	4.5	20	82	0
Ethylbenzene	1.223	1.179	-	3.6	20	83	0
1,1,1,2-Tetrachloroethane	0.278	0.276	-	0.7	20	83	0
p/m Xylene	0.477	0.474	-	0.6	20	83	0
o Xylene	0.469	0.466	-	0.6	20	82	0
Styrene	0.8	0.815	-	-1.9	20	83	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
Bromoform	0.368	0.307	-	16.6	20	80	0
Isopropylbenzene	2.147	1.942	-	9.5	20	83	0
4-Bromofluorobenzene	0.732	0.708	-	3.3	20	92	0
Bromobenzene	0.603	0.527	-	12.6	20	83	0
n-Propylbenzene	2.481	2.317	-	6.6	20	86	0
1,4-Dichlorobutane	0.902	0.779	-	13.6	20	82	0
1,1,2,2-Tetrachloroethane	0.618	0.534	-	13.6	20	82	0
4-Ethyltoluene	2.145	2.007	-	6.4	20	85	0
2-Chlorotoluene	1.499	1.356	-	9.5	20	85	0
1,3,5-Trimethylbenzene	1.842	1.725	-	6.4	20	85	0
1,2,3-Trichloropropane	0.517	0.438	-	15.3	20	82	0
trans-1,4-Dichloro-2-buten	0.207	0.198	-	4.3	20	90	0
4-Chlorotoluene	1.566	1.431	-	8.6	20	86	0
tert-Butylbenzene	1.647	1.518	-	7.8	20	83	0
1,2,4-Trimethylbenzene	1.814	1.709	-	5.8	20	86	0
sec-Butylbenzene	2.41	2.292	-	4.9	20	85	0
p-Isopropyltoluene	2.111	2.014	-	4.6	20	85	0
1,3-Dichlorobenzene	1.162	1.066	-	8.3	20	86	0
1,4-Dichlorobenzene	1.191	1.092	-	8.3	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA110	**Calibration Date**	: 07/12/25 08:19
Lab File ID	: V10250712A01	**Init. Calib. Date(s)**	: 07/01/25 07/01/25
Sample No	: WG2089837-9	**Init. Calib. Times**	: 13:23 18:23
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.272	1.23	-	3.3	20	86	0
n-Butylbenzene	1.776	1.765	-	0.6	20	88	0
1,2-Dichlorobenzene	1.121	1.032	-	7.9	20	86	0
1,2,4,5-Tetramethylbenzene	1.954	1.874	-	4.1	20	85	0
1,2-Dibromo-3-chloropropan	0.127	0.103	-	18.9	20	76	0
1,3,5-Trichlorobenzene	0.868	0.836	-	3.7	20	89	0
Hexachlorobutadiene	0.424	0.371	-	12.5	20	81	0
1,2,4-Trichlorobenzene	0.799	0.748	-	6.4	20	88	0
Naphthalene	2.099	1.832	-	12.7	20	81	0
1,2,3-Trichlorobenzene	0.772	0.711	-	7.9	20	87	0

* Value outside of QC limits.

SVOC Data Section

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Geology
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QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2541375

13 Soil Samples and 1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for MORK on 11-10-24. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV109 on 06-05-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-06-25 (WG2087212-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-08-25 (WG2088055-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 07-10-25 (WG2089293-3). The %Ds for 9 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-06-25 (WG2087212-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-08-25 (WG2088055-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

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The %Ds for 9 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-06-25 (WG2087212-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-08-25 (WG2088055-3). The %D for caprolactam was above the allowable maximum (20%) on 07-08-24 (WG2088055-4). The %Ds for 8 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-10-25 (WG2089296-3). The %D for atrazine was above the allowable maximum (20%) on 07-10-24 (WG2089293-5). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 and the percent recoveries for 3,3'-dichlorobenzidine and 4-chloroaniline were below QC limits, but not below 10% for soil samples WG2087030-2/3. Positive results for 3,3'-dichlorobenzidine and 4-chloroaniline should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for pyrene in sample 25SB-11 (0-2); fluoranthene in sample 25SB-13 (0-2); acenaphthene, naphthalene, fluorene, phenanthrene, and 2-methylnaphthlene in sample 25SB-12 (11-12); and naphthalene and pyrene in sample 25SB-10 (11-12) were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results that are flagged as 'E' in the undiluted samples should be considered estimated (J). The use of the diluted results for these compounds is recommended for the samples. It is recommended that the undiluted results be used for all other compounds.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087030-2	Analysis Date : 07/06/25 12:58	File ID : 087030-2
LCSD Sample ID	: WG2087030-3	Analysis Date : 07/06/25 13:21	File ID : 087030-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	1000	76		1300	1000	79		4	31-137	50
Hexachlorobenzene	1300	960	72		1300	970	75		4	40-140	50
Bis(2-chloroethyl)ether	1300	910	69		1300	960	74		7	40-140	50
2-Chloronaphthalene	1300	900	68		1300	910	70		3	40-140	50
3,3'-Dichlorobenzidine	1300	520	39	Q	1300	450	34	Q	14	40-140	50
2,4-Dinitrotoluene	1300	1100	83		1300	1100	88		6	40-132	50
2,6-Dinitrotoluene	1300	950	72		1300	970	75		4	40-140	50
Fluoranthene	1300	1000	78		1300	1000	79		1	40-140	50
4-Chlorophenyl phenyl ether	1300	920	70		1300	940	72		3	40-140	50
4-Bromophenyl phenyl ether	1300	930	70		1300	930	72		3	40-140	50
Bis(2-chloroisopropyl)ether	1300	880	66		1300	950	73		10	40-140	50
Bis(2-chloroethoxy)methane	1300	890	68		1300	940	72		6	40-117	50
Hexachlorobutadiene	1300	740	56		1300	800	62		10	40-140	50
Hexachlorocyclopentadiene	1300	840	63		1300	860	66		5	40-140	50
Hexachloroethane	1300	940	72		1300	1000	77		7	40-140	50
Isophorone	1300	860	65		1300	880	68		5	40-140	50
Naphthalene	1300	940	71		1300	1000	77		8	40-140	50
Nitrobenzene	1300	880	67		1300	900	70		4	40-140	50
NDPA/DPA	1300	890	68		1300	920	71		4	36-157	50
n-Nitrosodi-n-propylamine	1300	860	66		1300	850	66		0	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1400	107		1300	1400	112		5	40-140	50
Butyl benzyl phthalate	1300	1400	106		1300	1400	106		0	40-140	50
Di-n-butylphthalate	1300	1200	92		1300	1200	93		1	40-140	50
Di-n-octylphthalate	1300	1500	111		1300	1500	114		3	40-140	50
Diethyl phthalate	1300	1000	78		1300	1000	81		4	40-140	50
Dimethyl phthalate	1300	880	66		1300	900	69		4	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087030-2	Analysis Date : 07/06/25 12:58	File ID : 087030-2
LCSD Sample ID	: WG2087030-3	Analysis Date : 07/06/25 13:21	File ID : 087030-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1000	80		1300	1000	80		0	40-140	50
Benzo(a)pyrene	1300	1100	84		1300	1100	84		0	40-140	50
Benzo(b)fluoranthene	1300	1100	86		1300	1000	81		6	40-140	50
Benzo(k)fluoranthene	1300	1000	78		1300	1100	86		10	40-140	50
Chrysene	1300	1000	76		1300	1000	78		3	40-140	50
Acenaphthylene	1300	980	74		1300	990	76		3	40-140	50
Anthracene	1300	1100	81		1300	1000	81		0	40-140	50
Benzo(ghi)perylene	1300	1100	84		1300	1100	88		5	40-140	50
Fluorene	1300	990	75		1300	1000	79		5	40-140	50
Phenanthrene	1300	1000	78		1300	1000	79		1	40-140	50
Dibenzo(a,h)anthracene	1300	1100	82		1300	1100	86		5	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1000	80		1300	1100	82		2	40-140	50
Pyrene	1300	1000	77		1300	1000	78		1	35-142	50
Biphenyl	1300	920	70		1300	930	72		3	37-127	50
4-Chloroaniline	1300	340	26	Q	1300	280	22	Q	17	40-140	50
2-Nitroaniline	1300	1100	87		1300	1200	89		2	47-134	50
3-Nitroaniline	1300	840	64		1300	800	62		3	26-129	50
4-Nitroaniline	1300	1000	80		1300	1000	81		1	41-125	50
Dibenzofuran	1300	960	73		1300	1000	79		8	40-140	50
2-Methylnaphthalene	1300	880	67		1300	920	71		6	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	810	62		1300	860	66		6	40-117	50
Acetophenone	1300	960	72		1300	1000	78		8	14-144	50
2,4,6-Trichlorophenol	1300	850	65		1300	870	67		3	30-130	50
p-Chloro-m-cresol	1300	970	74		1300	950	74		0	26-103	50
2-Chlorophenol	1300	1100	81		1300	1100	86		6	25-102	50
2,4-Dichlorophenol	1300	950	72		1300	980	75		4	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087030-2	**Analysis Date** : 07/06/25 12:58	**File ID** : 087030-2
LCSD Sample ID	: WG2087030-3	**Analysis Date** : 07/06/25 13:21	**File ID** : 087030-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1000	76	1300	880	68	11	30-130	50
2-Nitrophenol	1300	1200	88	1300	1200	91	3	30-130	50
4-Nitrophenol	1300	970	74	1300	1000	80	8	11-114	50
2,4-Dinitrophenol	1300	980	75	1300	1000	78	4	4-130	50
4,6-Dinitro-o-cresol	1300	1200	89	1300	1200	94	5	10-130	50
Pentachlorophenol	1300	730	56	1300	740	57	2	17-109	50
Phenol	1300	920	70	1300	960	74	6	26-90	50
2-Methylphenol	1300	1000	77	1300	960	74	4	30-130.	50
3-Methylphenol/4-Methylphenol	1300	1000	78	1300	1000	78	0	30-130	50
2,4,5-Trichlorophenol	1300	930	70	1300	950	73	4	30-130	50
Carbazole	1300	1100	84	1300	1100	84	0	54-128	50
Atrazine	1300	860	65	1300	910	70	7	40-140	50
Benzaldehyde	1300	990	75	1300	1000	81	8	40-140	50
Caprolactam	1300	480	37	1300	660	51	32	15-130	50
2,3,4,6-Tetrachlorophenol	1300	920	70	1300	930	72	3	40-140	50
1,4-Dioxane	1300	770	59	1300	870	67	13	40-140	50

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.762	0.797	0.687	0.675	0.691	0.594	0.637	0.689	0.677	0.695	0.690	8.21
3)	t	Pyridine	1.003	1.199	1.081	0.964	1.075	0.926	0.953	1.047	1.085	1.125	1.046	8.11
4)	S	2-Fluorophenol	1.126	1.213	1.039	1.039	1.028	0.915	0.999	1.080	1.074	1.128	1.064	7.62
5)	T	Aniline	1.796	2.162	1.651	1.708	1.698	1.517	1.630	1.737	1.726	1.770	1.740	9.68
6)	t	2-Chlorophenol	1.300	1.511	1.226	1.211	1.239	1.094	1.178	1.247	1.238	1.281	1.252	8.57
7)	S	Phenol-d6	1.436	1.597	1.383	1.323	1.373	1.211	1.317	1.415	1.400	1.431	1.388	7.18
8)	T	Phenol	1.693	1.844	1.598	1.506	1.560	1.402	1.500	1.605	1.599	1.654	1.596	7.55
9)	T	bis(2-Chloroethyl)ether	1.071	1.187	1.100	1.051	1.045	0.944	0.998	1.066	1.039	1.073	1.057	5.96
10)	T	1,3-Dichlorobenzene	1.592	1.801	1.551	1.555	1.496	1.348	1.408	1.461	1.442	1.492	1.515	8.20
11)	T	1,4-Dichlorobenzene	1.674	1.912	1.603	1.541	1.583	1.388	1.445	1.491	1.466	1.513	1.562	9.51
12)	T	1,2-Dichlorobenzene	1.599	1.818	1.585	1.484	1.511	1.329	1.391	1.456	1.394	1.475	1.504	9.23
13)	t	Benzyl alcohol	1.058	1.224	0.992	1.024	1.019	0.935	0.999	1.065	1.035	1.102	1.045	7.42
14)	T	bis(2-chloroisopropyl)ether	1.363	1.432	1.213	1.191	1.175	1.065	1.113	1.158	1.119	1.143	1.197	9.59
15)	T	2-Methylphenol	1.079	1.339	1.094	1.069	1.106	0.976	1.041	1.098	1.077	1.124	1.100	8.47
16)	T	Hexachloroethane	0.526	0.626	0.556	0.535	0.532	0.480	0.502	0.518	0.518	0.544	0.534	7.29
17)	T	n-Nitrosodi-n-propylamine	0.943	1.083	0.906	0.873	0.867	0.782	0.815	0.869	0.838	0.877	0.885	9.36
18)	T	3-Methylphenol/4-Methylphenol	1.285	1.364	1.191	1.117	1.163	1.059	1.119	1.169	1.149	1.218	1.183	7.45
19)	S	Nitrobenzene-d5	1.275	1.358	1.235	1.226	1.233	1.122	1.185	1.245	1.225	1.267	1.237	4.92
20)	T	Nitrobenzene	1.250	1.440	1.257	1.239	1.271	1.134	1.213	1.260	1.238	1.281	1.258	6.04
21)	T	Isophorone	2.579	2.823	2.398	2.360	2.400	2.098	2.184	2.288	2.251	2.356	2.374	8.65
22)	T	2-Nitrophenol	0.513	0.646	0.582	0.559	0.622	0.580	0.633	0.685	0.672	0.692	0.618	9.53
23)	T	2,4-Dimethylphenol	1.251	1.480	1.171	1.119	1.152	1.038	1.090	1.162	1.143	1.208	1.181	10.18
24)	T	bis(2-Chloroethoxy)methane	1.580	1.739	1.476	1.386	1.402	1.233	1.349	1.407	1.378	1.439	1.439	9.57
25)	T	2,4-Dichlorophenol	1.175	1.531	1.250	1.214	1.257	1.124	1.191	1.258	1.238	1.300	1.254	8.74
26)	T	1,2,4-Trichlorobenzene	1.589	1.800	1.551	1.435	1.480	1.300	1.360	1.415	1.405	1.466	1.480	9.51
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.973	0.971	1.081	0.978	0.964	1.021	0.980	1.008	0.953	1.020	0.995	3.85
29)	T	Acetophenone	1.827	1.670	1.844	1.753	1.736	1.802	1.768	1.779	1.665	1.797	1.764	3.43
30)	T	m-Toluidine	1.557	1.521	1.692	1.634	1.638	1.756	1.697	1.723	1.609	1.721	1.655	4.63
31)	T	2-Chloroaniline	1.571	1.468	1.608	1.567	1.515	1.628	1.562	1.580	1.495	1.596	1.559	3.28
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.460	0.440	0.463	0.452	0.368	0.433	0.424	0.405	0.396	0.401	0.424	7.34
34)	T	n-Decane	1.090	1.002	0.925	0.962	0.906	0.989	0.940	0.931	0.903	0.911	0.956	6.07
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.173	1.325	1.085	1.121	1.049	0.938	0.986	1.002	0.979	0.988	1.064	10.96

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Ical Ref**	: ICAL21695
Calibration dates	: 11/10/24 21:39 11/11/24 10:02		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid				0.180	0.207	0.209	0.245	0.266	0.267	0.269	0.235	15.32
38)	T	4-Chloroaniline	0.131	0.151	0.122	0.118	0.116	0.106	0.112	0.115	0.118	0.119	0.121	10.22
39)	T	Hexachlorobutadiene	0.313	0.361	0.291	0.293	0.273	0.243	0.261	0.267	0.269	0.275	0.284	11.60
40)	T	p-Chloro-m-cresol	0.305	0.349	0.295	0.307	0.305	0.274	0.291	0.308	0.310	0.319	0.306	6.33
41)	T	2-Methylnaphthalene	0.766	0.904	0.737	0.731	0.728	0.642	0.674	0.712	0.693	0.703	0.729	9.70
42)	T	1-Methylnaphthalene	0.283	0.296	0.243	0.250	0.243	0.215	0.231	0.237	0.237	0.244	0.248	9.70
43)	T	Hexachlorocyclopentadiene	0.271	0.336	0.261	0.279	0.281	0.259	0.284	0.300	0.306	0.306	0.288	8.27
44)	T	2,4,6-Trichlorophenol	0.315	0.370	0.273	0.289	0.288	0.259	0.275	0.291	0.294	0.298	0.295	10.30
45)	T	2,4,5-Trichlorophenol	0.300	0.360	0.296	0.303	0.302	0.279	0.298	0.314	0.308	0.318	0.308	6.91
46)	S	2-Fluorobiphenyl	1.030	1.194	0.974	0.975	0.927	0.833	0.883	0.895	0.875	0.896	0.948	10.97
47)	T	2-Chloronaphthalene	0.840	0.967	0.810	0.791	0.777	0.690	0.729	0.755	0.749	0.764	0.787	9.62
48)	T	2-Nitroaniline	0.181	0.225	0.206	0.208	0.219	0.204	0.221	0.233	0.237	0.240	0.217	8.28
49)	T	1,4-Dinitrobenzene	0.076	0.091	0.081	0.089	0.096	0.090	0.102	0.108	0.110	0.113	0.096	13.13
50)	T	1,3-Dinitrobenzene	0.082	0.111	0.102	0.109	0.113	0.104	0.115	0.122	0.123	0.126	0.111	11.70
51)	T	Dimethyl phthalate	1.049	1.135	0.990	0.960	0.938	0.822	0.858	0.885	0.871	0.888	0.940	10.26
52)	T	Acenaphthylene	1.301	1.491	1.258	1.254	1.232	1.074	1.116	1.139	1.111	1.129	1.210	10.33
53)	T	2,6-Dinitrotoluene	0.177	0.198	0.189	0.183	0.194	0.172	0.184	0.196	0.192	0.199	0.188	4.83
54)	T	1,2-Dinitrobenzene	0.069	0.076	0.062	0.071	0.068	0.065	0.070	0.073	0.072	0.073	0.070	5.98
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.214	0.205	0.217	0.205	0.202	0.218	0.209	0.216	0.209	0.218	0.211	2.80
57)	T	3-Chloroaniline	0.150	0.115	0.132	0.137	0.134	0.133	0.128	0.136	0.125	0.136	0.133	6.90
58)	T	2,6-Dichlorophenol	0.324	0.300	0.327	0.312	0.321	0.334	0.330	0.337	0.321	0.332	0.324	3.39
59)	T	1-chloro-2-nitrobenzene	0.138	0.127	0.143	0.138	0.134	0.142	0.139	0.145	0.139	0.145	0.139	3.99
60)	T	Caprolactam	0.089	0.090	0.109	0.102	0.109	0.119	0.120	0.122	0.117	0.122	0.110	11.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.525	0.470	0.496	0.477	0.478	0.473	0.462	0.465	0.444	0.451	0.474	4.87
62)	T	Biphenyl	1.046	0.935	1.009	0.970	0.941	0.954	0.925	0.919	0.861	0.880	0.944	5.87
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.262	0.355	0.309	0.317	0.312	0.291	0.319	0.319	0.320	0.330	0.313	7.74
65)	T	Acenaphthene	1.234	1.381	1.161	1.112	1.121	0.975	1.041	1.030	1.025	1.043	1.112	10.92
66)	T	2,4-Dinitrophenol				0.122	0.142	0.147	0.179	0.193	0.197	0.197	0.168	18.31
67)	T	Dibenzofuran	1.987	2.329	1.931	1.872	1.817	1.609	1.723	1.707	1.664	1.697	1.834	11.58
68)	T	2,4-Dinitrotoluene	0.359	0.438	0.398	0.394	0.407	0.380	0.404	0.426	0.421	0.436	0.406	6.17
69)	T	4-Nitrophenol	0.200	0.230	0.191	0.214	0.223	0.204	0.219	0.230	0.226	0.233	0.217	6.58
70)	T	2,3,5,6-Tetrachlorophenol	0.447	0.500	0.445	0.476	0.459	0.425	0.452	0.464	0.467	0.476	0.461	4.49
71)	T	2,3,4,6-Tetrachlorophenol	0.416	0.520	0.444	0.457	0.457	0.402	0.437	0.443	0.446	0.453	0.447	6.93
72)	T	Diethyl phthalate	1.652	1.745	1.522	1.473	1.440	1.302	1.375	1.376	1.376	1.413	1.467	9.38

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.622	1.791	1.538	1.455	1.446	1.313	1.375	1.369	1.362	1.377	1.465	10.06
74)	T	4-Chlorophenyl-phenylether	0.821	0.959	0.793	0.773	0.745	0.667	0.702	0.704	0.713	0.721	0.760	11.07
75)	T	4-Nitroaniline	0.299	0.361	0.325	0.325	0.340	0.308	0.325	0.313	0.308	0.320	0.322	5.58
76)	T	4,6-Dinitro-o-cresol		0.176	0.164	0.181	0.209	0.213	0.243	0.264	0.268	0.270	0.221	18.99
77)	T	NDPA/DPA	1.344	1.518	1.309	1.251	1.225	1.099	1.147	1.141	1.127	1.175	1.234	10.40
78)	T	Azobenzene	1.383	1.459	1.262	1.250	1.231	1.075	1.158	1.140	1.126	1.163	1.225	9.80
79)	S	2,4,6-Tribromophenol	0.264	0.299	0.290	0.283	0.286	0.259	0.285	0.295	0.295	0.312	0.287	5.55
80)	T	4-Bromophenyl-phenylether	0.592	0.678	0.582	0.514	0.525	0.467	0.499	0.510	0.514	0.527	0.541	11.21
81)	T	Hexachlorobenzene	0.671	0.789	0.659	0.631	0.631	0.561	0.592	0.601	0.606	0.631	0.637	9.76
82)	T	Pentachlorophenol	0.316	0.411	0.390	0.375	0.391	0.374	0.410	0.428	0.435	0.458	0.399	9.92
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.151	0.157	0.165	0.154	0.172	0.207	0.214	0.230	0.224	0.236	0.191	17.89
85)	T	Pentachloronitrobenzene	0.185	0.179	0.198	0.200	0.205	0.235	0.236	0.245	0.233	0.248	0.216	11.80
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.470	0.411	0.395	0.401	0.398	0.435	0.439	0.439	0.426	0.423	0.424	5.48
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.238	1.393	1.188	1.132	1.105	0.987	1.020	1.017	0.980	0.998	1.106	12.21
90)	T	Anthracene	1.254	1.348	1.180	1.119	1.111	0.981	1.044	1.027	1.009	1.009	1.108	10.87
91)	T	Carbazole	1.125	1.233	1.051	1.048	1.024	0.911	0.945	0.960	0.933	0.931	1.016	10.10
92)	T	Di-n-butylphthalate	1.187	1.353	1.172	1.189	1.172	1.052	1.133	1.149	1.122	1.124	1.165	6.65
93)	T	Fluoranthene	1.528	1.711	1.421	1.420	1.371	1.239	1.279	1.298	1.268	1.272	1.381	10.68
94)	T	Benzidine	0.749	0.916	0.798	0.820	0.813	0.740	0.771	0.790	0.776	0.784	0.796	6.20
95)	T	Pyrene	1.566	1.809	1.551	1.484	1.452	1.285	1.342	1.342	1.295	1.281	1.441	11.70
96)	S	4-Terphenyl-d14	1.245	1.410	1.177	1.144	1.108	0.991	1.031	1.052	1.008	1.024	1.119	11.71
97)	T	Butyl benzyl phthalate	0.376	0.449	0.417	0.442	0.481	0.466	0.510	0.541	0.544	0.551	0.478	12.30
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.490	0.472	0.509	0.481	0.488	0.518	0.501	0.503	0.475	0.498	0.494	3.06
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.333	0.318	0.296	0.295	0.296	0.310	0.306	0.306	0.298	0.293	0.305	4.12
102)	T	Parathion	0.092	0.070	0.077	0.078	0.084	0.103	0.110	0.116	0.120	0.121	0.097	19.80
103)	T	3,3'-Dimethylbenzidine	0.595	0.690	0.704	0.763	0.784	0.906	0.888	0.889	0.858	0.857	0.794	13.17
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.580	1.668	1.397	1.340	1.309	1.175	1.235	1.265	1.229	1.242	1.344	12.01
106)	T	3,3'-Dichlorobenzidine	0.468	0.536	0.479	0.491	0.502	0.454	0.488	0.515	0.505	0.508	0.495	4.82
107)	T	Chrysene	1.411	1.593	1.356	1.299	1.248	1.093	1.132	1.138	1.106	1.119	1.249	13.25
108)	T	bis(2-Ethylhexyl)phthalate	0.546	0.657	0.603	0.613	0.643	0.605	0.650	0.672	0.672	0.696	0.636	6.92

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate	0.823	1.075	0.965	1.008	1.093	1.048	1.146	1.208	1.196	1.233	1.080	11.68
110)	T	Benzo(b)fluoranthene	1.368	1.590	1.338	1.413	1.377	1.181	1.260	1.403	1.398	1.491	1.382	8.17
111)	T	Benzo(k)fluoranthene	1.450	1.645	1.385	1.267	1.306	1.222	1.271	1.213	1.153	1.123	1.303	11.93
112)	T	Benzo(a)pyrene	1.288	1.464	1.269	1.246	1.240	1.121	1.177	1.240	1.212	1.254	1.251	7.11
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.182	1.331	1.141	1.129	1.176	1.098	1.191	1.285	1.301	1.394	1.223	8.03
115)	T	Dibenzo[a,h]anthracene	1.161	1.372	1.152	1.131	1.156	1.044	1.123	1.158	1.129	1.158	1.158	7.15
116)	T	Benzo(g,h,i)perylene	1.148	1.328	1.115	1.082	1.110	1.013	1.077	1.125	1.094	1.136	1.123	7.26

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.710	0.706	0.694	0.682	0.762	0.747	0.698	0.737	0.737	0.764	0.724	4.05
3)	t	Pyridine	1.224	1.269	1.192	1.176	1.303	1.373	1.216	1.311	1.270	1.334	1.267	5.08
4)	S	2-Fluorophenol	1.159	1.093	1.114	1.105	1.238	1.201	1.184	1.240	1.222	1.264	1.182	5.22
5)	T	Aniline	1.926	1.885	1.864	1.847	2.093	2.052	1.950	2.046	2.023	2.061	1.975	4.61
6)	t	2-Chlorophenol	1.382	1.290	1.310	1.320	1.480	1.459	1.382	1.417	1.391	1.348	1.378	4.54
7)	S	Phenol-d6	1.469	1.422	1.348	1.368	1.560	1.513	1.460	1.509	1.509	1.490	1.465	4.60
8)	T	Phenol	1.574	1.508	1.440	1.503	1.662	1.641	1.535	1.583	1.563	1.534	1.554	4.23
9)	T	Bis(2-chloroet	1.327	1.203	1.194	1.172	1.327	1.236	1.186	1.231	1.190	1.180	1.225	4.73
10)	T	1,3-Dichlorobe	1.790	1.610	1.585	1.546	1.689	1.613	1.531	1.556	1.503	1.495	1.592	5.70
11)	T	1,4-Dichlorobe	1.749	1.683	1.628	1.592	1.734	1.656	1.560	1.576	1.518	1.502	1.620	5.28
12)	T	1,2-Dichlorobe	1.734	1.681	1.519	1.535	1.690	1.579	1.484	1.518	1.481	1.446	1.567	6.42
13)	t	Benzyl alcohol	0.962	0.950	0.981	0.975	1.149	1.128	1.062	1.094	1.074	1.020	1.039	6.89
14)	T	Bis(2-chlorois	1.757	1.648	1.564	1.589	1.777	1.686	1.597	1.608	1.539	1.419	1.618	6.53
15)	T	2-Methylphenol	1.148	1.115	1.099	1.125	1.289	1.251	1.173	1.205	1.171	1.134	1.171	5.25
16)	T	Hexachloroethane	0.624	0.579	0.540	0.562	0.634	0.588	0.564	0.570	0.543	0.516	0.572	6.39
17)	T	n-Nitrosodi-n-	0.967	0.920	0.898	0.877	1.058	0.997	0.934	0.964	0.956	0.899	0.947	5.68
18)	T	3-Methylphenol	1.209	1.259	1.227	1.210	1.394	1.332	1.259	1.282	1.233	1.170	1.257	5.20
19)	S	Nitrobenzene-d5	1.319	1.287	1.283	1.294	1.486	1.447	1.359	1.397	1.370	1.279	1.352	5.40
20)	T	Nitrobenzene	1.276	1.302	1.294	1.315	1.508	1.479	1.369	1.394	1.351	1.264	1.355	6.18
21)	T	Isophorone	2.590	2.531	2.461	2.492	2.868	2.777	2.589	2.640	2.588	2.479	2.601	5.05
22)	T	2-Nitrophenol		0.538	0.564	0.600	0.711	0.736	0.706	0.745	0.727	0.669	0.666	11.83
23)	T	2,4-Dimethylph	1.343	1.321	1.313	1.318	1.529	1.504	1.397	1.420	1.380	1.313	1.384	5.74
24)	T	Bis(2-chloroet	1.725	1.635	1.566	1.602	1.796	1.706	1.591	1.590	1.560	1.487	1.626	5.64
25)	T	2,4-Dichloroph	1.177	1.176	1.135	1.168	1.369	1.355	1.250	1.266	1.216	1.163	1.227	6.65
26)	T	1,2,4-Trichlor	1.578	1.453	1.414	1.397	1.532	1.470	1.366	1.368	1.300	1.216	1.409	7.57
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	1.085	1.052	1.055	1.068	1.125	1.066	1.026	1.045	1.073	1.065	1.066	2.48
29)	T	Acetophenone	1.879	1.938	1.892	1.874	1.978	1.969	1.973	2.010	1.933	1.889	1.934	2.49
30)	T	m-Toluidine	1.009	1.441	1.561	1.687	1.878	1.915	1.839	1.897	1.875	1.838	1.694	17.03
31)	T	2-Chloroaniline	1.723	1.729	1.690	1.724	1.863	1.830	1.828	1.838	1.784	1.752	1.776	3.40
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane	0.674	0.689	0.616	0.478	0.455	0.444	0.441	0.437	0.450	0.455	0.514	19.99
34)	T	n-Decane	0.904	1.182	1.206	1.184	1.199	1.247	1.147	1.157	1.174	1.167	1.157	8.07
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.205	1.125	1.076	1.059	1.150	1.099	1.031	1.032	1.004	0.962	1.074	6.76

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541375
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV109	**Ical Ref**	: ICAL22353
Calibration dates	: 06/05/25 18:55 06/06/25 12:49		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
37)	T	Benzoic Acid					0.198	0.233	0.246	0.265	0.272	0.262	0.246	11.14
38)	T	4-Chloroaniline	0.134	0.123	0.128	0.124	0.142	0.135	0.128	0.130	0.131	0.125	0.130	4.50
39)	T	Hexachlorobuta	0.243	0.207	0.206	0.206	0.226	0.212	0.203	0.205	0.201	0.194	0.210	6.69
40)	T	p-Chloro-m-cresol	0.292	0.293	0.273	0.283	0.332	0.325	0.313	0.319	0.317	0.311	0.306	6.33
41)	T	2-Methylnaphth	0.736	0.683	0.654	0.642	0.710	0.678	0.637	0.649	0.634	0.618	0.664	5.60
42)	T	1-Methylnaphth	0.247	0.246	0.226	0.227	0.253	0.242	0.223	0.228	0.222	0.212	0.233	5.73
43)	T	Hexachlorocycl	0.239	0.224	0.225	0.232	0.270	0.264	0.266	0.274	0.270	0.260	0.252	7.95
44)	T	2,4,6-Trichlor	0.215	0.210	0.206	0.218	0.254	0.253	0.255	0.250	0.240	0.241	0.234	8.44
45)	T	2,4,5-Trichlor	0.244	0.260	0.261	0.255	0.294	0.282	0.255	0.258	0.256	0.234	0.260	6.59
46)	S	2-Fluorobiphenyl	1.005	0.921	0.871	0.864	0.948	0.891	0.824	0.813	0.780	0.732	0.865	9.40
47)	T	2-Chloronaphth	0.852	0.776	0.738	0.745	0.803	0.762	0.712	0.696	0.665	0.627	0.738	8.99
48)	T	2-Nitroaniline	0.207	0.195	0.196	0.205	0.244	0.250	0.234	0.237	0.232	0.219	0.222	9.08
49)	T	1,4-Dinitroben	0.098	0.087	0.091	0.092	0.113	0.117	0.113	0.115	0.115	0.110	0.105	11.04
50)	T	1,3-Dinitroben	0.103	0.107	0.104	0.112	0.135	0.134	0.128	0.128	0.126	0.119	0.119	10.28
51)	T	Dimethyl phtha	1.014	0.947	0.914	0.904	1.003	0.944	0.862	0.845	0.810	0.759	0.900	9.09
52)	T	Acenaphthylene	1.409	1.281	1.243	1.249	1.376	1.314	1.183	1.156	1.091	1.007	1.231	10.15
53)	T	2,6-Dinitrotol	0.181	0.166	0.169	0.175	0.199	0.199	0.186	0.185	0.175	0.163	0.180	7.06
54)	T	1,2-Dinitroben	0.076	0.069	0.073	0.078	0.090	0.087	0.081	0.079	0.075	0.073	0.078	8.14
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.221	0.230	0.222	0.223	0.243	0.247	0.252	0.260	0.250	0.233	0.238	5.91
57)	T	3-Chloroaniline	0.128	0.138	0.134	0.138	0.143	0.142	0.142	0.144	0.139	0.130	0.138	4.03
58)	T	2,6-Dichlorophenol	0.238	0.267	0.253	0.267	0.293	0.294	0.297	0.294	0.291	0.286	0.278	7.37
59)	T	1-chloro-2-nitrobenzene	0.133	0.132	0.126	0.129	0.139	0.142	0.142	0.147	0.143	0.141	0.137	4.97
60)	T	Caprolactam		0.111	0.120	0.117	0.134	0.149	0.151	0.155	0.150	0.145	0.137	12.47
61)	T	1,2,4,5-Tetrachloroben...	0.399	0.404	0.388	0.386	0.397	0.386	0.380	0.376	0.361	0.351	0.383	4.34
62)	T	Biphenyl	0.917	0.971	0.942	0.933	0.961	0.935	0.911	0.893	0.860	0.814	0.914	5.23
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.300	0.320	0.328	0.334	0.390	0.374	0.358	0.364	0.362	0.348	0.348	7.83
65)	T	Acenaphthene	1.229	1.204	1.159	1.138	1.218	1.146	1.083	1.104	1.094	1.039	1.141	5.50
66)	T	2,4-Dinitrophenol				0.106	0.138	0.154	0.161	0.180	0.185	0.175	0.157	17.77
67)	T	Dibenzofuran	2.116	1.952	1.818	1.820	1.996	1.875	1.750	1.745	1.717	1.619	1.841	8.02
68)	T	2,4-Dinitrotol	0.370	0.373	0.375	0.389	0.467	0.448	0.430	0.434	0.427	0.408	0.412	8.25
69)	T	4-Nitrophenol	0.216	0.209	0.230	0.230	0.283	0.281	0.288	0.299	0.298	0.275	0.261	13.59
70)	T	2,3,5,6-Tetrac	0.339	0.333	0.321	0.346	0.395	0.398	0.385	0.392	0.392	0.369	0.367	8.01
71)	T	2,3,4,6-Tetrachlorophenol	0.370	0.371	0.347	0.361	0.406	0.404	0.377	0.389	0.384	0.360	0.377	5.03
72)	T	Diethyl phthalate	1.633	1.502	1.448	1.461	1.647	1.568	1.472	1.491	1.462	1.384	1.507	5.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
73)	T	Fluorene	1.628	1.527	1.488	1.451	1.590	1.505	1.396	1.398	1.368	1.280	1.463	7.25
74)	T	4-Chlorophenyl	0.822	0.776	0.711	0.698	0.767	0.718	0.661	0.652	0.634	0.590	0.703	10.12
75)	T	4-Nitroaniline	0.318	0.322	0.322	0.330	0.380	0.372	0.344	0.343	0.330	0.310	0.337	6.84
76)	T	4,6-Dinitro-o-			0.156	0.168	0.219	0.227	0.225	0.236	0.236	0.220	0.211	14.79
77)	T	NDPA/DPA	1.417	1.317	1.219	1.273	1.388	1.315	1.198	1.195	1.170	1.083	1.257	8.24
78)	T	Azobenzene	1.407	1.350	1.290	1.319	1.469	1.360	1.271	1.259	1.255	1.133	1.311	7.10
79)	S	2,4,6-Tribromo	0.240	0.247	0.222	0.241	0.270	0.255	0.239	0.233	0.221	0.209	0.238	7.42
80)	T	4-Bromophenyl	0.547	0.511	0.460	0.458	0.495	0.472	0.436	0.437	0.424	0.406	0.465	9.24
81)	T	Hexachlorobenzene	0.694	0.636	0.581	0.574	0.610	0.561	0.508	0.495	0.470	0.447	0.558	13.98
82)	T	Pentachlorophenol		0.207	0.225	0.248	0.304	0.334	0.325	0.329	0.323	0.312	0.290	16.97
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran		0.128	0.129	0.140	0.162	0.185	0.190	0.204	0.209	0.207	0.173	19.45
85)	T	Pentachloronitrobenzene	0.124	0.132	0.143	0.157	0.173	0.181	0.182	0.189	0.186	0.180	0.165	14.60
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.233	0.304	0.319	0.331	0.372	0.403	0.396	0.413	0.399	0.403	0.357	16.46
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.388	1.273	1.178	1.140	1.254	1.170	1.104	1.088	1.077	1.028	1.170	9.28
90)	T	Anthracene	1.343	1.230	1.158	1.153	1.267	1.200	1.122	1.104	1.084	1.033	1.169	7.92
91)	T	Carbazole	1.195	1.117	1.079	1.078	1.195	1.128	1.052	1.031	1.024	0.985	1.088	6.50
92)	T	Di-n-butylphth	1.113	1.153	1.094	1.137	1.366	1.351	1.322	1.327	1.328	1.210	1.240	8.78
93)	T	Fluoranthene	1.431	1.388	1.288	1.284	1.449	1.391	1.315	1.306	1.295	1.226	1.337	5.44
94)	T	Benzidine		0.512	0.558	0.653	0.837	0.872	0.855	0.871	0.879	0.845	0.765	19.34
95)	T	Pyrene	1.548	1.488	1.428	1.388	1.573	1.437	1.344	1.297	1.269	1.184	1.396	8.93
96)	S	4-Terphenyl-d14	1.217	1.146	1.081	1.066	1.193	1.115	1.050	1.012	0.992	0.930	1.080	8.34
97)	T	Butyl benzyl p	0.366	0.391	0.406	0.422	0.542	0.567	0.570	0.580	0.588	0.565	0.500	18.17
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.377	0.421	0.419	0.451	0.489	0.525	0.531	0.542	0.542	0.521	0.482	12.54
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.256	0.337	0.349	0.348	0.374	0.404	0.368	0.384	0.379	0.373	0.357	11.35
102)	T	Parathion				0.069	0.084	0.107	0.111	0.127	0.129	0.133	*Q	0.99
97)														
103)	T	3,3'-Dimethylb					0.542	0.730	0.777	0.839	0.830	0.818	0.756	14.87
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.473	1.397	1.311	1.306	1.439	1.404	1.340	1.393	1.400	1.399	1.386	3.82
106)	T	3,3'-Dichlorob	0.402	0.421	0.425	0.442	0.536	0.537	0.515	0.521	0.504	0.494	0.480	10.79
107)	T	Chrysene	1.516	1.320	1.240	1.237	1.366	1.276	1.204	1.182	1.124	1.085	1.255	9.92

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541375**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
108)	T	Bis(2-ethylhex	0.531	0.561	0.575	0.634	0.798	0.823	0.814	0.857	0.845	0.833	0.727	18.41
109)	T	Di-n-octylphth				0.898	1.222	1.359	1.411	1.545	1.570	1.585	1.370	17.95
110)	T	Benzo(b)fluora	1.273	1.287	1.208	1.203	1.424	1.432	1.374	1.398	1.384	1.469	1.345	7.09
111)	T	Benzo(k)fluora	1.319	1.321	1.264	1.303	1.466	1.342	1.262	1.288	1.250	1.146	1.296	6.24
112)	T	Benzo(a)pyrene	1.149	1.141	1.096	1.128	1.324	1.294	1.254	1.288	1.269	1.270	1.221	6.79
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	0.922	0.928	0.891	0.917	1.118	1.158	1.167	1.232	1.250	1.280	1.086	14.31
115)	T	Dibenzo(a,h)an	0.966	0.998	0.961	0.973	1.149	1.148	1.114	1.124	1.147	1.122	1.070	7.83
116)	T	Benzo(ghi)pery	1.099	1.078	1.017	1.049	1.212	1.188	1.145	1.151	1.134	1.119	1.119	5.38

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/06/25 10:16	
Lab File ID	: ABN0706		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2087212-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
n-Nitrosodimethylamine	0.69	0.719	-	-4.2	20	106	0
Pyridine	1.046	1.081	-	-3.3	20	107	0
2-Fluorophenol	1.064	1.185	-	-11.4	20	112	0
Aniline	1.74	1.886	-	-8.4	20	109	0
2-Chlorophenol	1.252	1.412	-	-12.8	20	113	0
Phenol-d6	1.388	1.41	-	-1.6	20	101	0
Phenol	1.596	1.524	-	4.5	20	96	0
Bis(2-chloroethyl)ether	1.057	1.062	-	-0.5	20	100	0
1,3-Dichlorobenzene	1.515	1.587	-	-4.8	20	106	0
1,4-Dichlorobenzene	1.562	1.608	-	-2.9	20	105	0
1,2-Dichlorobenzene	1.504	1.528	-	-1.6	20	104	0
Benzyl alcohol	1.045	0.958	-	8.3	20	90	0
Bis(2-chloroisopropyl)ethe	1.197	1.238	-	-3.4	20	105	0
2-Methylphenol	1.1	1.158	-	-5.3	20	105	0
Hexachloroethane	0.534	0.578	-	-8.2	20	109	0
n-Nitrosodi-n-propylamine	0.885	0.818	-	7.6	20	95	0
3-Methylphenol/4-Methylphe	1.183	1.226	-	-3.6	20	103	0
Nitrobenzene-d5	1.237	1.213	-	1.9	20	97	0
Nitrobenzene	1.258	1.212	-	3.7	20	94	0
Isophorone	2.374	2.173	-	8.5	20	94	0
2-Nitrophenol	0.618	0.764	-	-23.6*	20	114	0
2,4-Dimethylphenol	1.181	1.294	-	-9.6	20	112	0
Bis(2-chloroethoxy)methane	1.439	1.428	-	0.8	20	100	0
2,4-Dichlorophenol	1.254	1.268	-	-1.1	20	100	0
1,2,4-Trichlorobenzene	1.48	1.384	-	6.5	20	96	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.064	1.048	-	1.5	20	104	0
Benzoic Acid	0.235	0.219	-	6.8	20	88	0
4-Chloroaniline	0.121	0.104	-	14	20	92	0
Hexachlorobutadiene	0.284	0.22	-	22.5*	20	83	0
p-Chloro-m-cresol	0.306	0.295	-	3.6	20	100	0
2-Methylnaphthalene	0.729	0.661	-	9.3	20	96	0
1-Methylnaphthalene	0.248	0.203	-	18.1	20	86	0
Hexachlorocyclopentadiene	0.288	0.272	-	5.6	20	94	0
2,4,6-Trichlorophenol	0.295	0.255	-	13.6	20	91	0
2,4,5-Trichlorophenol	0.308	0.28	-	9.1	20	92	0
2-Fluorobiphenyl	0.948	0.827	-	12.8	20	92	0
2-Chloronaphthalene	0.787	0.726	-	7.8	20	98	0
2-Nitroaniline	0.217	0.24	-	-10.6	20	106	0
1,4-Dinitrobenzene	0.096	0.104	-	-8.3	20	100	0
1,3-Dinitrobenzene	0.111	0.113	-	-1.8	20	97	0
Dimethyl phthalate	0.94	0.832	-	11.5	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/06/25 10:16	
Lab File ID	: ABN0706		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2087212-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.165	-	3.7	20	103	0
2,6-Dinitrotoluene	0.188	0.178	-	5.3	20	95	0
1,2-Dinitrobenzene	0.07	0.067	-	4.3	20	93	0
IS1_Acenaphthene-d10	1	1	-	0	20	86	0
3-Nitroaniline	0.313	0.383	-	-22.4*	20	103	0
Acenaphthene	1.112	1.172	-	-5.4	20	97	0
2,4-Dinitrophenol	0.168	0.209	-	-24.4*	20	101	0
Dibenzofuran	1.834	1.889	-	-3	20	94	0
2,4-Dinitrotoluene	0.406	0.467	-	-15	20	99	0
4-Nitrophenol	0.217	0.223	-	-2.8	20	87	0
2,3,5,6-Tetrachlorophenol	0.461	0.436	-	5.4	20	83	0
2,3,4,6-Tetrachlorophenol	0.447	0.416	-	6.9	20	82	0
Diethyl phthalate	1.467	1.554	-	-5.9	20	97	0
Fluorene	1.465	1.497	-	-2.2	20	94	0
4-Chlorophenyl phenyl ethe	0.76	0.718	-	5.5	20	88	0
4-Nitroaniline	0.322	0.371	-	-15.2	20	98	0
4,6-Dinitro-o-cresol	0.221	0.295	-	-33.5*	20	104	0
NDPA/DPA	1.234	1.272	-	-3.1	20	95	0
Azobenzene	1.225	1.2	-	2	20	89	0
2,4,6-Tribromophenol	0.287	0.298	-	-3.8	20	90	0
4-Bromophenyl phenyl ether	0.541	0.524	-	3.1	20	90	0
Hexachlorobenzene	0.637	0.63	-	1.1	20	91	0
Pentachlorophenol	0.399	0.313	-	21.6*	20	66	0
IS1_Phenanthrene-d10	1	1	-	0	20	83	0
Phenanthrene	1.106	1.148	-	-3.8	20	93	0
Anthracene	1.108	1.169	-	-5.5	20	93	0
Carbazole	1.016	1.101	-	-8.4	20	96	0
Di-n-butylphthalate	1.165	1.372	-	-17.8	20	100	0
Fluoranthene	1.381	1.417	-	-2.6	20	92	0
Benzidine	0.796	0.915	-	-14.9	20	98	0
Pyrene	1.441	1.467	-	-1.8	20	90	0
4-Terphenyl-d14	1.119	1.142	-	-2.1	20	92	0
Butyl benzyl phthalate	0.478	0.67	-	-40.2*	20	109	0
IS1_Chrysene-d12	1	1	-	0	20	79	0
Benzo(a)anthracene	1.344	1.365	-	-1.6	20	87	0
3,3'-Dichlorobenzidine	0.495	0.554	-	-11.9	20	89	0
Chrysene	1.249	1.256	-	-0.6	20	87	0
Bis(2-ethylhexyl)phthalate	0.636	0.894	-	-40.6*	20	108	0
Di-n-octylphthalate	1.08	1.616	-	-49.6*	20	111	0
Benzo(b)fluoranthene	1.382	1.587	-	-14.8	20	99	0
Benzo(k)fluoranthene	1.303	1.324	-	-1.6	20	82	0
Benzo(a)pyrene	1.251	1.408	-	-12.5	20	94	0
IS1_Perylene-d12	1	1	-	0	20	82	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: MORK		**Calibration Date**	: 07/06/25 10:16	
Lab File ID	: ABN0706		**Init. Calib. Date(s)**	: 11/10/24	11/11/24
Sample No	: WG2087212-3		**Init. Calib. Times**	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.223	1.306	-	-6.8	20	90	0
Dibenzo(a,h)anthracene	1.158	1.247	-	-7.7	20	91	0
Benzo(ghi)perylene	1.123	1.268	-	-12.9	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/08/25 09:55	
Lab File ID	: ABN0708		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2088055-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	114	0
n-Nitrosodimethylamine	0.546	0.558	-	-2.2	20	116	0
Pyridine	0.975	0.916	-	6.1	20	110	0
2-Fluorophenol	0.985	1.006	-	-2.1	20	117	0
Aniline	1.622	1.557	-	4	20	113	0
2-Chlorophenol	1.264	1.23	-	2.7	20	116	0
Phenol-d6	1.265	1.288	-	-1.8	20	121	0
Phenol	1.411	1.379	-	2.3	20	116	0
Bis(2-chloroethyl)ether	0.911	0.94	-	-3.2	20	123	0
1,3-Dichlorobenzene	1.548	1.485	-	4.1	20	118	0
1,4-Dichlorobenzene	1.574	1.502	-	4.6	20	115	0
1,2-Dichlorobenzene	1.517	1.445	-	4.7	20	116	0
Benzyl alcohol	0.892	0.882	-	1.1	20	112	0
Bis(2-chloroisopropyl)ethe	1.331	1.458	-	-9.5	20	131	0
2-Methylphenol	1.052	0.998	-	5.1	20	111	0
Hexachloroethane	0.495	0.501	-	-1.2	20	121	0
n-Nitrosodi-n-propylamine	0.777	0.773	-	0.5	20	120	0
3-Methylphenol/4-Methylphe	1.12	1.092	-	2.5	20	114	0
Nitrobenzene-d5	1.104	1.122	-	-1.6	20	116	0
Nitrobenzene	1.089	1.101	-	-1.1	20	118	0
Isophorone	2.147	2.06	-	4.1	20	117	0
2-Nitrophenol	0.624	0.734	-	-17.6	20	130	0
2,4-Dimethylphenol	1.254	1.207	-	3.7	20	112	0
Bis(2-chloroethoxy)methane	1.33	1.362	-	-2.4	20	123	0
2,4-Dichlorophenol	1.424	1.348	-	5.3	20	111	0
1,2,4-Trichlorobenzene	1.727	1.485	-	14	20	105	0
IS1_Naphthalene-d8	1	1	-	0	20	121	0
Naphthalene	1.063	0.946	-	11	20	113	0
Benzoic Acid	50	53.435	-	-6.9	20	129	0
4-Chloroaniline	0.108	0.101	-	6.5	20	113	0
Hexachlorobutadiene	0.298	0.227	-	23.8*	20	100	0
p-Chloro-m-cresol	0.294	0.261	-	11.2	20	109	0
2-Methylnaphthalene	0.719	0.626	-	12.9	20	113	0
1-Methylnaphthalene	0.227	0.196	-	13.7	20	108	0
Hexachlorocyclopentadiene	0.323	0.233	-	27.9*	20	86	0
2,4,6-Trichlorophenol	0.342	0.272	-	20.5*	20	95	0
2,4,5-Trichlorophenol	0.371	0.311	-	16.2	20	111	0
2-Fluorobiphenyl	1.105	0.905	-	18.1	20	104	0
2-Chloronaphthalene	0.883	0.763	-	13.6	20	112	0
2-Nitroaniline	0.223	0.235	-	-5.4	20	119	0
1,4-Dinitrobenzene	0.104	0.114	-	-9.6	20	120	0
1,3-Dinitrobenzene	0.124	0.128	-	-3.2	20	114	0
Dimethyl phthalate	1.098	0.894	-	18.6	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/08/25 09:55	
Lab File ID	: ABN0708		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2088055-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.234	-	15.4	20	106	0
2,6-Dinitrotoluene	0.2	0.196	-	2	20	113	0
1,2-Dinitrobenzene	0.08	0.081	-	-1.3	20	113	0
IS1_Acenaphthene-d10	1	1	-	0	20	111	0
3-Nitroaniline	0.302	0.319	-	-5.6	20	115	0
Acenaphthene	1.179	0.99	-	16	20	98	0
2,4-Dinitrophenol	50	53.493	-	-7	20	128	0
Dibenzofuran	1.987	1.711	-	13.9	20	104	0
2,4-Dinitrotoluene	0.393	0.416	-	-5.9	20	111	0
4-Nitrophenol	0.189	0.194	-	-2.6	20	114	0
2,3,5,6-Tetrachlorophenol	0.472	0.394	-	16.5	20	95	0
2,3,4,6-Tetrachlorophenol	0.484	0.396	-	18.2	20	95	0
Diethyl phthalate	1.464	1.331	-	9.1	20	110	0
Fluorene	1.571	1.332	-	15.2	20	102	0
4-Chlorophenyl phenyl ethe	0.853	0.674	-	21*	20	94	0
4-Nitroaniline	0.317	0.329	-	-3.8	20	114	0
4,6-Dinitro-o-cresol	50	59.577	-	-19.2	20	140	0
NDPA/DPA	1.356	1.134	-	16.4	20	101	0
Azobenzene	1	0.939	-	6.1	20	109	0
2,4,6-Tribromophenol	0.254	0.242	-	4.7	20	112	0
4-Bromophenyl phenyl ether	0.539	0.428	-	20.6*	20	99	0
Hexachlorobenzene	0.597	0.509	-	14.7	20	107	0
Pentachlorophenol	0.354	0.291	-	17.8	20	87	0
IS1_Phenanthrene-d10	1	1	-	0	20	105	0
Phenanthrene	1.151	1.022	-	11.2	20	101	0
Anthracene	1.169	1.06	-	9.3	20	102	0
Carbazole	1.1	0.975	-	11.4	20	102	0
Di-n-butylphthalate	1.153	1.158	-	-0.4	20	111	0
Fluoranthene	1.561	1.347	-	13.7	20	97	0
Benzidine	0.982	0.93	-	5.3	20	104	0
Pyrene	1.633	1.392	-	14.8	20	95	0
4-Terphenyl-d14	1.213	1.01	-	16.7	20	94	0
Butyl benzyl phthalate	0.523	0.553	-	-5.7	20	109	0
IS1_Chrysene-d12	1	1	-	0	20	98	0
Benzo(a)anthracene	1.536	1.32	-	14.1	20	90	0
3,3'-Dichlorobenzidine	0.566	0.574	-	-1.4	20	103	0
Chrysene	1.37	1.199	-	12.5	20	93	0
Bis(2-ethylhexyl)phthalate	0.661	0.732	-	-10.7	20	105	0
Di-n-octylphthalate	1.154	1.349	-	-16.9	20	107	0
Benzo(b)fluoranthene	1.488	1.357	-	8.8	20	94	0
Benzo(k)fluoranthene	1.444	1.32	-	8.6	20	96	0
Benzo(a)pyrene	1.396	1.301	-	6.8	20	94	0
IS1_Perylene-d12	1	1	-	0	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: JULIET		**Calibration Date**	: 07/08/25 09:55	
Lab File ID	: ABN0708		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2088055-3		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.283	1.213	-	5.5	20	96	0
Dibenzo(a,h)anthracene	1.22	1.126	-	7.7	20	94	0
Benzo(ghi)perylene	1.239	1.117	-	9.8	20	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/08/25 10:18	
Lab File ID	: AP90708		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2088055-4		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	111	0
Benzaldehyde	0.862	0.753	-	12.6	20	100	0
Acetophenone	1.581	1.66	-	-5	20	116	0
m-Toluidine	1.448	1.393	-	3.8	20	99	0
2-Chloroaniline	1.607	1.611	-	-0.2	20	110	0
IS2_Naphthalene-d8	1	1	-	0	20	111	0
a-Terpineol	0.194	0.247	-	-27.3*	20	136	0
3-Chloroaniline	0.109	0.117	-	-7.3	20	120	0
2,6-Dichlorophenol	0.349	0.346	-	0.9	20	104	0
1-chloro-2-nitrobenzene	0.125	0.138	-	-10.4	20	115	0
Caprolactam	0.115	0.141	-	-22.6*	20	133	0
1,2,4,5-Tetrachlorobenzene	0.565	0.464	-	17.9	20	90	0
Biphenyl	1.042	0.95	-	8.8	20	100	0
IS2_Acenaphthene-d10	1	1	-	0	20	102	0
Dichloran	0.218	0.242	-	-11	20	109	0
Pentachloronitrobenzene	0.19	0.198	-	-4.2	20	97	0
IS2_Phenanthrene-d10	1	1	-	0	20	101	0
Diphenamid	0.529	0.521	-	1.5	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: SV109	Calibration Date	: 07/10/25 19:55
Lab File ID	: ABN0710	Init. Calib. Date(s)	: 06/05/25 06/06/25
Sample No	: WG2089293-3	Init. Calib. Times	: 18:55 12:49
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
n-Nitrosodimethylamine	0.724	0.641	-	11.5	20	79	0
Pyridine	1.267	0.957	-	24.5*	20	68	0
2-Fluorophenol	1.182	1.138	-	3.7	20	83	0
Aniline	1.975	1.899	-	3.8	20	84	0
2-Chlorophenol	1.378	1.382	-	-0.3	20	86	0
Phenol-d6	1.465	1.431	-	2.3	20	84	0
Phenol	1.554	1.495	-	3.8	20	84	0
Bis(2-chloroethyl)ether	1.225	1.136	-	7.3	20	82	0
1,3-Dichlorobenzene	1.592	1.533	-	3.7	20	86	0
1,4-Dichlorobenzene	1.62	1.566	-	3.3	20	86	0
1,2-Dichlorobenzene	1.567	1.521	-	2.9	20	88	0
Benzyl alcohol	1.039	1.041	-	-0.2	20	84	0
Bis(2-chloroisopropyl)ethe	1.618	1.221	-	24.5*	20	66	0
2-Methylphenol	1.171	1.186	-	-1.3	20	87	0
Hexachloroethane	0.572	0.558	-	2.4	20	85	0
n-Nitrosodi-n-propylamine	0.947	0.873	-	7.8	20	80	0
3-Methylphenol/4-Methylphe	1.257	1.272	-	-1.2	20	87	0
Nitrobenzene-d5	1.352	1.31	-	3.1	20	83	0
Nitrobenzene	1.355	1.294	-	4.5	20	81	0
Isophorone	2.601	2.448	-	5.9	20	81	0
2-Nitrophenol	0.666	0.805	-	-20.9*	20	98	0
2,4-Dimethylphenol	1.384	1.352	-	2.3	20	83	0
Bis(2-chloroethoxy)methane	1.626	1.539	-	5.4	20	83	0
2,4-Dichlorophenol	1.227	1.314	-	-7.1	20	90	0
1,2,4-Trichlorobenzene	1.409	1.399	-	0.7	20	88	0
IS1_Naphthalene-d8	1	1	-	0	20	85	0
Naphthalene	1.074	1.071	-	0.3	20	88	0
Benzoic Acid	0.246	0.257	-	-4.5	20	89	0
4-Chloroaniline	0.13	0.114	-	12.3	20	75	0
Hexachlorobutadiene	0.21	0.222	-	-5.7	20	93	0
p-Chloro-m-cresol	0.306	0.322	-	-5.2	20	87	0
2-Methylnaphthalene	0.664	0.682	-	-2.7	20	91	0
1-Methylnaphthalene	0.233	0.225	-	3.4	20	85	0
Hexachlorocyclopentadiene	0.252	0.304	-	-20.6*	20	97	0
2,4,6-Trichlorophenol	0.234	0.271	-	-15.8	20	90	0
2,4,5-Trichlorophenol	0.26	0.293	-	-12.7	20	98	0
2-Fluorobiphenyl	0.865	0.868	-	-0.3	20	89	0
2-Chloronaphthalene	0.738	0.755	-	-2.3	20	90	0
2-Nitroaniline	0.222	0.26	-	-17.1	20	94	0
1,4-Dinitrobenzene	0.105	0.128	-	-21.9*	20	96	0
1,3-Dinitrobenzene	0.119	0.139	-	-16.8	20	92	0
Dimethyl phthalate	0.9	0.91	-	-1.1	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV109		Calibration Date	: 07/10/25 19:55	
Lab File ID	: ABN0710		Init. Calib. Date(s)	: 06/05/25	06/06/25
Sample No	: WG2089293-3		Init. Calib. Times	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.231	1.262	-	-2.5	20	90	0
2,6-Dinitrotoluene	0.18	0.204	-	-13.3	20	93	0
1,2-Dinitrobenzene	0.078	0.089	-	-14.1	20	94	0
IS1_Acenaphthene-d10	1	1	-	0	20	89	0
3-Nitroaniline	0.348	0.369	-	-6	20	91	0
Acenaphthene	1.141	1.121	-	1.8	20	92	0
2,4-Dinitrophenol	0.157	0.211	-	-34.4*	20	116	0
Dibenzofuran	1.841	1.786	-	3	20	90	0
2,4-Dinitrotoluene	0.412	0.458	-	-11.2	20	94	0
4-Nitrophenol	0.261	0.244	-	6.5	20	75	0
2,3,5,6-Tetrachlorophenol	0.367	0.43	-	-17.2	20	99	0
2,3,4,6-Tetrachlorophenol	0.377	0.417	-	-10.6	20	98	0
Diethyl phthalate	1.507	1.492	-	1	20	90	0
Fluorene	1.463	1.442	-	1.4	20	91	0
4-Chlorophenyl phenyl ethe	0.703	0.71	-	-1	20	95	0
4-Nitroaniline	0.337	0.36	-	-6.8	20	93	0
4,6-Dinitro-o-cresol	0.211	0.285	-	-35.1*	20	112	0
NDPA/DPA	1.257	1.237	-	1.6	20	91	0
Azobenzene	1.311	1.186	-	9.5	20	83	0
2,4,6-Tribromophenol	0.238	0.302	-	-26.9*	20	112	0
4-Bromophenyl phenyl ether	0.465	0.485	-	-4.3	20	98	0
Hexachlorobenzene	0.558	0.595	-	-6.6	20	104	0
Pentachlorophenol	0.29	0.378	-	-30.3*	20	103	0
IS1_Phenanthrene-d10	1	1	-	0	20	91	0
Phenanthrene	1.17	1.133	-	3.2	20	93	0
Anthracene	1.169	1.163	-	0.5	20	94	0
Carbazole	1.088	1.088	-	0	20	94	0
Di-n-butylphthalate	1.24	1.344	-	-8.4	20	92	0
Fluoranthene	1.337	1.348	-	-0.8	20	93	0
Benzidine	0.765	0.904	-	-18.2	20	96	0
Pyrene	1.396	1.383	-	0.9	20	93	0
4-Terphenyl-d14	1.08	1.073	-	0.6	20	93	0
Butyl benzyl phthalate	0.5	0.612	-	-22.4*	20	97	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.386	1.353	-	2.4	20	93	0
3,3'-Dichlorobenzidine	0.48	0.558	-	-16.3	20	100	0
Chrysene	1.255	1.215	-	3.2	20	93	0
Bis(2-ethylhexyl)phthalate	0.727	0.842	-	-15.8	20	95	0
Di-n-octylphthalate	1.37	1.505	-	-9.9	20	98	0
Benzo(b)fluoranthene	1.345	1.436	-	-6.8	20	96	0
Benzo(k)fluoranthene	1.296	1.363	-	-5.2	20	99	0
Benzo(a)pyrene	1.221	1.342	-	-9.9	20	99	0
IS1_Perylene-d12	1	1	-	0	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV109		**Calibration Date**	: 07/10/25 19:55	
Lab File ID	: ABN0710		**Init. Calib. Date(s)**	: 06/05/25	06/06/25
Sample No	: WG2089293-3		**Init. Calib. Times**	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.086	1.244	-	-14.5	20	106	0
Dibenzo(a,h)anthracene	1.07	1.165	-	-8.9	20	104	0
Benzo(ghi)perylene	1.119	1.189	-	-6.3	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV109		Calibration Date	: 07/10/25 20:42	
Lab File ID	: ADP0710		Init. Calib. Date(s)	: 06/05/25	06/06/25
Sample No	: WG2089293-5		Init. Calib. Times	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
1,4-Dioxane	0.514	0.412	-	19.8	20	67	0
n-Decane	1.157	1.062	-	8.2	20	66	0
IS3_Acenaphthene-d10	1	1	-	0	20	71	0
Atrazine	0.357	0.475	-	-33.1*	20	85	0
IS3_Phenanthrene-d10	1	1	-	0	20	70	0
n-Octadecane	0.357	0.364	-	-2	20	69	0
Parathion	50	64.494	-	-29*	20	98	0
3,3'-Dimethylbenzidine	0.756	0.97	-	-28.3*	20	87	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2541375

1 Field Blank*
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The sample was extracted and analyzed within the USEPS SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for pentachlorophenol was above the allowable maximum (20%) on 07-08-25 (WG2088279-3). The %Ds for hexachloroethane, hexachlorobenzene, phenanthrene, and benzo(a)anthracene were above the allowable maximum (20%) on 07-10-25 (WG2089037-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2087660-1BLANK contained traces of 8 compounds (highlighted yellow on attached Form 1). Method blank WG2088675-1BLANK contained a trace of pentachlorophenol (0.17 ug/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the field blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2087660-3/4 and WG2088675-2/3.

Compound ID: Checked compound results were within GC/MS quantitation limits.

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* This data is not applicable for the soil samples.

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2087660-1	Date Collected	: NA
Client ID	: WG2087660-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/25 03:26
Sample Matrix	: WATER	Date Extracted	: 07/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 087660-1	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	0.05	0.20	0.02	J
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	0.09	0.50	0.02	J
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.04	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.05	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	0.04	0.10	0.03	J
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.05	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2088675-1	Date Collected	: NA
Client ID	: WG2088675-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/10/25 10:44
Sample Matrix	: WATER	Date Extracted	: 07/09/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 088675-1	Analyst	: DV
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	0.17	0.80	0.06	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV120		Calibration Date	: 07/08/25 20:39	
Lab File ID	: CCV0708N		Init. Calib. Date(s)	: 07/03/25	07/03/25
Sample No	: WG2088279-3		Init. Calib. Times	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	86	0
N-Nitrosodimethylamine	0.65	0.674	.05	-3.7	20	89	0
2-Fluorophenol	1.059	1.158	.05	-9.3	20	92	0
Phenol-d6	1.308	1.418	.05	-8.4	20	91	0
Bis(2-chloroethyl)ether	1.132	1.119	.05	1.1	20	85	0
n-nitrosodi-n-propylamine	0.77	0.768	.05	0.3	20	83	0
Hexachloroethane	0.47	0.472	.05	-0.4	20	85	0
Nitrobenzene-d5	0.938	1.022	.05	-9	20	89	0
Naphthalene-d8	1	1	.05	0	20	88	0
Naphthalene	1.003	0.938	.05	6.5	20	84	0
Hexachlorobutadiene	0.191	0.177	.05	7.3	20	81	0
2-Methylnaphthalene	0.617	0.612	.05	0.8	20	86	0
1-Methylnaphthalene	0.647	0.624	.05	3.6	20	84	0
2-Fluorobiphenyl	0.824	0.801	.05	2.8	20	85	0
2-Chloronaphthalene	0.686	0.658	.05	4.1	20	83	0
2,6-Dinitrotoluene	1000	876.919	.05	12.3	20	87	0
Acenaphthylene	1.068	1.068	.05	0	20	83	0
Acenaphthene-d10	1	1	.05	0	20	89	0
Acenaphthene	1.231	1.159	.05	5.8	20	84	0
2,4-Dinitrotoluene	1000	861.849	.05	13.8	20	86	0
Fluorene	1.381	1.347	.05	2.5	20	84	0
2,4,6-Tribromophenol	1000	1037.827	.05	-3.8	20	98	0
Phenanthrene-d10	1	1	.05	0	20	90	0
4,6-Dinitro-o-cresol	1000	1169.25	.05	-16.9	20	110	0
Hexachlorobenzene	0.232	0.214	.05	7.8	20	82	0
Pentachlorophenol	1000	1306.382	.05	-30.6*	20	122	0
Phenanthrene	1.068	0.989	.05	7.4	20	84	0
Anthracene	1.029	0.986	.05	4.2	20	83	0
Fluoranthene	1.156	1.131	.05	2.2	20	83	0
Pyrene	1.203	1.172	.05	2.6	20	82	0
Benzidine	1000	627.566	.05	37.2*	20	71	0
4-Terphenyl-d14	0.83	0.836	.05	-0.7	20	84	0
Chrysene-d12	1	1	.05	0	20	88	0
Benzo[a]anthracene	1000	927.029	.05	7.3	20	82	0
3,3'-Dichlorobenzidine	1000	885.445	.05	11.5	20	86	0
Chrysene	1.25	1.161	.05	7.1	20	81	0
Bis(2-ethylhexyl)phthalate	1000	963.363	.05	3.7	20	88	0
Perylene-d12	1	1	.05	0	20	87	0
Benzo[b]fluoranthene	0.995	1.081	.05	-8.6	20	87	0
Benzo[k]fluoranthene	1.096	1.175	.05	-7.2	20	79	0
Benzo[a]pyrene	0.893	0.994	.05	-11.3	20	84	0
Indeno[1,2,3-cd]pyrene	0.7	0.837	.05	-19.6	20	96	0
Dibenzo[a,h]anthracene	1000	1018.657	.05	-1.9	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV120		**Calibration Date**	: 07/08/25 20:39	
Lab File ID	: CCV0708N		**Init. Calib. Date(s)**	: 07/03/25	07/03/25
Sample No	: WG2088279-3		**Init. Calib. Times**	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	0.845	0.947	.05	-12.1	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541375	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV125		Calibration Date	: 07/10/25 09:16	
Lab File ID	: CCV0710		Init. Calib. Date(s)	: 04/29/25	04/29/25
Sample No	: WG2089037-3		Init. Calib. Times	: 19:41	22:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	82	0
N-Nitrosodimethylamine	0.652	0.58	.05	11	20	72	0
2-Fluorophenol	1.074	1.064	.05	0.9	20	78	0
Phenol-d6	1.285	1.248	.05	2.9	20	77	0
Bis(2-chloroethyl)ether	1000	877.73	.05	12.2	20	69	0
n-nitrosodi-n-propylamine	0.742	0.632	.05	14.8	20	65	0
Hexachloroethane	0.552	0.433	.05	21.6*	20	66	0
Nitrobenzene-d5	1.061	1.012	.05	4.6	20	72	0
Naphthalene-d8	1	1	.05	0	20	80	0
Naphthalene	1.161	0.964	.05	17	20	70	0
Hexachlorobutadiene	0.223	0.181	.05	18.8	20	67	0
2-Methylnaphthalene	0.68	0.627	.05	7.8	20	72	0
1-Methylnaphthalene	0.717	0.642	.05	10.5	20	71	0
2-Fluorobiphenyl	0.904	0.847	.05	6.3	20	75	0
2-Chloronaphthalene	0.787	0.707	.05	10.2	20	72	0
2,6-Dinitrotoluene	0.173	0.158	.05	8.7	20	70	0
Acenaphthylene	1.202	1.137	.05	5.4	20	71	0
Acenaphthene-d10	1	1	.05	0	20	84	0
Acenaphthene	1.476	1.213	.05	17.8	20	70	0
2,4-Dinitrotoluene	0.404	0.363	.05	10.1	20	70	0
Fluorene	1.581	1.378	.05	12.8	20	71	0
2,4,6-Tribromophenol	0.213	0.223	.05	-4.7	20	77	0
Phenanthrene-d10	1	1	.05	0	20	85	0
4,6-Dinitro-o-cresol	1000	856.071	.05	14.4	20	80	0
Hexachlorobenzene	0.281	0.224	.05	20.3*	20	69	0
Pentachlorophenol	1000	814.158	.05	18.6	20	69	0
Phenanthrene	1.32	1.051	.05	20.4*	20	71	0
Anthracene	1.22	1.052	.05	13.8	20	73	0
Fluoranthene	1.433	1.25	.05	12.8	20	72	0
Pyrene	1.479	1.281	.05	13.4	20	71	0
Benzidine	0.799	0.365	.05	54.3*	20	38	0
4-Terphenyl-d14	0.85	0.805	.05	5.3	20	80	0
Chrysene-d12	1	1	.05	0	20	90	0
Benzo[a]anthracene	1000	796.728	.05	20.3*	20	71	0
3,3'-Dichlorobenzidine	0.581	0.502	.05	13.6	20	73	0
Chrysene	1.485	1.233	.05	17	20	71	0
Bis(2-ethylhexyl)phthalate	1000	704.989	.05	29.5*	20	68	0
Perylene-d12	1	1	.05	0	20	92	0
Benzo[b]fluoranthene	1.415	1.276	.05	9.8	20	81	0
Benzo[k]fluoranthene	1.377	1.172	.05	14.9	20	72	0
Benzo[a]pyrene	1.205	1.101	.05	8.6	20	77	0
Indeno[1,2,3-cd]pyrene	1.173	1.119	.05	4.6	20	82	0
Dibenzo[a,h]anthracene	1.146	1.078	.05	5.9	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541375	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV125		**Calibration Date**	: 07/10/25 09:16	
Lab File ID	: CCV0710		**Init. Calib. Date(s)**	: 04/29/25	04/29/25
Sample No	: WG2089037-3		**Init. Calib. Times**	: 19:41	22:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	1.231	1.119	.05	9.1	20	79	0

* Value outside of QC limits.

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2541375

1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The sample was extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: Method blank WG2087437-1BLANK contained a trace of 1,4-dioxane (59.0 ng/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recovery was within control limits for the field blank.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2087437-2/3.

Compound ID: Checked surrogate result was within quantitation limits. The analysis of the field blank reported target compounds as "not detected".

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Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2087437-1	Date Collected	: NA
Client ID	: WG2087437-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/08/25 14:18
Sample Matrix	: WATER	Date Extracted	: 07/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107082512	Analyst	: DB
Sample Amount	: 1000 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	59.0	75.0	17.0	J

Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2541375

13 Soil Samples and 1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples and field blank.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2086967-2/3 and WG2087325-2/3, and aqueous samples WG2087406-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %Ds for target herbicides were below the allowable maximum (15%) for both channels, as required.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target herbicides as not detected.

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Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2541375

13 Soil Samples and 1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for applicable metals were within control limits (75-125%) for aqueous batch spike sample L2540448-02.

The %R for barium was above control limits (75-125%) for soil spike sample 25SB-11 (0-2). Positive results for barium should be considered estimated, biased high (J+) in associated soil samples.

The %Rs for antimony, arsenic, and copper were below control limits (75-125%), but not below 10% for soil spike sample 25SB-11 (0-2). Positive results for antimony, arsenic, and copper should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicates: The relative percent differences for calcium and zinc were above the allowable maximum (35%) for soil duplicate sample 25SB-11 (0-2). Positive results for calcium and zinc should be considered estimated (J) in associated soil samples.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG2089197-2 and WG2089090-2 and aqueous samples WG2088542-2 and WG2088545-2.

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Serial Dilution: The %Ds for applicable metals were below the allowable maximum (15%) for soil serial dilution sample 25SB-11 (0-2), as required.

Percent Solids: The % solids for soil samples were above 50%.

Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-11 (0-2)	Matrix	: SOIL
Lab Sample ID	: L2541375-01		
Matrix Spike	: WG2089197-3	MS Analysis Date	: 07/10/25 21:46
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	5490	167	6030	NA						75-125	20
Antimony, Total	6.98	41.8	17.0	24	Q					75-125	20
Arsenic, Total	7.70	10	14.5	68	Q					75-125	20
Beryllium, Total	0.349J	4.18	4.09	98						75-125	20
Cadmium, Total	0.428J	4.44	4.22	95						75-125	20
Calcium, Total	10000	837	12400	NA						75-125	20
Chromium, Total	14.2	16.7	27.3	78						75-125	20
Cobalt, Total	5.15	41.8	41.0	86						75-125	20
Copper, Total	41.0	20.9	55.7	70	Q					75-125	20
Iron, Total	10200	83.7	9560	NA						75-125	20
Lead, Total	1100	44.4	754	NA						75-125	20
Magnesium, Total	4190	837	5590	NA						75-125	20
Manganese, Total	224	41.8	277	NA						75-125	20
Nickel, Total	18.3	41.8	55.0	88						75-125	20
Potassium, Total	718	837	1720	120						75-125	20
Selenium, Total	ND	10	8.69	86						75-125	20
Silver, Total	0.276J	4.18	4.15	99						75-125	20
Sodium, Total	ND	837	940	112						75-125	20
Thallium, Total	ND	10	9.86	98						75-125	20
Vanadium, Total	16.9	41.8	54.3	89						75-125	20
Zinc, Total	651	41.8	824	NA						75-125	20

NA - The sample concentration is greater than4X the spiking level; therefore, the %R is not applicable.

Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-11 (0-2)	Matrix	: SOIL
Lab Sample ID	: L2541375-01		
Matrix Spike	: WG2089197-3	MS Analysis Date	: 07/11/25 09:22
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	RPD	Recovery Limits	RPD Limit
Barium, Total	434	167	910	284 Q					75-125	20

Form 6
Lab Duplicates

Client	: Vektor Consultants, LLC	Lab Number	: L2541375
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-11 (0-2)	Matrix	: SOIL
Lab Sample ID	: L2541375-01	Analysis Date	: 07/10/25 21:43
Dup Sample ID	: WG2089197-4	DUP Analysis Date	: 07/10/25 21:50

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)	RPD	RPD Limit
Aluminum, Total	5490	5920	8	20
Antimony, Total	6.98	ND	NC	20
Arsenic, Total	7.70	8.18	6	20
Beryllium, Total	0.349J	0.356J	NC	20
Cadmium, Total	0.428J	0.801J	NC	20
Calcium, Total	10000	14600	37 Q	20
Chromium, Total	14.2	15.1	6	20
Cobalt, Total	5.15	5.17	0	20
Copper, Total	41.0	42.0	2	20
Iron, Total	10200	10900	7	20
Lead, Total	1100	928	17	20
Magnesium, Total	4190	5550	28 Q	35
Manganese, Total	224	235	5	20
Nickel, Total	18.3	20.2	10	20
Potassium, Total	718	743	3	20
Selenium, Total	ND	0.579J	NC	20
Silver, Total	0.276J	0.287J	NC	20
Sodium, Total	ND	ND	NC	20
Thallium, Total	ND	ND	NC	20
Vanadium, Total	16.9	16.9	0	20
Zinc, Total	651	1030	45 Q	20

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2541375

13 Soil Samples and 1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples and field blank.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2087035-2/3 and aqueous samples WG2086509-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate and detected aroclor results were within GC quantitation limits. The %RPD for dual column quantitation of aroclor 1268 in sample 25SB-13 (0-2) was below the allowable maximum (25%), as required.

Aroclor 1268 was reported as detected on column 1 and "not detected" on column 2 for sample 25SB-10 (0-2). The positive results for aroclor 1268 should be considered rejected, unusable (R) in sample 25SB-10 (0-2).

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Identification Summary
Form 10
PCBs

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541375
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541375-12			
Client ID	:	25SB-10 (0-2)			
Date Analyzed (1)	:	07/07/25 14:04	Date Analyzed (2)	:	07/07/25 14:04
Instrument ID (1)	:	PEST24	Instrument ID (2)	:	PEST24
GC Column (1)	:	CLP-Pesticide	GC Column (2)	:	CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1268	1	3.48	-0.05	0.05	5.43		
	2	3.50	-0.05	0.05	4.33		
COLUMN 1	3	3.60	-0.05	0.05	9.92		
	4	3.79	-0.05	0.05	9.01		
	5	3.95	-0.05	0.05	5.71	6.88J	
	1	3.87	-0.05	0.05	5.54		
	2	3.89	-0.05	0.05	3.76		
COLUMN 2	3	4.03	-0.05	0.05	5.76		
	4	4.19	-0.05	0.05	6.36		
	5	4.37	-0.05	0.05	6.79	0.	NC

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2541375

13 Soil Samples
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample 25SB-10 (11-12) was above QC limits on one column. No action is taken on one surrogate recovery outside QC limits on one column, provided the recovery is not less than 10%.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2087192-2/3 and aqueous samples WG2086528-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %Ds and average %Ds for target pesticides were below allowable maximum (20%) both for channels, as required.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate and detected pesticide results were within GC quantitation limits. The RPD for dual column quantitation of 4,4'-DDE in sample 25SB-13 (0-2) was above the allowable maximum (25%), but not above 70% and the higher result was reported. The positive result for 4,4'-DDE should be considered estimated, biased high (J+) in the sample.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

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Surrogate Recovery Summary
Form 2
Pesticides

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541375
Project Number: 25030019
Matrix: Soil

GC Column 1: CLPPesticides
GC Column 2: CLPPesticidesII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
25SB-11 (0-2) (L2541375-01)	74	58	59	57			0
25SB-11 (11-12) (L2541375-02)	74	61	61	60			0
25SB-14 (0-2) (L2541375-03)	63	58	51	49			0
25SB-14 (7-9) (L2541375-04)	63	58	56	51			0
25SB-14 (11-12) (L2541375-05)	70	60	54	52			0
25SB-13 (0-2) (L2541375-06)	69	60	61	57			0
25SB-13 (11-12) (L2541375-07)	70	63	57	56			0
25SB-12 (0-2) (L2541375-08)	68	63	55	72			0
25SB-12 (11-12) (L2541375-09)	113	61	58	62			0
25SB-9 (0-2) (L2541375-10)	70	58	63	55			0
25SB-9 (11-12) (L2541375-11)	74	57	54	52			0
25SB-10 (0-2) (L2541375-12)	71	64	62	59			0
25SB-10 (11-12) (L2541375-13)	1967*	52	47	54			1
WG2087192-1BLANK	70	65	57	60			0
WG2087192-2LCS	70	66	62	61			0
WG2087192-3LCSD	75	70	63	64			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

*** Values outside of QC limits**

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541375
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541375-06			
Client ID	:	25SB-13 (0-2)			
Date Analyzed (1)	:	07/08/25 12:16	Date Analyzed (2)	:	07/08/25 12:16
Instrument ID (1)	:	PEST18	Instrument ID (2)	:	PEST18
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticidesII

			RT Window			
Analyte	Col	RT	From	To	Concentration	RPD
4,4'-DDE	1	4.39	4.34	4.44	2.35	
	2	5.23	5.18	5.28	1.6J	38

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2541375

13 Soil Samples and 1 Field Blank
Collected July 1, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: The analyses of the method and field blanks reported target PFAS as not detected.

Surrogate Recovery: Four of twenty-four surrogate recoveries for sample SB-11 (11-12) were above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the sample.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples WG2088045-2/3 and aqueous sample WG2086488-3.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541375
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
25SB-11 (0-2) (L2541375-01)	93	87	72	78	90	87	67
25SB-11 (11-12) (L2541375-02)	85	82	68	102	85	81	69
25SB-14 (0-2) (L2541375-03)	96	92	78	74	91	104	70
25SB-14 (7-9) (L2541375-04)	85	85	62	60	86	92	60
25SB-14 (11-12) (L2541375-05)	99	97	80	82	94	93	78
25SB-13 (0-2) (L2541375-06)	94	98	76	76	91	102	71
25SB-13 (11-12) (L2541375-07)	97	96	75	78	99	95	89
25SB-12 (0-2) (L2541375-08)	98	107	79	83	104	108	79
25SB-12 (11-12) (L2541375-09)	98	94	75	81	95	89	75
25SB-9 (0-2) (L2541375-10)	99	93	68	69	92	85	64
25SB-9 (11-12) (L2541375-11)	96	90	86	77	93	90	96
25SB-10 (0-2) (L2541375-12)	94	87	68	79	82	77	62
25SB-10 (11-12) (L2541375-13)	92	84	66	74	88	83	64
WG2088045-1BLANK	95	99	78	90	103	98	77
WG2088045-2LCS	98	97	91	94	98	93	85
WG2088045-3LCS	94	97	79	79	93	88	76

QC LIMITS

(8-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(35-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(40-165) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
(40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541375
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
25SB-11 (0-2) (L2541375-01)	95	85	95	69	89	86	69
25SB-11 (11-12) (L2541375-02)	85	274*	73	64	87	356*	189*
25SB-14 (0-2) (L2541375-03)	102	108	87	78	86	165	120
25SB-14 (7-9) (L2541375-04)	77	65	80	70	92	59	62
25SB-14 (11-12) (L2541375-05)	96	89	102	73	84	78	72
25SB-13 (0-2) (L2541375-06)	91	88	80	72	95	82	67
25SB-13 (11-12) (L2541375-07)	97	87	99	83	87	86	76
25SB-12 (0-2) (L2541375-08)	98	90	92	86	89	86	83
25SB-12 (11-12) (L2541375-09)	99	83	108	80	91	72	67
25SB-9 (0-2) (L2541375-10)	86	85	83	65	86	74	62
25SB-9 (11-12) (L2541375-11)	94	89	88	78	90	84	77
25SB-10 (0-2) (L2541375-12)	84	80	83	60	77	75	70
25SB-10 (11-12) (L2541375-13)	91	80	86	70	80	72	70
WG2088045-1BLANK	96	90	89	82	83	78	84
WG2088045-2LCS	93	105	99	90	97	92	84
WG2088045-3LCS	94	81	95	79	91	73	67

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
(40-215) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(40-275) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(40-135) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541375
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
25SB-11 (0-2) (L2541375-01)	81	95	59	75	96	94	67
25SB-11 (11-12) (L2541375-02)	71	98	156*	66	98	94	72
25SB-14 (0-2) (L2541375-03)	75	117	100	77	89	107	79
25SB-14 (7-9) (L2541375-04)	70	84	51	74	102	94	72
25SB-14 (11-12) (L2541375-05)	74	97	54	73	112	103	77
25SB-13 (0-2) (L2541375-06)	75	99	55	74	106	112	84
25SB-13 (11-12) (L2541375-07)	72	104	62	72	109	106	85
25SB-12 (0-2) (L2541375-08)	68	113	79	77	102	118	85
25SB-12 (11-12) (L2541375-09)	71	103	58	70	110	98	89
25SB-9 (0-2) (L2541375-10)	69	92	51	63	95	103	74
25SB-9 (11-12) (L2541375-11)	82	102	64	85	105	96	85
25SB-10 (0-2) (L2541375-12)	67	89	63	65	90	104	85
25SB-10 (11-12) (L2541375-13)	78	97	57	72	102	98	89
WG2088045-1BLANK	78	110	64	94	102	105	85
WG2088045-2LCS	87	112	65	85	98	104	87
WG2088045-3LCS	76	91	57	77	96	104	82

QC LIMITS

(40-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
(40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(40-150) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(40-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(20-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
(40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
(10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

*** Values outside of QC limits**

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541375
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
25SB-11 (0-2) (L2541375-01)	71	96	94	--	--	--	--	0
25SB-11 (11-12) (L2541375-02)	71	101	110	--	--	--	--	4
25SB-14 (0-2) (L2541375-03)	81	113	104	--	--	--	--	0
25SB-14 (7-9) (L2541375-04)	76	101	99	--	--	--	--	0
25SB-14 (11-12) (L2541375-05)	80	98	95	--	--	--	--	0
25SB-13 (0-2) (L2541375-06)	85	108	112	--	--	--	--	0
25SB-13 (11-12) (L2541375-07)	89	110	114	--	--	--	--	0
25SB-12 (0-2) (L2541375-08)	85	111	109	--	--	--	--	0
25SB-12 (11-12) (L2541375-09)	90	102	106	--	--	--	--	0
25SB-9 (0-2) (L2541375-10)	74	97	106	--	--	--	--	0
25SB-9 (11-12) (L2541375-11)	83	97	98	--	--	--	--	0
25SB-10 (0-2) (L2541375-12)	81	106	108	--	--	--	--	0
25SB-10 (11-12) (L2541375-13)	86	102	111	--	--	--	--	0
WG2088045-1BLANK	85	109	105	--	--	--	--	0
WG2088045-2LCS	88	111	113	--	--	--	--	0
WG2088045-3LCS	84	105	107	--	--	--	--	0

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSA)
(20-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(15-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)

L2541710

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2541710

15 Soil Samples and 1 Trip Blank
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatiles, semi-volatiles, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 15 soil samples and volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile results for 6 compounds were qualified as "estimated, biased high" (J+) for sample 25SB-1 (9-11) because 1 of 4 surrogate recoveries was above control limits in the sample.

- The positive volatile results for 19 compounds were qualified as "estimated, biased high" (J+) for sample 25SB-6 (0-2) because 1 of 4 surrogate recoveries was above control limits in the sample.

- The positive volatile results for 14 compounds were qualified as "estimated, biased high" (J+) for sample 25SB-6 (11-12) because 1 of 4 surrogate recoveries was above control limits in the sample.

- The "not detected" volatile results for 2-hexanone were qualified as "estimated" (UJ) for samples 25SB-1 (12-13) and 25SB-6 (0-2) because 2 of 2 percent recoveries for 2-hexanone were below QC limits, but not below 10% in the associated soil LCS/LCSD.

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- The "not detected" volatile results for 20 compounds were qualified as "estimated" (UJ) for sample 25SB-5 (0-2) because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the soil MS/MSD sample.

- The positive semi-volatile results for acenaphthylene were qualified as "estimated" (J) for samples 25SB-1 (0-2), 25SB-1 (9-11), 25SB-1 (12-13), 25SB-5 (0-2), and 25SB-6 (0-2) because the %D for acenaphthylene was above the allowable maximum in the associated continuing calibration verification sample.

- The "not detected" semi-volatile results for hexachlorocyclopentadiene were qualified as "estimated" (UJ) for the following samples because 1 of 2 percent recoveries for hexachlorocyclopentadiene was below QC limits, but not below 10% in the associated soil LCS/LCSD.

25SB-1 (0-2)	25SB-1 (9-11)	25SB-1 (12-13)	25SB-2 (0-2)
25SB-2 (12-13)	25SB-3 (0-2)	25SB-3 (12-13)	25SB-4 (0-2)
25SB-4 (7-9)	25SB-4 (12-13)	25SB-5 (11-12)	25SB-6 (0-2)
25SB-6 (7-9)	25SB-6 (11-12)		

- The positive semi-volatile result for 3/4-methylphenol was qualified as "estimated, biased low" (J-) for sample 25SB-4 (0-2) because 2 of 3 acid extractable surrogate recoveries were below control limits and one below 10% in the samples.

- The "not detected" semi-volatile results for 14 acid extractable compounds were qualified as "rejected, unusable" (R) for sample 25SB-4 (0-2) because 2 of 3 acid extractable surrogate recoveries were below control limits and one below 10% in the samples.

- The "not detected" semi-volatile results for 15 acid extractable compounds were qualified as "rejected, unusable" (R) for samples 25SB-2 (0-2), 25SB-2 (0-2)RE because 2 of 3 acid extractable surrogate recoveries were below control limits and below 10% in the samples.

- The "not detected" semi-volatile result for 2,3,4,6-tetrachlorophenol was qualified as "estimated" (UJ) for sample 25SB-5 (0-2) because 2 of 2 percent recoveries for 2,3,4,6-tetrachlorophenol were below QC limits, but not below 10% in the soil MS/MSD sample.

- The "not detected" semi-volatile results for hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and pentachlorophenol were qualified as "rejected, unusable" (R) for sample 25SB-5 (0-2) because 2 of 2 percent recoveries for these compounds were below QC limits, but not below 10% in the soil MS/MSD sample

- The semi-volatile results for acenaphthene, fluoranthene, phenanthrene, and pyrene in sample 25SB-6 (11-12) were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds marked "E" in the undiluted sample were qualified as estimated (J).

- The positive pesticide result for cis-chlordane was qualified as "estimated, biased high" (J+) for sample 25SB-1 (9-11) because the %RPD for dual column quantitation of cis-chlordane was above the allowable maximum, but not above 70% and the higher result was reported in the sample.

- The positive pesticide result for 4,4'-DDD was qualified as "estimated, biased high" (J+) for sample 25SB-5 (0-2) because the %RPD for dual column quantitation of 4,4'-DDD was above the allowable maximum, but not above 70% and the higher result was reported in the sample.

- The positive pesticide result for 4,4'-DDE was qualified as "estimated, biased low" (J-) for sample 25SB-4 (0-2) because the %RPD for dual column quantitation of 4,4'-DDE was above the allowable maximum, but was not above 70% and the lower result was reported in the sample.

- The positive pesticide results for trans-chlordane were qualified as "rejected, unusable" (R) for sample 25SB-1 (9-11), 25SB-3 (0-2), and 25SB-4 (7-9) because the %RPDs for dual column quantitation of trans-chlordane were above the allowable maximum and above 100% in the samples.

- The "not detected" pesticide results for target pesticides were qualified as "rejected, unusable" (R) for sample 25SB-6 (7-9) because 2 of 2 surrogate recoveries were outside QC limits on one or both columns and one below 10% on one column in the sample.

- The "not detected" pesticide results for target pesticides were qualified as "rejected, unusable" (R) for sample 25SB-6 (11-12) because 2 of 2 surrogate recoveries were outside QC limits and one below 10% on one column in the sample.

- The positive PFAS result for NEtFOSAA was qualified as "estimated" (J) in sample 25SB-6 (0-2)D because percent recovery for the surrogate used to quantitate NEtFOSAA was above QC limits in the sample.

- The positive metal results for lead were qualified as estimated, biased high (J+) for all 15 soil samples because 1 of 2 percent recoveries for lead was above the control limits in the associated soil MS/MSD sample.

- The positive metal results for manganese were qualified as estimated, biased low (J-) for all 15 soil samples because 1 of 2 percent recoveries for manganese was below the control limits, but not below 10% in the associated soil MS/MSD sample.

- The positive metal result for antimony was qualified as estimated, biased low (J-) for sample 25SB-6 (11-12) because 2 of 2 percent recoveries for antimony were below the control limits, but not below 10% in the associated soil MS/MSD sample.

- The "not detected" metal results for antimony were qualified as estimated (UJ) for all soil samples except sample 25SB-6 (11-12) because 2 of 2 percent recoveries for antimony were below the control limits, but not below 10% in the associated soil MS/MSD sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, J-, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B10	Instrument ID	: VOA110
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.8	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.36	U
127-18-4	Tetrachloroethene	ND	0.68	0.27	U
108-90-7	Chlorobenzene	ND	0.68	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.5	0.95	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.35	U
71-55-6	1,1,1-Trichloroethane	ND	0.68	0.23	U
75-27-4	Bromodichloromethane	ND	0.68	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.68	0.22	U
75-25-2	Bromoform	ND	5.5	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.68	0.23	U
71-43-2	Benzene	ND	0.68	0.23	U
108-88-3	Toluene	ND	1.4	0.74	U
100-41-4	Ethylbenzene	ND	1.4	0.19	U
74-87-3	Chloromethane	ND	5.5	1.3	U
74-83-9	Bromomethane	ND	2.7	0.79	U
75-01-4	Vinyl chloride	ND	1.4	0.46	U
75-00-3	Chloroethane	ND	2.7	0.62	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.32	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B10	Instrument ID	: VOA110
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.19	U
79-01-6	Trichloroethene	ND	0.68	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U
179601-23-1	p/m-Xylene	ND	2.7	0.76	U
95-47-6	o-Xylene	ND	1.4	0.40	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
100-42-5	Styrene	ND	1.4	0.27	U
75-71-8	Dichlorodifluoromethane	ND	14	1.2	U
67-64-1	Acetone	ND	14	6.6	U
75-15-0	Carbon disulfide	ND	14	6.2	U
78-93-3	2-Butanone	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.7	U
591-78-6	2-Hexanone	ND	14	1.6	U
74-97-5	Bromochloromethane	ND	2.7	0.28	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.38	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.44	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.37	U
79-20-9	Methyl Acetate	ND	5.5	1.3	U
110-82-7	Cyclohexane	ND	14	0.74	U
123-91-1	1,4-Dioxane	ND	110	48.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-01	**Date Collected**	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 15:50
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B10	**Instrument ID**	: VOA110
Sample Amount	: 4.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 92
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.5	0.95	U
108-87-2	Methyl cyclohexane	ND	5.5	0.82	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B23	Instrument ID	: VOA110
Sample Amount	: 3.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	7.8	3.6	U	
75-34-3	1,1-Dichloroethane	ND	1.6	0.23	U	
67-66-3	Chloroform	ND	2.3	0.22	U	
56-23-5	Carbon tetrachloride	ND	1.6	0.36	U	
78-87-5	1,2-Dichloropropane	ND	1.6	0.20	U	
124-48-1	Dibromochloromethane	ND	1.6	0.22	U	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.42	U	
127-18-4	Tetrachloroethene	ND	0.78	0.31	U	
108-90-7	Chlorobenzene	ND	0.78	0.20	U	
75-69-4	Trichlorofluoromethane	ND	6.3	1.1	U	
107-06-2	1,2-Dichloroethane	ND	1.6	0.40	U	
71-55-6	1,1,1-Trichloroethane	ND	0.78	0.26	U	
75-27-4	Bromodichloromethane	ND	0.78	0.17	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.43	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.78	0.25	U	
75-25-2	Bromoform	ND	6.3	0.38	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.78	0.26	U	
71-43-2	Benzene	ND	0.78	0.26	U	
108-88-3	Toluene	ND	1.6	0.85	U	
100-41-4	Ethylbenzene	1.2	1.6	0.22	J	J+
74-87-3	Chloromethane	ND	6.3	1.4	U	
74-83-9	Bromomethane	ND	3.1	0.91	U	
75-01-4	Vinyl chloride	ND	1.6	0.52	U	
75-00-3	Chloroethane	ND	3.1	0.71	U	
75-35-4	1,1-Dichloroethene	ND	1.6	0.37	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B23	Instrument ID	: VOA110
Sample Amount	: 3.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.21	U	
79-01-6	Trichloroethene	ND	0.78	0.21	U	
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.22	U	
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.23	U	
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.27	U	
1634-04-4	Methyl tert butyl ether	ND	3.1	0.31	U	
179601-23-1	p/m-Xylene	1.9	3.1	0.88	J	J+
95-47-6	o-Xylene	0.82	1.6	0.46	J	J+
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.27	U	
100-42-5	Styrene	ND	1.6	0.31	U	
75-71-8	Dichlorodifluoromethane	ND	16	1.4	U	
67-64-1	Acetone	68	16	7.5		J+
75-15-0	Carbon disulfide	ND	16	7.1	U	
78-93-3	2-Butanone	13	16	3.5	J	J+
108-10-1	4-Methyl-2-pentanone	ND	16	2.0	U	
591-78-6	2-Hexanone	ND	16	1.8	U	
74-97-5	Bromochloromethane	ND	3.1	0.32	U	
106-93-4	1,2-Dibromoethane	ND	1.6	0.44	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.7	1.6	U	
98-82-8	Isopropylbenzene	1.0	1.6	0.17	J	J+
87-61-6	1,2,3-Trichlorobenzene	ND	3.1	0.50	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.43	U	
79-20-9	Methyl Acetate	ND	6.3	1.5	U	
110-82-7	Cyclohexane	ND	16	0.85	U	
123-91-1	1,4-Dioxane	ND	120	55.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-02	**Date Collected**	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 21:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B23	**Instrument ID**	: VOA110
Sample Amount	: 3.7 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 87
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	6.3	1.1	U
108-87-2	Methyl cyclohexane	ND	6.3	0.94	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 12:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A12	Instrument ID	: VOA123
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.3	3.8	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.24	U
67-66-3	Chloroform	ND	2.5	0.23	U
56-23-5	Carbon tetrachloride	ND	1.6	0.38	U
78-87-5	1,2-Dichloropropane	ND	1.6	0.21	U
124-48-1	Dibromochloromethane	ND	1.6	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.44	U
127-18-4	Tetrachloroethene	ND	0.83	0.32	U
108-90-7	Chlorobenzene	ND	0.83	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.6	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.42	U
71-55-6	1,1,1-Trichloroethane	ND	0.83	0.28	U
75-27-4	Bromodichloromethane	ND	0.83	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.45	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.83	0.26	U
75-25-2	Bromoform	ND	6.6	0.41	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.83	0.27	U
71-43-2	Benzene	ND	0.83	0.27	U
108-88-3	Toluene	ND	1.6	0.90	U
100-41-4	Ethylbenzene	ND	1.6	0.23	U
74-87-3	Chloromethane	ND	6.6	1.5	U
74-83-9	Bromomethane	ND	3.3	0.96	U
75-01-4	Vinyl chloride	ND	1.6	0.55	U
75-00-3	Chloroethane	ND	3.3	0.75	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.39	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 12:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A12	Instrument ID	: VOA123
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U	
79-01-6	Trichloroethene	ND	0.83	0.23	U	
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.24	U	
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.24	U	
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.28	U	
1634-04-4	Methyl tert butyl ether	ND	3.3	0.33	U	
179601-23-1	p/m-Xylene	ND	3.3	0.93	U	
95-47-6	o-Xylene	ND	1.6	0.48	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.29	U	
100-42-5	Styrene	ND	1.6	0.32	U	
75-71-8	Dichlorodifluoromethane	ND	16	1.5	U	
67-64-1	Acetone	ND	16	8.0	U	
75-15-0	Carbon disulfide	ND	16	7.5	U	
78-93-3	2-Butanone	ND	16	3.7	U	
108-10-1	4-Methyl-2-pentanone	ND	16	2.1	U	
591-78-6	2-Hexanone	ND	16	2.0	U	UJ
74-97-5	Bromochloromethane	ND	3.3	0.34	U	
106-93-4	1,2-Dibromoethane	ND	1.6	0.46	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.6	U	
98-82-8	Isopropylbenzene	ND	1.6	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	0.53	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.45	U	
79-20-9	Methyl Acetate	ND	6.6	1.6	U	
110-82-7	Cyclohexane	ND	16	0.90	U	
123-91-1	1,4-Dioxane	ND	130	58.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-03	**Date Collected**	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/15/25 12:40
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23250715A12	**Instrument ID**	: VOA123
Sample Amount	: 3.9 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 78
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	6.6	1.1	U
108-87-2	Methyl cyclohexane	ND	6.6	1.0	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B11	Instrument ID	: VOA110
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	0.25	0.57	0.19	J
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	0.56	1.1	0.16	J
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B11	Instrument ID	: VOA110
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	0.66	2.3	0.64	J
95-47-6	o-Xylene	0.58	1.1	0.33	J
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
100-42-5	Styrene	0.33	1.1	0.22	J
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	43	11	5.5	
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	12	11	2.5	
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U
591-78-6	2-Hexanone	ND	11	1.4	U
74-97-5	Bromochloromethane	ND	2.3	0.23	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	0.16	1.1	0.12	J
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
79-20-9	Methyl Acetate	ND	4.6	1.1	U
110-82-7	Cyclohexane	ND	11	0.62	U
123-91-1	1,4-Dioxane	ND	92	40.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-04	**Date Collected**	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 16:17
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B11	**Instrument ID**	: VOA110
Sample Amount	: 4.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 97
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.6	0.79	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 16:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B12	Instrument ID	: VOA110
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.7	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.3	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.17	U
124-48-1	Dibromochloromethane	ND	1.3	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.36	U
127-18-4	Tetrachloroethene	ND	0.67	0.26	U
108-90-7	Chlorobenzene	ND	0.67	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.4	0.93	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U
71-55-6	1,1,1-Trichloroethane	ND	0.67	0.22	U
75-27-4	Bromodichloromethane	ND	0.67	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.67	0.21	U
75-25-2	Bromoform	ND	5.4	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.67	0.22	U
71-43-2	Benzene	ND	0.67	0.22	U
108-88-3	Toluene	ND	1.3	0.73	U
100-41-4	Ethylbenzene	ND	1.3	0.19	U
74-87-3	Chloromethane	ND	5.4	1.2	U
74-83-9	Bromomethane	ND	2.7	0.78	U
75-01-4	Vinyl chloride	ND	1.3	0.45	U
75-00-3	Chloroethane	ND	2.7	0.61	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.32	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 16:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B12	Instrument ID	: VOA110
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U
79-01-6	Trichloroethene	ND	0.67	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U
179601-23-1	p/m-Xylene	ND	2.7	0.75	U
95-47-6	o-Xylene	ND	1.3	0.39	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.23	U
100-42-5	Styrene	ND	1.3	0.26	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	25	13	6.4	
75-15-0	Carbon disulfide	ND	13	6.1	U
78-93-3	2-Butanone	ND	13	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U
591-78-6	2-Hexanone	ND	13	1.6	U
74-97-5	Bromochloromethane	ND	2.7	0.27	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.43	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.36	U
79-20-9	Methyl Acetate	ND	5.4	1.3	U
110-82-7	Cyclohexane	ND	13	0.73	U
123-91-1	1,4-Dioxane	ND	110	47.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-05	**Date Collected**	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 16:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B12	**Instrument ID**	: VOA110
Sample Amount	: 4.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.4	0.93	U
108-87-2	Methyl cyclohexane	ND	5.4	0.81	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B13	Instrument ID	: VOA110
Sample Amount	: 3.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 69
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	11	5.1	U
75-34-3	1,1-Dichloroethane	ND	2.2	0.32	U
67-66-3	Chloroform	ND	3.3	0.31	U
56-23-5	Carbon tetrachloride	ND	2.2	0.51	U
78-87-5	1,2-Dichloropropane	ND	2.2	0.28	U
124-48-1	Dibromochloromethane	ND	2.2	0.31	U
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.59	U
127-18-4	Tetrachloroethene	ND	1.1	0.44	U
108-90-7	Chlorobenzene	ND	1.1	0.28	U
75-69-4	Trichlorofluoromethane	ND	8.9	1.5	U
107-06-2	1,2-Dichloroethane	ND	2.2	0.57	U
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.37	U
75-27-4	Bromodichloromethane	ND	1.1	0.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.61	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.35	U
75-25-2	Bromoform	ND	8.9	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.37	U
71-43-2	Benzene	ND	1.1	0.37	U
108-88-3	Toluene	ND	2.2	1.2	U
100-41-4	Ethylbenzene	ND	2.2	0.31	U
74-87-3	Chloromethane	ND	8.9	2.1	U
74-83-9	Bromomethane	ND	4.4	1.3	U
75-01-4	Vinyl chloride	ND	2.2	0.74	U
75-00-3	Chloroethane	ND	4.4	1.0	U
75-35-4	1,1-Dichloroethene	ND	2.2	0.53	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B13	Instrument ID	: VOA110
Sample Amount	: 3.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 69
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	3.3	0.30	U
79-01-6	Trichloroethene	ND	1.1	0.30	U
95-50-1	1,2-Dichlorobenzene	ND	4.4	0.32	U
541-73-1	1,3-Dichlorobenzene	ND	4.4	0.33	U
106-46-7	1,4-Dichlorobenzene	ND	4.4	0.38	U
1634-04-4	Methyl tert butyl ether	ND	4.4	0.45	U
179601-23-1	p/m-Xylene	ND	4.4	1.2	U
95-47-6	o-Xylene	ND	2.2	0.65	U
156-59-2	cis-1,2-Dichloroethene	ND	2.2	0.39	U
100-42-5	Styrene	ND	2.2	0.44	U
75-71-8	Dichlorodifluoromethane	ND	22	2.0	U
67-64-1	Acetone	64	22	11.	
75-15-0	Carbon disulfide	ND	22	10.	U
78-93-3	2-Butanone	10	22	4.9	J
108-10-1	4-Methyl-2-pentanone	ND	22	2.8	U
591-78-6	2-Hexanone	ND	22	2.6	U
74-97-5	Bromochloromethane	ND	4.4	0.46	U
106-93-4	1,2-Dibromoethane	ND	2.2	0.62	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.2	U
98-82-8	Isopropylbenzene	ND	2.2	0.24	U
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	0.72	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	0.60	U
79-20-9	Methyl Acetate	ND	8.9	2.1	U
110-82-7	Cyclohexane	ND	22	1.2	U
123-91-1	1,4-Dioxane	ND	180	78.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-06	**Date Collected**	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 17:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B13	**Instrument ID**	: VOA110
Sample Amount	: 3.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 69
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	8.9	1.5	U
108-87-2	Methyl cyclohexane	ND	8.9	1.3	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B14	Instrument ID	: VOA110
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.4	3.9	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	U
67-66-3	Chloroform	ND	2.5	0.24	U
56-23-5	Carbon tetrachloride	ND	1.7	0.39	U
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U
124-48-1	Dibromochloromethane	ND	1.7	0.24	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.45	U
127-18-4	Tetrachloroethene	ND	0.84	0.33	U
108-90-7	Chlorobenzene	ND	0.84	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.8	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.7	0.43	U
71-55-6	1,1,1-Trichloroethane	ND	0.84	0.28	U
75-27-4	Bromodichloromethane	ND	0.84	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.46	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	0.27	U
75-25-2	Bromoform	ND	6.8	0.42	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	0.28	U
71-43-2	Benzene	ND	0.84	0.28	U
108-88-3	Toluene	ND	1.7	0.92	U
100-41-4	Ethylbenzene	ND	1.7	0.24	U
74-87-3	Chloromethane	ND	6.8	1.6	U
74-83-9	Bromomethane	ND	3.4	0.98	U
75-01-4	Vinyl chloride	ND	1.7	0.56	U
75-00-3	Chloroethane	ND	3.4	0.76	U
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B14	Instrument ID	: VOA110
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U
79-01-6	Trichloroethene	ND	0.84	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	3.4	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	3.4	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	3.4	0.29	U
1634-04-4	Methyl tert butyl ether	ND	3.4	0.34	U
179601-23-1	p/m-Xylene	ND	3.4	0.94	U
95-47-6	o-Xylene	ND	1.7	0.49	U
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.30	U
100-42-5	Styrene	ND	1.7	0.33	U
75-71-8	Dichlorodifluoromethane	ND	17	1.5	U
67-64-1	Acetone	130	17	8.1	
75-15-0	Carbon disulfide	ND	17	7.7	U
78-93-3	2-Butanone	30	17	3.7	
108-10-1	4-Methyl-2-pentanone	ND	17	2.2	U
591-78-6	2-Hexanone	ND	17	2.0	U
74-97-5	Bromochloromethane	ND	3.4	0.35	U
106-93-4	1,2-Dibromoethane	ND	1.7	0.47	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	1.7	U
98-82-8	Isopropylbenzene	ND	1.7	0.18	U
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	0.54	U
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	0.46	U
79-20-9	Methyl Acetate	ND	6.8	1.6	U
110-82-7	Cyclohexane	ND	17	0.92	U
123-91-1	1,4-Dioxane	ND	140	59.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-07	**Date Collected**	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 17:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B14	**Instrument ID**	: VOA110
Sample Amount	: 3.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 86
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	6.8	1.2	U
108-87-2	Methyl cyclohexane	ND	6.8	1.0	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B15	Instrument ID	: VOA110
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	7.1	3.2	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.21	U
67-66-3	Chloroform	ND	2.1	0.20	U
56-23-5	Carbon tetrachloride	ND	1.4	0.33	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.18	U
124-48-1	Dibromochloromethane	ND	1.4	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.38	U
127-18-4	Tetrachloroethene	ND	0.71	0.28	U
108-90-7	Chlorobenzene	ND	0.71	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.7	0.99	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.36	U
71-55-6	1,1,1-Trichloroethane	ND	0.71	0.24	U
75-27-4	Bromodichloromethane	ND	0.71	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.39	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.71	0.22	U
75-25-2	Bromoform	ND	5.7	0.35	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.71	0.24	U
71-43-2	Benzene	ND	0.71	0.24	U
108-88-3	Toluene	ND	1.4	0.77	U
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.7	1.3	U
74-83-9	Bromomethane	ND	2.8	0.83	U
75-01-4	Vinyl chloride	ND	1.4	0.48	U
75-00-3	Chloroethane	ND	2.8	0.64	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B15	Instrument ID	: VOA110
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.19	U
79-01-6	Trichloroethene	ND	0.71	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.24	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.28	U
179601-23-1	p/m-Xylene	ND	2.8	0.80	U
95-47-6	o-Xylene	ND	1.4	0.41	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.25	U
100-42-5	Styrene	ND	1.4	0.28	U
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	ND	14	6.8	U
75-15-0	Carbon disulfide	ND	14	6.5	U
78-93-3	2-Butanone	ND	14	3.2	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.7	U
74-97-5	Bromochloromethane	ND	2.8	0.29	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.40	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.3	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.16	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.8	0.46	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.39	U
79-20-9	Methyl Acetate	ND	5.7	1.4	U
110-82-7	Cyclohexane	ND	14	0.77	U
123-91-1	1,4-Dioxane	ND	110	50.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-08	**Date Collected**	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 18:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B15	**Instrument ID**	: VOA110
Sample Amount	: 4.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 83
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.7	0.98	U
108-87-2	Methyl cyclohexane	ND	5.7	0.86	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B16	Instrument ID	: VOA110
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.1	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.61	0.24	U
108-90-7	Chlorobenzene	ND	0.61	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.8	0.84	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.61	0.20	U
75-27-4	Bromodichloromethane	ND	0.61	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	0.19	U
75-25-2	Bromoform	ND	4.8	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	0.20	U
71-43-2	Benzene	ND	0.61	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.70	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.4	0.55	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B16	Instrument ID	: VOA110
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.61	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.8	U
75-15-0	Carbon disulfide	ND	12	5.5	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.25	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.39	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
79-20-9	Methyl Acetate	ND	4.8	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
123-91-1	1,4-Dioxane	ND	97	43.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-09	**Date Collected**	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 18:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B16	**Instrument ID**	: VOA110
Sample Amount	: 4.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 86
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.8	0.84	U
108-87-2	Methyl cyclohexane	ND	4.8	0.73	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B17	Instrument ID	: VOA110
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.2	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.9	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.16	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.62	0.24	U
108-90-7	Chlorobenzene	ND	0.62	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.86	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.62	0.21	U
75-27-4	Bromodichloromethane	ND	0.62	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	0.20	U
75-25-2	Bromoform	ND	5.0	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	0.21	U
71-43-2	Benzene	ND	0.62	0.21	U
108-88-3	Toluene	ND	1.2	0.67	U
100-41-4	Ethylbenzene	ND	1.2	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.72	U
75-01-4	Vinyl chloride	ND	1.2	0.42	U
75-00-3	Chloroethane	ND	2.5	0.56	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 18:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B17	Instrument ID	: VOA110
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.62	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	24	12	6.0	
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	4.2	12	2.8	J
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.5	U
74-97-5	Bromochloromethane	ND	2.5	0.25	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.35	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	12	0.68	U
123-91-1	1,4-Dioxane	ND	99	44.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-10	**Date Collected**	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 18:59
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B17	**Instrument ID**	: VOA110
Sample Amount	: 5.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 78
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.0	0.86	U
108-87-2	Methyl cyclohexane	ND	5.0	0.75	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 19:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B18	Instrument ID	: VOA110
Sample Amount	: 3.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	10	4.8	U	
75-34-3	1,1-Dichloroethane	ND	2.1	0.30	U	
67-66-3	Chloroform	ND	3.1	0.29	U	
56-23-5	Carbon tetrachloride	ND	2.1	0.48	U	
78-87-5	1,2-Dichloropropane	ND	2.1	0.26	U	
124-48-1	Dibromochloromethane	ND	2.1	0.29	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.55	U	UJ
127-18-4	Tetrachloroethene	ND	1.0	0.41	U	
108-90-7	Chlorobenzene	ND	1.0	0.26	U	UJ
75-69-4	Trichlorofluoromethane	ND	8.3	1.4	U	
107-06-2	1,2-Dichloroethane	ND	2.1	0.53	U	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.35	U	
75-27-4	Bromodichloromethane	ND	1.0	0.23	U	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.57	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.33	U	
75-25-2	Bromoform	ND	8.3	0.51	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.34	U	UJ
71-43-2	Benzene	ND	1.0	0.34	U	
108-88-3	Toluene	ND	2.1	1.1	U	UJ
100-41-4	Ethylbenzene	ND	2.1	0.29	U	UJ
74-87-3	Chloromethane	ND	8.3	1.9	U	
74-83-9	Bromomethane	ND	4.1	1.2	U	
75-01-4	Vinyl chloride	ND	2.1	0.70	U	
75-00-3	Chloroethane	ND	4.1	0.94	U	
75-35-4	1,1-Dichloroethene	ND	2.1	0.49	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 19:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B18	Instrument ID	: VOA110
Sample Amount	: 3.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	3.1	0.28	U	
79-01-6	Trichloroethene	ND	1.0	0.28	U	
95-50-1	1,2-Dichlorobenzene	ND	4.1	0.30	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	4.1	0.31	U	UJ
106-46-7	1,4-Dichlorobenzene	ND	4.1	0.35	U	UJ
1634-04-4	Methyl tert butyl ether	ND	4.1	0.42	U	
179601-23-1	p/m-Xylene	ND	4.1	1.2	U	UJ
95-47-6	o-Xylene	ND	2.1	0.60	U	UJ
156-59-2	cis-1,2-Dichloroethene	ND	2.1	0.36	U	
100-42-5	Styrene	ND	2.1	0.41	U	UJ
75-71-8	Dichlorodifluoromethane	ND	21	1.9	U	
67-64-1	Acetone	ND	21	10.	U	
75-15-0	Carbon disulfide	ND	21	9.4	U	
78-93-3	2-Butanone	ND	21	4.6	U	
108-10-1	4-Methyl-2-pentanone	ND	21	2.6	U	
591-78-6	2-Hexanone	ND	21	2.4	U	UJ
74-97-5	Bromochloromethane	ND	4.1	0.42	U	
106-93-4	1,2-Dibromoethane	ND	2.1	0.58	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	2.1	U	UJ
98-82-8	Isopropylbenzene	ND	2.1	0.23	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	4.1	0.67	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	4.1	0.56	U	UJ
79-20-9	Methyl Acetate	ND	8.3	2.0	U	
110-82-7	Cyclohexane	ND	21	1.1	U	
123-91-1	1,4-Dioxane	ND	160	73.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-11	**Date Collected**	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 19:26
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B18	**Instrument ID**	: VOA110
Sample Amount	: 3.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 77
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	8.3	1.4	U
108-87-2	Methyl cyclohexane	ND	8.3	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 19:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B19	Instrument ID	: VOA110
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.8	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.96	0.14	U
67-66-3	Chloroform	ND	1.4	0.14	U
56-23-5	Carbon tetrachloride	ND	0.96	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.96	0.12	U
124-48-1	Dibromochloromethane	ND	0.96	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.96	0.26	U
127-18-4	Tetrachloroethene	ND	0.48	0.19	U
108-90-7	Chlorobenzene	ND	0.48	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.67	U
107-06-2	1,2-Dichloroethane	ND	0.96	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U
75-27-4	Bromodichloromethane	ND	0.48	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U
75-25-2	Bromoform	ND	3.8	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U
71-43-2	Benzene	0.80	0.48	0.16	
108-88-3	Toluene	ND	0.96	0.52	U
100-41-4	Ethylbenzene	ND	0.96	0.14	U
74-87-3	Chloromethane	ND	3.8	0.90	U
74-83-9	Bromomethane	ND	1.9	0.56	U
75-01-4	Vinyl chloride	ND	0.96	0.32	U
75-00-3	Chloroethane	ND	1.9	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.96	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 19:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B19	Instrument ID	: VOA110
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.48	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.96	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.17	U
100-42-5	Styrene	ND	0.96	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.6	0.88	U
67-64-1	Acetone	13	9.6	4.6	
75-15-0	Carbon disulfide	ND	9.6	4.4	U
78-93-3	2-Butanone	2.5	9.6	2.1	J
108-10-1	4-Methyl-2-pentanone	ND	9.6	1.2	U
591-78-6	2-Hexanone	ND	9.6	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.96	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.96	U
98-82-8	Isopropylbenzene	ND	0.96	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
79-20-9	Methyl Acetate	ND	3.8	0.92	U
110-82-7	Cyclohexane	ND	9.6	0.52	U
123-91-1	1,4-Dioxane	ND	77	34.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-12	**Date Collected**	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/14/25 19:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10250714B19	**Instrument ID**	: VOA110
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	3.8	0.67	U
108-87-2	Methyl cyclohexane	ND	3.8	0.58	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 12:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A11	Instrument ID	: VOA123
Sample Amount	: 3.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	8.5	3.9	U	
75-34-3	1,1-Dichloroethane	ND	1.7	0.25	U	
67-66-3	Chloroform	ND	2.6	0.24	U	
56-23-5	Carbon tetrachloride	ND	1.7	0.39	U	
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U	
124-48-1	Dibromochloromethane	ND	1.7	0.24	U	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.45	U	
127-18-4	Tetrachloroethene	0.48	0.85	0.33	J	J+
108-90-7	Chlorobenzene	ND	0.85	0.22	U	
75-69-4	Trichlorofluoromethane	ND	6.8	1.2	U	
107-06-2	1,2-Dichloroethane	ND	1.7	0.44	U	
71-55-6	1,1,1-Trichloroethane	ND	0.85	0.28	U	
75-27-4	Bromodichloromethane	ND	0.85	0.18	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.46	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.85	0.27	U	
75-25-2	Bromoform	ND	6.8	0.42	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.85	0.28	U	
71-43-2	Benzene	1.9	0.85	0.28		J+
108-88-3	Toluene	19	1.7	0.92		J+
100-41-4	Ethylbenzene	11	1.7	0.24		J+
74-87-3	Chloromethane	ND	6.8	1.6	U	
74-83-9	Bromomethane	ND	3.4	0.99	U	
75-01-4	Vinyl chloride	1.2	1.7	0.57	J	J+
75-00-3	Chloroethane	ND	3.4	0.77	U	
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 12:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A11	Instrument ID	: VOA123
Sample Amount	: 3.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	0.46	2.6	0.23	J	J+
79-01-6	Trichloroethene	1.2	0.85	0.23		J+
95-50-1	1,2-Dichlorobenzene	0.49	3.4	0.24	J	J+
541-73-1	1,3-Dichlorobenzene	ND	3.4	0.25	U	
106-46-7	1,4-Dichlorobenzene	ND	3.4	0.29	U	
1634-04-4	Methyl tert butyl ether	0.61	3.4	0.34	J	J+
179601-23-1	p/m-Xylene	1.9	3.4	0.95	J	J+
95-47-6	o-Xylene	1.8	1.7	0.50		J+
156-59-2	cis-1,2-Dichloroethene	1.0	1.7	0.30	J	J+
100-42-5	Styrene	ND	1.7	0.33	U	
75-71-8	Dichlorodifluoromethane	ND	17	1.6	U	
67-64-1	Acetone	140	17	8.2		J+
75-15-0	Carbon disulfide	ND	17	7.7	U	
78-93-3	2-Butanone	49	17	3.8		J+
108-10-1	4-Methyl-2-pentanone	6.8	17	2.2	J	J+
591-78-6	2-Hexanone	ND	17	2.0	U	UJ
74-97-5	Bromochloromethane	ND	3.4	0.35	U	
106-93-4	1,2-Dibromoethane	ND	1.7	0.48	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	1.7	U	
98-82-8	Isopropylbenzene	11	1.7	0.18		J+
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	0.55	U	
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	0.46	U	
79-20-9	Methyl Acetate	9.5	6.8	1.6		J+
110-82-7	Cyclohexane	2.6	17	0.93	J	J+
123-91-1	1,4-Dioxane	ND	140	60.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-13	**Date Collected**	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/15/25 12:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23250715A11	**Instrument ID**	: VOA123
Sample Amount	: 3.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 83
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	6.8	1.2	U
108-87-2	Methyl cyclohexane	19	6.8	1.0	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B20	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U
124-48-1	Dibromochloromethane	ND	0.99	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U
127-18-4	Tetrachloroethene	ND	0.50	0.19	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U
107-06-2	1,2-Dichloroethane	ND	0.99	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.99	0.54	U
100-41-4	Ethylbenzene	ND	0.99	0.14	U
74-87-3	Chloromethane	ND	4.0	0.92	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	0.99	0.33	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	0.99	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B20	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	0.28	2.0	0.14	J
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	0.20	2.0	0.17	J
1634-04-4	Methyl tert butyl ether	0.45	2.0	0.20	J
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	0.99	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.17	U
100-42-5	Styrene	ND	0.99	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.9	0.91	U
67-64-1	Acetone	59	9.9	4.8	
75-15-0	Carbon disulfide	ND	9.9	4.5	U
78-93-3	2-Butanone	12	9.9	2.2	
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U
591-78-6	2-Hexanone	ND	9.9	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.99	U
98-82-8	Isopropylbenzene	2.0	0.99	0.11	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.94	U
110-82-7	Cyclohexane	ND	9.9	0.54	U
123-91-1	1,4-Dioxane	ND	79	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B20	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 22:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B25	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	280	130	U
75-34-3	1,1-Dichloroethane	ND	55	8.0	U
67-66-3	Chloroform	ND	83	7.7	U
56-23-5	Carbon tetrachloride	ND	55	13.	U
78-87-5	1,2-Dichloropropane	ND	55	6.9	U
124-48-1	Dibromochloromethane	ND	55	7.7	U
79-00-5	1,1,2-Trichloroethane	ND	55	15.	U
127-18-4	Tetrachloroethene	ND	28	11.	U
108-90-7	Chlorobenzene	ND	28	7.0	U
75-69-4	Trichlorofluoromethane	ND	220	38.	U
107-06-2	1,2-Dichloroethane	ND	55	14.	U
71-55-6	1,1,1-Trichloroethane	ND	28	9.2	U
75-27-4	Bromodichloromethane	ND	28	6.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	55	15.	U
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.7	U
75-25-2	Bromoform	ND	220	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.2	U
71-43-2	Benzene	28	28	9.2	J+
108-88-3	Toluene	ND	55	30.	U
100-41-4	Ethylbenzene	61	55	7.8	J+
74-87-3	Chloromethane	ND	220	51.	U
74-83-9	Bromomethane	ND	110	32.	U
75-01-4	Vinyl chloride	ND	55	18.	U
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	55	13.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 22:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B25	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	10	83	7.6	J	J+
79-01-6	Trichloroethene	ND	28	7.6	U	
95-50-1	1,2-Dichlorobenzene	23	110	8.0	J	J+
541-73-1	1,3-Dichlorobenzene	ND	110	8.2	U	
106-46-7	1,4-Dichlorobenzene	100	110	9.4	J	J+
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	200	110	31.		J+
95-47-6	o-Xylene	26	55	16.	J	J+
156-59-2	cis-1,2-Dichloroethene	84	55	9.7		J+
100-42-5	Styrene	ND	55	11.	U	
75-71-8	Dichlorodifluoromethane	ND	550	50.	U	
67-64-1	Acetone	270	550	260	J	J+
75-15-0	Carbon disulfide	ND	550	250	U	
78-93-3	2-Butanone	280	550	120	J	J+
108-10-1	4-Methyl-2-pentanone	ND	550	71.	U	
591-78-6	2-Hexanone	ND	550	65.	U	
74-97-5	Bromochloromethane	ND	110	11.	U	
106-93-4	1,2-Dibromoethane	ND	55	15.	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	55.	U	
98-82-8	Isopropylbenzene	670	55	6.0		J+
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
79-20-9	Methyl Acetate	130	220	52.	J	J+
110-82-7	Cyclohexane	50	550	30.	J	J+
123-91-1	1,4-Dioxane	ND	4400	1900	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 22:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B25	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	220	38.	U
108-87-2	Methyl cyclohexane	460	220	33.	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B21	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B21	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 20:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250714B21	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 10:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A08	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 10:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A08	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-16	Date Collected	: 07/02/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/15/25 10:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23250715A08	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:09
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-01	Analyst	: JG
Sample Amount	: 30.92 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	350	140	18.		
118-74-1	Hexachlorobenzene	ND	100	20.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U	
91-58-7	2-Chloronaphthalene	ND	180	17.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U	
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U	
206-44-0	Fluoranthene	3400	100	20.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	26.	U	
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U	UJ
67-72-1	Hexachloroethane	ND	140	28.	U	
78-59-1	Isophorone	ND	160	23.	U	
91-20-3	Naphthalene	320	180	21.		
98-95-3	Nitrobenzene	ND	160	26.	U	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U	
85-68-7	Butyl benzyl phthalate	ND	180	44.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:09
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-01	Analyst	: JG
Sample Amount	: 30.92 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	180	33.	U
117-84-0	Di-n-octylphthalate	ND	180	60.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	37.	U
56-55-3	Benzo(a)anthracene	1600	100	20.	
50-32-8	Benzo(a)pyrene	1500	140	43.	
205-99-2	Benzo(b)fluoranthene	1600	100	30.	
207-08-9	Benzo(k)fluoranthene	560	100	28.	
218-01-9	Chrysene	1600	100	18.	
208-96-8	Acenaphthylene	330	140	27.	J
120-12-7	Anthracene	900	100	34.	
191-24-2	Benzo(ghi)perylene	900	140	21.	
86-73-7	Fluorene	440	180	17.	
85-01-8	Phenanthrene	3600	100	21.	
53-70-3	Dibenzo(a,h)anthracene	210	100	20.	
193-39-5	Indeno(1,2,3-cd)pyrene	870	140	24.	
129-00-0	Pyrene	2800	100	18.	
92-52-4	Biphenyl	62	400	23.	J
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:09
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-01	Analyst	: JG
Sample Amount	: 30.92 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	330	180	17.	
91-57-6	2-Methylnaphthalene	170	210	21.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	250	72.	U
51-28-5	2,4-Dinitrophenol	ND	850	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	85.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	29	250	28.	J
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	360	180	17.	
1912-24-9	Atrazine	ND	140	62.	U
100-52-7	Benzaldehyde	88	230	48.	J
105-60-2	Caprolactam	ND	180	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:09
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-01	Analyst	: JG
Sample Amount	: 30.92 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	36.	U
123-91-1	1,4-Dioxane	ND	26	8.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-02	Analyst	: JG
Sample Amount	: 30.85 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	650	150	19.		
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	190	18.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	1100	110	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U	UJ
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	5700	190	23.		
98-95-3	Nitrobenzene	ND	170	28.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	70	190	65.	J	
85-68-7	Butyl benzyl phthalate	ND	190	47.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-02	Analyst	: JG
Sample Amount	: 30.85 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	190	36.	U	
117-84-0	Di-n-octylphthalate	ND	190	64.	U	
84-66-2	Diethyl phthalate	ND	190	17.	U	
131-11-3	Dimethyl phthalate	ND	190	39.	U	
56-55-3	Benzo(a)anthracene	360	110	21.		
50-32-8	Benzo(a)pyrene	310	150	46.		
205-99-2	Benzo(b)fluoranthene	340	110	32.		
207-08-9	Benzo(k)fluoranthene	120	110	30.		
218-01-9	Chrysene	360	110	19.		
208-96-8	Acenaphthylene	89	150	29.	J	J
120-12-7	Anthracene	440	110	36.		
191-24-2	Benzo(ghi)perylene	190	150	22.		
86-73-7	Fluorene	650	190	18.		
85-01-8	Phenanthrene	1600	110	23.		
53-70-3	Dibenzo(a,h)anthracene	42	110	22.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	170	150	26.		
129-00-0	Pyrene	940	110	19.		
92-52-4	Biphenyl	90	430	24.	J	
106-47-8	4-Chloroaniline	ND	190	34.	U	
88-74-4	2-Nitroaniline	ND	190	36.	U	
99-09-2	3-Nitroaniline	ND	190	35.	U	
100-01-6	4-Nitroaniline	ND	190	78.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-02	Analyst	: JG
Sample Amount	: 30.85 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	450	190	18.	
91-57-6	2-Methylnaphthalene	1600	220	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	85	270	29.	J
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	210	190	18.	
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-02	Analyst	: JG
Sample Amount	: 30.85 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:56
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-03	Analyst	: JG
Sample Amount	: 30.64 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	250	170	22.		
118-74-1	Hexachlorobenzene	ND	120	23.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U	
91-58-7	2-Chloronaphthalene	ND	210	21.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U	
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U	
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U	
206-44-0	Fluoranthene	1000	120	24.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U	
87-68-3	Hexachlorobutadiene	ND	210	31.	U	
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U	UJ
67-72-1	Hexachloroethane	ND	170	34.	U	
78-59-1	Isophorone	ND	190	27.	U	
91-20-3	Naphthalene	1100	210	25.		
98-95-3	Nitrobenzene	ND	190	31.	U	
86-30-6	NDPA/DPA	ND	170	24.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U	
85-68-7	Butyl benzyl phthalate	ND	210	53.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:56
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-03	Analyst	: JG
Sample Amount	: 30.64 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	210	40.	U	
117-84-0	Di-n-octylphthalate	ND	210	71.	U	
84-66-2	Diethyl phthalate	ND	210	19.	U	
131-11-3	Dimethyl phthalate	ND	210	44.	U	
56-55-3	Benzo(a)anthracene	520	120	24.		
50-32-8	Benzo(a)pyrene	440	170	51.		
205-99-2	Benzo(b)fluoranthene	560	120	35.		
207-08-9	Benzo(k)fluoranthene	180	120	33.		
218-01-9	Chrysene	510	120	22.		
208-96-8	Acenaphthylene	80	170	32.	J	J
120-12-7	Anthracene	220	120	41.		
191-24-2	Benzo(ghi)perylene	290	170	25.		
86-73-7	Fluorene	200	210	20.	J	
85-01-8	Phenanthrene	840	120	25.		
53-70-3	Dibenzo(a,h)anthracene	68	120	24.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	290	170	29.		
129-00-0	Pyrene	910	120	21.		
92-52-4	Biphenyl	29	480	27.	J	
106-47-8	4-Chloroaniline	ND	210	38.	U	
88-74-4	2-Nitroaniline	ND	210	40.	U	
99-09-2	3-Nitroaniline	ND	210	39.	U	
100-01-6	4-Nitroaniline	ND	210	87.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:56
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-03	Analyst	: JG
Sample Amount	: 30.64 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	100	210	20.	J
91-57-6	2-Methylnaphthalene	360	250	25.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	79.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	33	210	32.	J
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	660	300	33.	
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	46	210	20.	J
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	180	280	56.	J
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 17:56
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-03	Analyst	: JG
Sample Amount	: 30.64 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 23:16
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 1710-04	Analyst	: JG
Sample Amount	: 30.84 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	7500	1300	170		
118-74-1	Hexachlorobenzene	ND	1000	190	U	
111-44-4	Bis(2-chloroethyl)ether	ND	1500	230	U	
91-58-7	2-Chloronaphthalene	ND	1700	170	U	
91-94-1	3,3'-Dichlorobenzidine	ND	1700	450	U	
121-14-2	2,4-Dinitrotoluene	ND	1700	340	U	
606-20-2	2,6-Dinitrotoluene	ND	1700	290	U	
206-44-0	Fluoranthene	52000	1000	190		
7005-72-3	4-Chlorophenyl phenyl ether	ND	1700	180	U	
101-55-3	4-Bromophenyl phenyl ether	ND	1700	260	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2000	290	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	1800	170	U	
87-68-3	Hexachlorobutadiene	ND	1700	240	U	
77-47-4	Hexachlorocyclopentadiene	ND	4800	1500	U	UJ
67-72-1	Hexachloroethane	ND	1300	270	U	
78-59-1	Isophorone	ND	1500	220	U	
91-20-3	Naphthalene	5600	1700	200		
98-95-3	Nitrobenzene	ND	1500	250	U	
86-30-6	NDPA/DPA	ND	1300	190	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	1700	260	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1700	580	U	
85-68-7	Butyl benzyl phthalate	ND	1700	420	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 23:16
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 1710-04	Analyst	: JG
Sample Amount	: 30.84 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1700	320	U
117-84-0	Di-n-octylphthalate	ND	1700	570	U
84-66-2	Diethyl phthalate	ND	1700	160	U
131-11-3	Dimethyl phthalate	ND	1700	350	U
56-55-3	Benzo(a)anthracene	25000	1000	190	
50-32-8	Benzo(a)pyrene	25000	1300	410	
205-99-2	Benzo(b)fluoranthene	31000	1000	280	
207-08-9	Benzo(k)fluoranthene	9500	1000	270	
218-01-9	Chrysene	22000	1000	170	
208-96-8	Acenaphthylene	10000	1300	260	
120-12-7	Anthracene	16000	1000	330	
191-24-2	Benzo(ghi)perylene	25000	1300	200	
86-73-7	Fluorene	11000	1700	160	
85-01-8	Phenanthrene	60000	1000	200	
53-70-3	Dibenzo(a,h)anthracene	3700	1000	190	
193-39-5	Indeno(1,2,3-cd)pyrene	20000	1300	230	
129-00-0	Pyrene	50000	1000	170	
92-52-4	Biphenyl	1200	3800	220	J
106-47-8	4-Chloroaniline	ND	1700	300	U
88-74-4	2-Nitroaniline	ND	1700	320	U
99-09-2	3-Nitroaniline	ND	1700	320	U
100-01-6	4-Nitroaniline	ND	1700	690	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 23:16
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 1710-04	Analyst	: JG
Sample Amount	: 30.84 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	7000	1700	160		
91-57-6	2-Methylnaphthalene	4300	2000	200		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1700	180	U	
98-86-2	Acetophenone	240	1700	210	J	
88-06-2	2,4,6-Trichlorophenol	ND	1000	320	U	R
59-50-7	p-Chloro-m-cresol	ND	1700	250	U	R
95-57-8	2-Chlorophenol	ND	1700	200	U	R
120-83-2	2,4-Dichlorophenol	ND	1500	270	U	R
105-67-9	2,4-Dimethylphenol	ND	1700	550	U	R
88-75-5	2-Nitrophenol	ND	3600	630	U	R
100-02-7	4-Nitrophenol	ND	2300	680	U	R
51-28-5	2,4-Dinitrophenol	ND	8000	780	U	R
534-52-1	4,6-Dinitro-o-cresol	ND	4400	800	U	R
87-86-5	Pentachlorophenol	ND	1300	370	U	R
108-95-2	Phenol	ND	1700	250	U	R
95-48-7	2-Methylphenol	ND	1700	260	U	R
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	2400	260	U	R
95-95-4	2,4,5-Trichlorophenol	ND	1700	320	U	R
86-74-8	Carbazole	7000	1700	160		
1912-24-9	Atrazine	ND	1300	590	U	
100-52-7	Benzaldehyde	ND	2200	450	U	
105-60-2	Caprolactam	ND	1700	510	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 23:16
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 1710-04	Analyst	: JG
Sample Amount	: 30.84 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1700	340	U	R
123-91-1	1,4-Dioxane	ND	250	77.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D\RE	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 17:25
Sample Matrix	: SOIL	Date Extracted	: 07/12/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 41710-04	Analyst	: IMK
Sample Amount	: 30.52 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	2800	1400	180	
118-74-1	Hexachlorobenzene	ND	1000	190	U
111-44-4	Bis(2-chloroethyl)ether	ND	1500	230	U
91-58-7	2-Chloronaphthalene	ND	1700	170	U
91-94-1	3,3'-Dichlorobenzidine	ND	1700	450	U
121-14-2	2,4-Dinitrotoluene	ND	1700	340	U
606-20-2	2,6-Dinitrotoluene	ND	1700	290	U
206-44-0	Fluoranthene	20000	1000	190	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1700	180	U
101-55-3	4-Bromophenyl phenyl ether	ND	1700	260	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2000	290	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1800	170	U
87-68-3	Hexachlorobutadiene	ND	1700	250	U
77-47-4	Hexachlorocyclopentadiene	ND	4800	1500	U
67-72-1	Hexachloroethane	ND	1400	270	U
78-59-1	Isophorone	ND	1500	220	U
91-20-3	Naphthalene	2500	1700	210	
98-95-3	Nitrobenzene	ND	1500	250	U
86-30-6	NDPA/DPA	ND	1400	190	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1700	260	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1700	590	U
85-68-7	Butyl benzyl phthalate	ND	1700	430	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D\RE	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 17:25
Sample Matrix	: SOIL	Date Extracted	: 07/12/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 41710-04	Analyst	: IMK
Sample Amount	: 30.52 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1700	320	U
117-84-0	Di-n-octylphthalate	ND	1700	580	U
84-66-2	Diethyl phthalate	ND	1700	160	U
131-11-3	Dimethyl phthalate	ND	1700	360	U
56-55-3	Benzo(a)anthracene	9800	1000	190	
50-32-8	Benzo(a)pyrene	12000	1400	410	
205-99-2	Benzo(b)fluoranthene	14000	1000	280	
207-08-9	Benzo(k)fluoranthene	4100	1000	270	
218-01-9	Chrysene	9500	1000	180	
208-96-8	Acenaphthylene	5800	1400	260	
120-12-7	Anthracene	6700	1000	330	
191-24-2	Benzo(ghi)perylene	14000	1400	200	
86-73-7	Fluorene	3700	1700	160	
85-01-8	Phenanthrene	23000	1000	210	
53-70-3	Dibenzo(a,h)anthracene	1400	1000	200	
193-39-5	Indeno(1,2,3-cd)pyrene	9200	1400	240	
129-00-0	Pyrene	21000	1000	170	
92-52-4	Biphenyl	450	3900	220	J
106-47-8	4-Chloroaniline	ND	1700	310	U
88-74-4	2-Nitroaniline	ND	1700	330	U
99-09-2	3-Nitroaniline	ND	1700	320	U
100-01-6	4-Nitroaniline	ND	1700	700	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D\RE	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 17:25
Sample Matrix	: SOIL	Date Extracted	: 07/12/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 41710-04	Analyst	: IMK
Sample Amount	: 30.52 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	2500	1700	160		
91-57-6	2-Methylnaphthalene	1500	2000	200	J	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1700	180	U	
98-86-2	Acetophenone	240	1700	210	J	
88-06-2	2,4,6-Trichlorophenol	ND	1000	320	U	R
59-50-7	p-Chloro-m-cresol	ND	1700	250	U	R
95-57-8	2-Chlorophenol	ND	1700	200	U	R
120-83-2	2,4-Dichlorophenol	ND	1500	270	U	R
105-67-9	2,4-Dimethylphenol	ND	1700	560	U	R
88-75-5	2-Nitrophenol	ND	3700	640	U	R
100-02-7	4-Nitrophenol	ND	2400	690	U	R
51-28-5	2,4-Dinitrophenol	ND	8100	790	U	R
534-52-1	4,6-Dinitro-o-cresol	ND	4400	810	U	R
87-86-5	Pentachlorophenol	ND	1400	370	U	R
108-95-2	Phenol	ND	1700	260	U	R
95-48-7	2-Methylphenol	ND	1700	260	U	R
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	2400	260	U	R
95-95-4	2,4,5-Trichlorophenol	ND	1700	320	U	R
86-74-8	Carbazole	2100	1700	160		
1912-24-9	Atrazine	ND	1400	590	U	
100-52-7	Benzaldehyde	ND	2200	460	U	
105-60-2	Caprolactam	ND	1700	520	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04D\RE	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 17:25
Sample Matrix	: SOIL	Date Extracted	: 07/12/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 41710-04	Analyst	: IMK
Sample Amount	: 30.52 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1700	340	U	R
123-91-1	1,4-Dioxane	ND	250	78.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:36
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-05	Analyst	: SMZ
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	28	160	20.	J	
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U	
91-58-7	2-Chloronaphthalene	ND	200	20.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U	
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	250	120	23.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U	UJ
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	26.	U	
91-20-3	Naphthalene	53	200	24.	J	
98-95-3	Nitrobenzene	ND	180	29.	U	
86-30-6	NDPA/DPA	ND	160	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U	
85-68-7	Butyl benzyl phthalate	ND	200	50.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:36
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-05	Analyst	: SMZ
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	150	120	22.	
50-32-8	Benzo(a)pyrene	140	160	48.	J
205-99-2	Benzo(b)fluoranthene	180	120	33.	
207-08-9	Benzo(k)fluoranthene	67	120	32.	J
218-01-9	Chrysene	140	120	21.	
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	44	120	39.	J
191-24-2	Benzo(ghi)perylene	260	160	23.	
86-73-7	Fluorene	22	200	19.	J
85-01-8	Phenanthrene	170	120	24.	
53-70-3	Dibenzo(a,h)anthracene	27	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	190	160	28.	
129-00-0	Pyrene	210	120	20.	
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:36
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-05	Analyst	: SMZ
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	430	74.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	95.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	100	280	31.	J
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	19	200	19.	J
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	86	260	54.	J
105-60-2	Caprolactam	ND	200	60.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:36
Sample Matrix	: SOIL	Date Extracted	: 07/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-05	Analyst	: SMZ
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:57
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-06	Analyst	: SMZ
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	120	190	25.	J	
118-74-1	Hexachlorobenzene	ND	140	27.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	220	32.	U	
91-58-7	2-Chloronaphthalene	ND	240	24.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	240	64.	U	
121-14-2	2,4-Dinitrotoluene	ND	240	48.	U	
606-20-2	2,6-Dinitrotoluene	ND	240	41.	U	
206-44-0	Fluoranthene	1800	140	27.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	26.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	240	36.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	290	41.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	260	24.	U	
87-68-3	Hexachlorobutadiene	ND	240	35.	U	
77-47-4	Hexachlorocyclopentadiene	ND	680	220	U	UJ
67-72-1	Hexachloroethane	ND	190	39.	U	
78-59-1	Isophorone	ND	220	31.	U	
91-20-3	Naphthalene	450	240	29.		
98-95-3	Nitrobenzene	ND	220	35.	U	
86-30-6	NDPA/DPA	ND	190	27.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	240	37.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	240	83.	U	
85-68-7	Butyl benzyl phthalate	ND	240	60.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:57
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-06	Analyst	: SMZ
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	240	45.	U
117-84-0	Di-n-octylphthalate	ND	240	81.	U
84-66-2	Diethyl phthalate	ND	240	22.	U
131-11-3	Dimethyl phthalate	ND	240	50.	U
56-55-3	Benzo(a)anthracene	920	140	27.	
50-32-8	Benzo(a)pyrene	870	190	58.	
205-99-2	Benzo(b)fluoranthene	1100	140	40.	
207-08-9	Benzo(k)fluoranthene	390	140	38.	
218-01-9	Chrysene	940	140	25.	
208-96-8	Acenaphthylene	150	190	37.	J
120-12-7	Anthracene	300	140	47.	
191-24-2	Benzo(ghi)perylene	400	190	28.	
86-73-7	Fluorene	140	240	23.	J
85-01-8	Phenanthrene	1300	140	29.	
53-70-3	Dibenzo(a,h)anthracene	80	140	28.	J
193-39-5	Indeno(1,2,3-cd)pyrene	400	190	33.	
129-00-0	Pyrene	1600	140	24.	
92-52-4	Biphenyl	55	540	31.	J
106-47-8	4-Chloroaniline	ND	240	44.	U
88-74-4	2-Nitroaniline	ND	240	46.	U
99-09-2	3-Nitroaniline	ND	240	45.	U
100-01-6	4-Nitroaniline	ND	240	99.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:57
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-06	Analyst	: SMZ
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	120	240	23.	J
91-57-6	2-Methylnaphthalene	110	290	29.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	240	25.	U
98-86-2	Acetophenone	ND	240	30.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	45.	U
59-50-7	p-Chloro-m-cresol	ND	240	36.	U
95-57-8	2-Chlorophenol	ND	240	28.	U
120-83-2	2,4-Dichlorophenol	ND	220	38.	U
105-67-9	2,4-Dimethylphenol	ND	240	79.	U
88-75-5	2-Nitrophenol	ND	520	90.	U
100-02-7	4-Nitrophenol	ND	330	98.	U
51-28-5	2,4-Dinitrophenol	ND	1100	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	620	110	U
87-86-5	Pentachlorophenol	ND	190	53.	U
108-95-2	Phenol	ND	240	36.	U
95-48-7	2-Methylphenol	ND	240	37.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	52	340	37.	J
95-95-4	2,4,5-Trichlorophenol	ND	240	46.	U
86-74-8	Carbazole	120	240	23.	J
1912-24-9	Atrazine	ND	190	84.	U
100-52-7	Benzaldehyde	130	320	64.	J
105-60-2	Caprolactam	ND	240	73.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 20:57
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-06	Analyst	: SMZ
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	240	48.	U
123-91-1	1,4-Dioxane	ND	36	11.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:18
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-07	Analyst	: SMZ
Sample Amount	: 30.64 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	800	150	20.		
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	4600	110	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	28.	U	
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U	UJ
67-72-1	Hexachloroethane	ND	150	31.	U	
78-59-1	Isophorone	ND	170	25.	U	
91-20-3	Naphthalene	1900	190	23.		
98-95-3	Nitrobenzene	ND	170	28.	U	
86-30-6	NDPA/DPA	ND	150	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	90	190	66.	J	
85-68-7	Butyl benzyl phthalate	ND	190	48.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:18
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-07	Analyst	: SMZ
Sample Amount	: 30.64 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	2200	110	21.	
50-32-8	Benzo(a)pyrene	1900	150	46.	
205-99-2	Benzo(b)fluoranthene	2400	110	32.	
207-08-9	Benzo(k)fluoranthene	880	110	30.	
218-01-9	Chrysene	2200	110	20.	
208-96-8	Acenaphthylene	140	150	29.	J
120-12-7	Anthracene	1200	110	37.	
191-24-2	Benzo(ghi)perylene	820	150	22.	
86-73-7	Fluorene	670	190	18.	
85-01-8	Phenanthrene	4700	110	23.	
53-70-3	Dibenzo(a,h)anthracene	180	110	22.	
193-39-5	Indeno(1,2,3-cd)pyrene	900	150	26.	
129-00-0	Pyrene	3900	110	19.	
92-52-4	Biphenyl	88	430	25.	J
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:18
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-07	Analyst	: SMZ
Sample Amount	: 30.64 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	420	190	18.	
91-57-6	2-Methylnaphthalene	270	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	44	190	23.	J
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	910	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	91.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	47	190	29.	J
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	130	270	30.	J
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	470	190	18.	
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	460	250	51.	
105-60-2	Caprolactam	ND	190	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:18
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-07	Analyst	: SMZ
Sample Amount	: 30.64 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.7	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-08	Analyst	: SMZ
Sample Amount	: 30.38 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	300	160	20.		
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U	
91-58-7	2-Chloronaphthalene	ND	200	20.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U	
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	2700	120	23.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U	UJ
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	26.	U	
91-20-3	Naphthalene	580	200	24.		
98-95-3	Nitrobenzene	ND	180	29.	U	
86-30-6	NDPA/DPA	ND	160	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1000	200	68.		
85-68-7	Butyl benzyl phthalate	ND	200	50.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-08	Analyst	: SMZ
Sample Amount	: 30.38 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	1500	120	22.	
50-32-8	Benzo(a)pyrene	1900	160	48.	
205-99-2	Benzo(b)fluoranthene	2000	120	33.	
207-08-9	Benzo(k)fluoranthene	690	120	32.	
218-01-9	Chrysene	1500	120	20.	
208-96-8	Acenaphthylene	290	160	30.	
120-12-7	Anthracene	590	120	38.	
191-24-2	Benzo(ghi)perylene	1100	160	23.	
86-73-7	Fluorene	270	200	19.	
85-01-8	Phenanthrene	2900	120	24.	
53-70-3	Dibenzo(a,h)anthracene	180	120	23.	
193-39-5	Indeno(1,2,3-cd)pyrene	960	160	28.	
129-00-0	Pyrene	2800	120	20.	
92-52-4	Biphenyl	120	450	26.	J
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-08	Analyst	: SMZ
Sample Amount	: 30.38 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	260	200	19.		
91-57-6	2-Methylnaphthalene	340	240	24.		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U	
98-86-2	Acetophenone	ND	200	24.	U	
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U	R
59-50-7	p-Chloro-m-cresol	ND	200	29.	U	R
95-57-8	2-Chlorophenol	ND	200	23.	U	R
120-83-2	2,4-Dichlorophenol	ND	180	32.	U	R
105-67-9	2,4-Dimethylphenol	ND	200	65.	U	R
88-75-5	2-Nitrophenol	ND	430	74.	U	R
100-02-7	4-Nitrophenol	ND	280	81.	U	R
51-28-5	2,4-Dinitrophenol	ND	950	92.	U	R
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U	R
87-86-5	Pentachlorophenol	ND	160	43.	U	R
108-95-2	Phenol	ND	200	30.	U	R
95-48-7	2-Methylphenol	ND	200	31.	U	R
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	32	280	31.	J	J-
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U	R
86-74-8	Carbazole	290	200	19.		
1912-24-9	Atrazine	ND	160	69.	U	
100-52-7	Benzaldehyde	ND	260	53.	U	
105-60-2	Caprolactam	ND	200	60.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 21:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-08	Analyst	: SMZ
Sample Amount	: 30.38 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U	R
123-91-1	1,4-Dioxane	ND	30	9.1	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08RE\D	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 18:58
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 710-08D1	Analyst	: IMK
Sample Amount	: 30.88 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	2100	1600	200	
118-74-1	Hexachlorobenzene	ND	1200	220	U
111-44-4	Bis(2-chloroethyl)ether	ND	1700	260	U
91-58-7	2-Chloronaphthalene	ND	1900	190	U
91-94-1	3,3'-Dichlorobenzidine	ND	1900	520	U
121-14-2	2,4-Dinitrotoluene	ND	1900	390	U
606-20-2	2,6-Dinitrotoluene	ND	1900	330	U
206-44-0	Fluoranthene	28000	1200	220	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1900	210	U
101-55-3	4-Bromophenyl phenyl ether	ND	1900	300	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2300	330	U
111-91-1	Bis(2-chloroethoxy)methane	ND	2100	190	U
87-68-3	Hexachlorobutadiene	ND	1900	280	U
77-47-4	Hexachlorocyclopentadiene	ND	5600	1800	U
67-72-1	Hexachloroethane	ND	1600	310	U
78-59-1	Isophorone	ND	1700	250	U
91-20-3	Naphthalene	2200	1900	240	
98-95-3	Nitrobenzene	ND	1700	290	U
86-30-6	NDPA/DPA	ND	1600	220	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1900	300	U
117-81-7	Bis(2-ethylhexyl)phthalate	3300	1900	670	
85-68-7	Butyl benzyl phthalate	ND	1900	490	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08RE\D	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 18:58
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 710-08D1	Analyst	: IMK
Sample Amount	: 30.88 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1900	370	U
117-84-0	Di-n-octylphthalate	ND	1900	660	U
84-66-2	Diethyl phthalate	ND	1900	180	U
131-11-3	Dimethyl phthalate	ND	1900	410	U
56-55-3	Benzo(a)anthracene	17000	1200	220	
50-32-8	Benzo(a)pyrene	16000	1600	470	
205-99-2	Benzo(b)fluoranthene	18000	1200	330	
207-08-9	Benzo(k)fluoranthene	5600	1200	310	
218-01-9	Chrysene	16000	1200	200	
208-96-8	Acenaphthylene	4000	1600	300	
120-12-7	Anthracene	6500	1200	380	
191-24-2	Benzo(ghi)perylene	8700	1600	230	
86-73-7	Fluorene	2100	1900	190	
85-01-8	Phenanthrene	26000	1200	240	
53-70-3	Dibenzo(a,h)anthracene	2000	1200	220	
193-39-5	Indeno(1,2,3-cd)pyrene	7900	1600	270	
129-00-0	Pyrene	31000	1200	190	
92-52-4	Biphenyl	290	4400	250	J
106-47-8	4-Chloroaniline	ND	1900	350	U
88-74-4	2-Nitroaniline	ND	1900	370	U
99-09-2	3-Nitroaniline	ND	1900	370	U
100-01-6	4-Nitroaniline	ND	1900	800	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08RE\D	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 18:58
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 710-08D1	Analyst	: IMK
Sample Amount	: 30.88 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	1400	1900	180	J	
91-57-6	2-Methylnaphthalene	1100	2300	230	J	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1900	200	U	
98-86-2	Acetophenone	ND	1900	240	U	
88-06-2	2,4,6-Trichlorophenol	ND	1200	370	U	R
59-50-7	p-Chloro-m-cresol	ND	1900	290	U	R
95-57-8	2-Chlorophenol	ND	1900	230	U	R
120-83-2	2,4-Dichlorophenol	ND	1700	310	U	R
105-67-9	2,4-Dimethylphenol	ND	1900	640	U	R
88-75-5	2-Nitrophenol	ND	4200	730	U	R
100-02-7	4-Nitrophenol	ND	2700	790	U	R
51-28-5	2,4-Dinitrophenol	ND	9300	900	U	R
534-52-1	4,6-Dinitro-o-cresol	ND	5000	930	U	R
87-86-5	Pentachlorophenol	ND	1600	430	U	R
108-95-2	Phenol	ND	1900	290	U	R
95-48-7	2-Methylphenol	ND	1900	300	U	R
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	2800	300	U	R
95-95-4	2,4,5-Trichlorophenol	ND	1900	370	U	R
86-74-8	Carbazole	1300	1900	190	J	
1912-24-9	Atrazine	ND	1600	680	U	
100-52-7	Benzaldehyde	550	2600	520	J	
105-60-2	Caprolactam	ND	1900	590	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08RE\D	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 18:58
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 10
Lab File ID	: 710-08D1	Analyst	: IMK
Sample Amount	: 30.88 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1900	390	U	R
123-91-1	1,4-Dioxane	ND	290	89.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:00
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-09	Analyst	: SMZ
Sample Amount	: 30.09 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	720	150	20.		
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	52.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	39.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U	
206-44-0	Fluoranthene	2200	120	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	28.	U	
77-47-4	Hexachlorocyclopentadiene	ND	550	180	U	UJ
67-72-1	Hexachloroethane	ND	150	31.	U	
78-59-1	Isophorone	ND	170	25.	U	
91-20-3	Naphthalene	2200	190	24.		
98-95-3	Nitrobenzene	ND	170	29.	U	
86-30-6	NDPA/DPA	ND	150	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	100	190	67.	J	
85-68-7	Butyl benzyl phthalate	ND	190	49.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:00
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-09	Analyst	: SMZ
Sample Amount	: 30.09 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	37.	U
117-84-0	Di-n-octylphthalate	ND	190	66.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	41.	U
56-55-3	Benzo(a)anthracene	1100	120	22.	
50-32-8	Benzo(a)pyrene	930	150	47.	
205-99-2	Benzo(b)fluoranthene	1100	120	33.	
207-08-9	Benzo(k)fluoranthene	420	120	31.	
218-01-9	Chrysene	1100	120	20.	
208-96-8	Acenaphthylene	130	150	30.	J
120-12-7	Anthracene	620	120	38.	
191-24-2	Benzo(ghi)perylene	490	150	23.	
86-73-7	Fluorene	360	190	19.	
85-01-8	Phenanthrene	2600	120	24.	
53-70-3	Dibenzo(a,h)anthracene	97	120	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	440	150	27.	
129-00-0	Pyrene	2100	120	19.	
92-52-4	Biphenyl	180	440	25.	J
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	80.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:00
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-09	Analyst	: SMZ
Sample Amount	: 30.09 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	190	190	18.	
91-57-6	2-Methylnaphthalene	480	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	64.	U
88-75-5	2-Nitrophenol	ND	420	73.	U
100-02-7	4-Nitrophenol	ND	270	79.	U
51-28-5	2,4-Dinitrophenol	ND	930	90.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	93.	U
87-86-5	Pentachlorophenol	ND	150	43.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	260	190	19.	
1912-24-9	Atrazine	ND	150	68.	U
100-52-7	Benzaldehyde	ND	260	52.	U
105-60-2	Caprolactam	ND	190	59.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:00
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-09	Analyst	: SMZ
Sample Amount	: 30.09 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U
123-91-1	1,4-Dioxane	ND	29	8.9	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-10	Analyst	: SMZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	260	170	22.		
118-74-1	Hexachlorobenzene	ND	130	24.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U	
91-58-7	2-Chloronaphthalene	ND	210	21.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U	
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U	
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U	
206-44-0	Fluoranthene	3400	130	24.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U	
87-68-3	Hexachlorobutadiene	ND	210	31.	U	
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U	UJ
67-72-1	Hexachloroethane	ND	170	34.	U	
78-59-1	Isophorone	ND	190	27.	U	
91-20-3	Naphthalene	320	210	26.		
98-95-3	Nitrobenzene	ND	190	31.	U	
86-30-6	NDPA/DPA	ND	170	24.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	110	210	73.	J	
85-68-7	Butyl benzyl phthalate	ND	210	53.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-10	Analyst	: SMZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	2000	130	24.	
50-32-8	Benzo(a)pyrene	1600	170	51.	
205-99-2	Benzo(b)fluoranthene	1900	130	35.	
207-08-9	Benzo(k)fluoranthene	650	130	34.	
218-01-9	Chrysene	2100	130	22.	
208-96-8	Acenaphthylene	50	170	32.	J
120-12-7	Anthracene	720	130	41.	
191-24-2	Benzo(ghi)perylene	640	170	25.	
86-73-7	Fluorene	280	210	20.	
85-01-8	Phenanthrene	2500	130	26.	
53-70-3	Dibenzo(a,h)anthracene	180	130	24.	
193-39-5	Indeno(1,2,3-cd)pyrene	650	170	29.	
129-00-0	Pyrene	3000	130	21.	
92-52-4	Biphenyl	40	480	27.	J
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-10	Analyst	: SMZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	160	210	20.	J
91-57-6	2-Methylnaphthalene	120	250	25.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	79.	U
100-02-7	4-Nitrophenol	ND	290	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	80	210	32.	J
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	620	300	33.	
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	130	210	20.	J
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	95	280	57.	J
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-10	Analyst	: SMZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	32	9.7	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 18:20
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-11	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	180	170	22.		
118-74-1	Hexachlorobenzene	ND	130	24.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U	
91-58-7	2-Chloronaphthalene	ND	220	21.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U	
121-14-2	2,4-Dinitrotoluene	ND	220	43.	U	
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U	
206-44-0	Fluoranthene	2000	130	25.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U	
87-68-3	Hexachlorobutadiene	ND	220	32.	U	
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U	R
67-72-1	Hexachloroethane	ND	170	35.	U	
78-59-1	Isophorone	ND	190	28.	U	
91-20-3	Naphthalene	220	220	26.		
98-95-3	Nitrobenzene	ND	190	32.	U	
86-30-6	NDPA/DPA	ND	170	25.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	220	33.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	120	220	75.	J	
85-68-7	Butyl benzyl phthalate	ND	220	54.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 18:20
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-11	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	220	41.	U	
117-84-0	Di-n-octylphthalate	ND	220	74.	U	
84-66-2	Diethyl phthalate	ND	220	20.	U	
131-11-3	Dimethyl phthalate	ND	220	45.	U	
56-55-3	Benzo(a)anthracene	1000	130	24.		
50-32-8	Benzo(a)pyrene	1000	170	53.		
205-99-2	Benzo(b)fluoranthene	1200	130	36.		
207-08-9	Benzo(k)fluoranthene	370	130	35.		
218-01-9	Chrysene	1100	130	22.		
208-96-8	Acenaphthylene	160	170	33.	J	J
120-12-7	Anthracene	400	130	42.		
191-24-2	Benzo(ghi)perylene	680	170	25.		
86-73-7	Fluorene	190	220	21.	J	
85-01-8	Phenanthrene	1900	130	26.		
53-70-3	Dibenzo(a,h)anthracene	130	130	25.		
193-39-5	Indeno(1,2,3-cd)pyrene	620	170	30.		
129-00-0	Pyrene	1900	130	22.		
92-52-4	Biphenyl	ND	490	28.	U	
106-47-8	4-Chloroaniline	ND	220	39.	U	
88-74-4	2-Nitroaniline	ND	220	42.	U	
99-09-2	3-Nitroaniline	ND	220	41.	U	
100-01-6	4-Nitroaniline	ND	220	90.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 18:20
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-11	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
132-64-9	Dibenzofuran	91	220	20.	J	
91-57-6	2-Methylnaphthalene	62	260	26.	J	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U	
98-86-2	Acetophenone	ND	220	27.	U	
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U	
59-50-7	p-Chloro-m-cresol	ND	220	32.	U	
95-57-8	2-Chlorophenol	ND	220	26.	U	
120-83-2	2,4-Dichlorophenol	ND	190	35.	U	
105-67-9	2,4-Dimethylphenol	ND	220	71.	U	
88-75-5	2-Nitrophenol	ND	470	81.	U	
100-02-7	4-Nitrophenol	ND	300	88.	U	
51-28-5	2,4-Dinitrophenol	ND	1000	100	U	R
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U	R
87-86-5	Pentachlorophenol	ND	170	48.	U	R
108-95-2	Phenol	ND	220	33.	U	
95-48-7	2-Methylphenol	ND	220	34.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	90	310	34.	J	
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U	
86-74-8	Carbazole	140	220	21.	J	
1912-24-9	Atrazine	ND	170	76.	U	
100-52-7	Benzaldehyde	ND	280	58.	U	
105-60-2	Caprolactam	ND	220	66.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 18:20
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-11	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U	UJ
123-91-1	1,4-Dioxane	ND	32	10.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:30
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-12	Analyst	: JG
Sample Amount	: 30.43 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	1000	160	20.		
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	52.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	39.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U	
206-44-0	Fluoranthene	1700	120	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U	
87-68-3	Hexachlorobutadiene	ND	190	28.	U	
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U	UJ
67-72-1	Hexachloroethane	ND	160	31.	U	
78-59-1	Isophorone	ND	180	25.	U	
91-20-3	Naphthalene	1900	190	24.		
98-95-3	Nitrobenzene	ND	180	29.	U	
86-30-6	NDPA/DPA	ND	160	22.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	67.	U	
85-68-7	Butyl benzyl phthalate	ND	190	49.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:30
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-12	Analyst	: JG
Sample Amount	: 30.43 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	37.	U
117-84-0	Di-n-octylphthalate	ND	190	66.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	41.	U
56-55-3	Benzo(a)anthracene	690	120	22.	
50-32-8	Benzo(a)pyrene	610	160	48.	
205-99-2	Benzo(b)fluoranthene	800	120	33.	
207-08-9	Benzo(k)fluoranthene	210	120	31.	
218-01-9	Chrysene	720	120	20.	
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	300	120	38.	
191-24-2	Benzo(ghi)perylene	380	160	23.	
86-73-7	Fluorene	980	190	19.	
85-01-8	Phenanthrene	1500	120	24.	
53-70-3	Dibenzo(a,h)anthracene	92	120	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	360	160	27.	
129-00-0	Pyrene	1400	120	19.	
92-52-4	Biphenyl	190	440	25.	J
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	38.	U
99-09-2	3-Nitroaniline	ND	190	37.	U
100-01-6	4-Nitroaniline	ND	190	80.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:30
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-12	Analyst	: JG
Sample Amount	: 30.43 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	540	190	18.	
91-57-6	2-Methylnaphthalene	700	230	24.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	64.	U
88-75-5	2-Nitrophenol	ND	420	73.	U
100-02-7	4-Nitrophenol	ND	270	79.	U
51-28-5	2,4-Dinitrophenol	ND	930	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	93.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	43	190	29.	J
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	210	280	30.	J
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	300	190	19.	
1912-24-9	Atrazine	ND	160	68.	U
100-52-7	Benzaldehyde	ND	260	52.	U
105-60-2	Caprolactam	ND	190	59.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:30
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-12	Analyst	: JG
Sample Amount	: 30.43 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:54
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-13	Analyst	: JG
Sample Amount	: 30.16 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	310	160	21.		
118-74-1	Hexachlorobenzene	ND	120	22.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U	
91-58-7	2-Chloronaphthalene	ND	200	20.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U	
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U	
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U	
206-44-0	Fluoranthene	2000	120	23.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U	
87-68-3	Hexachlorobutadiene	ND	200	29.	U	
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U	UJ
67-72-1	Hexachloroethane	ND	160	32.	U	
78-59-1	Isophorone	ND	180	26.	U	
91-20-3	Naphthalene	2300	200	24.		
98-95-3	Nitrobenzene	ND	180	30.	U	
86-30-6	NDPA/DPA	ND	160	23.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1300	200	69.		
85-68-7	Butyl benzyl phthalate	ND	200	50.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:54
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-13	Analyst	: JG
Sample Amount	: 30.16 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	1700	120	22.	
50-32-8	Benzo(a)pyrene	1500	160	49.	
205-99-2	Benzo(b)fluoranthene	1400	120	34.	
207-08-9	Benzo(k)fluoranthene	400	120	32.	
218-01-9	Chrysene	1700	120	21.	
208-96-8	Acenaphthylene	1600	160	31.	J
120-12-7	Anthracene	1800	120	39.	
191-24-2	Benzo(ghi)perylene	1400	160	24.	
86-73-7	Fluorene	640	200	19.	
85-01-8	Phenanthrene	3700	120	24.	
53-70-3	Dibenzo(a,h)anthracene	280	120	23.	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	160	28.	
129-00-0	Pyrene	3100	120	20.	
92-52-4	Biphenyl	280	460	26.	J
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:54
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-13	Analyst	: JG
Sample Amount	: 30.16 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	210	200	19.	
91-57-6	2-Methylnaphthalene	3300	240	24.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	93.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	180	290	31.	J
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	120	200	19.	J
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 19:54
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-13	Analyst	: JG
Sample Amount	: 30.16 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 13:10
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 710-14D1	Analyst	: SMZ
Sample Amount	: 30.76 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	1500	720	93.		
118-74-1	Hexachlorobenzene	ND	540	100	U	
111-44-4	Bis(2-chloroethyl)ether	ND	810	120	U	
91-58-7	2-Chloronaphthalene	ND	900	89.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	900	240	U	
121-14-2	2,4-Dinitrotoluene	ND	900	180	U	
606-20-2	2,6-Dinitrotoluene	ND	900	150	U	
206-44-0	Fluoranthene	6400	540	100		
7005-72-3	4-Chlorophenyl phenyl ether	ND	900	96.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	900	140	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	1100	150	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	970	90.	U	
87-68-3	Hexachlorobutadiene	ND	900	130	U	
77-47-4	Hexachlorocyclopentadiene	ND	2600	810	U	UJ
67-72-1	Hexachloroethane	ND	720	140	U	
78-59-1	Isophorone	ND	810	120	U	
91-20-3	Naphthalene	2200	900	110		
98-95-3	Nitrobenzene	ND	810	130	U	
86-30-6	NDPA/DPA	ND	720	100	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	900	140	U	
117-81-7	Bis(2-ethylhexyl)phthalate	3200	900	310		
85-68-7	Butyl benzyl phthalate	ND	900	230	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 13:10
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 710-14D1	Analyst	: SMZ
Sample Amount	: 30.76 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	900	170	U
117-84-0	Di-n-octylphthalate	ND	900	300	U
84-66-2	Diethyl phthalate	ND	900	83.	U
131-11-3	Dimethyl phthalate	ND	900	190	U
56-55-3	Benzo(a)anthracene	3000	540	100	
50-32-8	Benzo(a)pyrene	2600	720	220	
205-99-2	Benzo(b)fluoranthene	3100	540	150	
207-08-9	Benzo(k)fluoranthene	970	540	140	
218-01-9	Chrysene	3000	540	93.	
208-96-8	Acenaphthylene	590	720	140	J
120-12-7	Anthracene	1700	540	170	
191-24-2	Benzo(ghi)perylene	1500	720	100	
86-73-7	Fluorene	2000	900	87.	
85-01-8	Phenanthrene	8400	540	110	
53-70-3	Dibenzo(a,h)anthracene	390	540	100	J
193-39-5	Indeno(1,2,3-cd)pyrene	1400	720	120	
129-00-0	Pyrene	5900	540	89.	
92-52-4	Biphenyl	210	2000	120	J
106-47-8	4-Chloroaniline	ND	900	160	U
88-74-4	2-Nitroaniline	ND	900	170	U
99-09-2	3-Nitroaniline	ND	900	170	U
100-01-6	4-Nitroaniline	ND	900	370	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 13:10
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 710-14D1	Analyst	: SMZ
Sample Amount	: 30.76 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	990	900	85.	
91-57-6	2-Methylnaphthalene	17000	1100	110	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	900	94.	U
98-86-2	Acetophenone	ND	900	110	U
88-06-2	2,4,6-Trichlorophenol	ND	540	170	U
59-50-7	p-Chloro-m-cresol	ND	900	130	U
95-57-8	2-Chlorophenol	ND	900	110	U
120-83-2	2,4-Dichlorophenol	ND	810	140	U
105-67-9	2,4-Dimethylphenol	ND	900	300	U
88-75-5	2-Nitrophenol	ND	1900	340	U
100-02-7	4-Nitrophenol	ND	1200	370	U
51-28-5	2,4-Dinitrophenol	ND	4300	420	U
534-52-1	4,6-Dinitro-o-cresol	ND	2300	430	U
87-86-5	Pentachlorophenol	ND	720	200	U
108-95-2	Phenol	ND	900	140	U
95-48-7	2-Methylphenol	ND	900	140	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1300	140	U
95-95-4	2,4,5-Trichlorophenol	ND	900	170	U
86-74-8	Carbazole	670	900	87.	J
1912-24-9	Atrazine	ND	720	310	U
100-52-7	Benzaldehyde	ND	1200	240	U
105-60-2	Caprolactam	ND	900	270	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 13:10
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 710-14D1	Analyst	: SMZ
Sample Amount	: 30.76 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	900	180	U
123-91-1	1,4-Dioxane	ND	130	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 22:09
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-15	Analyst	: JG
Sample Amount	: 30.48 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	13000	150	20.	E	J
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	13000	110	22.	E	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	28.	U	
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U	UJ
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	3200	190	23.		
98-95-3	Nitrobenzene	ND	170	28.	U	
86-30-6	NDPA/DPA	ND	150	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	260	190	65.		
85-68-7	Butyl benzyl phthalate	ND	190	47.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 22:09
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-15	Analyst	: JG
Sample Amount	: 30.48 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
84-74-2	Di-n-butylphthalate	ND	190	36.	U	
117-84-0	Di-n-octylphthalate	ND	190	64.	U	
84-66-2	Diethyl phthalate	ND	190	17.	U	
131-11-3	Dimethyl phthalate	ND	190	40.	U	
56-55-3	Benzo(a)anthracene	6300	110	21.		
50-32-8	Benzo(a)pyrene	5500	150	46.		
205-99-2	Benzo(b)fluoranthene	7000	110	32.		
207-08-9	Benzo(k)fluoranthene	2000	110	30.		
218-01-9	Chrysene	6100	110	20.		
208-96-8	Acenaphthylene	ND	150	29.	U	
120-12-7	Anthracene	4100	110	37.		
191-24-2	Benzo(ghi)perylene	3400	150	22.		
86-73-7	Fluorene	6400	190	18.		
85-01-8	Phenanthrene	18000	110	23.	E	J
53-70-3	Dibenzo(a,h)anthracene	930	110	22.		
193-39-5	Indeno(1,2,3-cd)pyrene	3200	150	26.		
129-00-0	Pyrene	12000	110	19.	E	J
92-52-4	Biphenyl	160	430	24.	J	
106-47-8	4-Chloroaniline	ND	190	34.	U	
88-74-4	2-Nitroaniline	ND	190	36.	U	
99-09-2	3-Nitroaniline	ND	190	36.	U	
100-01-6	4-Nitroaniline	ND	190	78.	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 22:09
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-15	Analyst	: JG
Sample Amount	: 30.48 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	3100	190	18.	
91-57-6	2-Methylnaphthalene	5200	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	1700	190	18.	
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 22:09
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 41710-15	Analyst	: JG
Sample Amount	: 30.48 g	Instrument ID	: MINDY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.7	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15D	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 16:58
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 1710-15	Analyst	: JG
Sample Amount	: 30.48 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	16000	750	98.	
206-44-0	Fluoranthene	21000	560	110	
85-01-8	Phenanthrene	29000	560	110	
129-00-0	Pyrene	18000	560	94.	

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 18:34
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-17	Analyst	: JAG
Sample Amount	: 30.74 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	177	11.2	U
93-76-5	2,4,5-T	ND	177	5.50	U
93-72-1	2,4,5-TP (Silvex)	ND	177	4.72	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-19	Analyst	: JAG
Sample Amount	: 30.39 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	190	12.0	U
93-76-5	2,4,5-T	ND	190	5.90	U
93-72-1	2,4,5-TP (Silvex)	ND	190	5.06	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 19:28
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-20	Analyst	: JAG
Sample Amount	: 30.58 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	210	13.2	U
93-76-5	2,4,5-T	ND	210	6.50	U
93-72-1	2,4,5-TP (Silvex)	ND	210	5.58	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 19:46
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-21	Analyst	: JAG
Sample Amount	: 30.25 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	171	10.8	U
93-76-5	2,4,5-T	ND	171	5.30	U
93-72-1	2,4,5-TP (Silvex)	ND	171	4.55	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 20:04
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-22	Analyst	: JAG
Sample Amount	: 30.22 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	198	12.5	U
93-76-5	2,4,5-T	ND	198	6.14	U
93-72-1	2,4,5-TP (Silvex)	ND	198	5.26	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 20:22
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-23	Analyst	: JAG
Sample Amount	: 30.19 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	240	15.1	U
93-76-5	2,4,5-T	ND	240	7.43	U
93-72-1	2,4,5-TP (Silvex)	ND	240	6.38	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 20:40
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-24	Analyst	: JAG
Sample Amount	: 30.46 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	191	12.0	U
93-76-5	2,4,5-T	ND	191	5.91	U
93-72-1	2,4,5-TP (Silvex)	ND	191	5.07	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 15:35
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250710a-30	Analyst	: EMR
Sample Amount	: 30.04 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	200	12.6	U
93-76-5	2,4,5-T	ND	200	6.19	U
93-72-1	2,4,5-TP (Silvex)	ND	200	5.32	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 20:58
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-25	Analyst	: JAG
Sample Amount	: 30.52 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	191	12.0	U
93-76-5	2,4,5-T	ND	191	5.92	U
93-72-1	2,4,5-TP (Silvex)	ND	191	5.08	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 21:16
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-26	Analyst	: JAG
Sample Amount	: 30.5 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	211	13.3	U
93-76-5	2,4,5-T	ND	211	6.53	U
93-72-1	2,4,5-TP (Silvex)	ND	211	5.60	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 21:53
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-28	Analyst	: JAG
Sample Amount	: 30.66 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	213	13.4	U
93-76-5	2,4,5-T	ND	213	6.61	U
93-72-1	2,4,5-TP (Silvex)	ND	213	5.67	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 05:47
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-31	Analyst	: JAG
Sample Amount	: 30.45 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.03	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.18	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:05
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-32	Analyst	: JAG
Sample Amount	: 30.88 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	196	12.3	U
93-76-5	2,4,5-T	ND	196	6.07	U
93-72-1	2,4,5-TP (Silvex)	ND	196	5.21	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 06:23
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250708a-33	Analyst	: JAG
Sample Amount	: 30.71 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	180	11.3	U
93-76-5	2,4,5-T	ND	180	5.57	U
93-72-1	2,4,5-TP (Silvex)	ND	180	4.78	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 15:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250710a-31	Analyst	: EMR
Sample Amount	: 30.59 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	188	11.8	U
93-76-5	2,4,5-T	ND	188	5.82	U
93-72-1	2,4,5-TP (Silvex)	ND	188	4.99	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 15:47
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-15	Analyst	: MHG
Sample Amount	: 10.44 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	52.2	4.64	U
11104-28-2	Aroclor 1221	ND	52.2	5.23	U
11141-16-5	Aroclor 1232	ND	52.2	11.1	U
53469-21-9	Aroclor 1242	ND	52.2	7.04	U
12672-29-6	Aroclor 1248	ND	52.2	7.83	U
11097-69-1	Aroclor 1254	ND	52.2	5.71	U
11096-82-5	Aroclor 1260	ND	52.2	9.65	U
37324-23-5	Aroclor 1262	ND	52.2	6.63	U
11100-14-4	Aroclor 1268	ND	52.2	5.41	U
1336-36-3	PCBs, Total	ND	52.2	4.64	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 15:59
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-16	Analyst	: MHG
Sample Amount	: 10.72 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.9	4.79	U
11104-28-2	Aroclor 1221	ND	53.9	5.40	U
11141-16-5	Aroclor 1232	ND	53.9	11.4	U
53469-21-9	Aroclor 1242	ND	53.9	7.27	U
12672-29-6	Aroclor 1248	ND	53.9	8.09	U
11097-69-1	Aroclor 1254	ND	53.9	5.90	U
11096-82-5	Aroclor 1260	ND	53.9	9.96	U
37324-23-5	Aroclor 1262	ND	53.9	6.85	U
11100-14-4	Aroclor 1268	ND	53.9	5.59	U
1336-36-3	PCBs, Total	ND	53.9	4.79	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 16:10
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-17	Analyst	: MHG
Sample Amount	: 10.19 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	62.9	5.59	U
11104-28-2	Aroclor 1221	ND	62.9	6.30	U
11141-16-5	Aroclor 1232	ND	62.9	13.3	U
53469-21-9	Aroclor 1242	ND	62.9	8.48	U
12672-29-6	Aroclor 1248	ND	62.9	9.44	U
11097-69-1	Aroclor 1254	ND	62.9	6.88	U
11096-82-5	Aroclor 1260	ND	62.9	11.6	U
37324-23-5	Aroclor 1262	ND	62.9	7.99	U
11100-14-4	Aroclor 1268	ND	62.9	6.52	U
1336-36-3	PCBs, Total	ND	62.9	5.59	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 16:22
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-18	Analyst	: MHG
Sample Amount	: 10.08 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	51.3	4.56	U
11104-28-2	Aroclor 1221	ND	51.3	5.14	U
11141-16-5	Aroclor 1232	ND	51.3	10.9	U
53469-21-9	Aroclor 1242	ND	51.3	6.92	U
12672-29-6	Aroclor 1248	ND	51.3	7.70	U
11097-69-1	Aroclor 1254	ND	51.3	5.62	U
11096-82-5	Aroclor 1260	ND	51.3	9.49	U
37324-23-5	Aroclor 1262	ND	51.3	6.52	U
11100-14-4	Aroclor 1268	ND	51.3	5.32	U
1336-36-3	PCBs, Total	ND	51.3	4.56	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 16:33
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-19	Analyst	: MHG
Sample Amount	: 10.34 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	57.8	5.14	U
11104-28-2	Aroclor 1221	ND	57.8	5.80	U
11141-16-5	Aroclor 1232	ND	57.8	12.3	U
53469-21-9	Aroclor 1242	ND	57.8	7.80	U
12672-29-6	Aroclor 1248	ND	57.8	8.68	U
11097-69-1	Aroclor 1254	ND	57.8	6.33	U
11096-82-5	Aroclor 1260	ND	57.8	10.7	U
37324-23-5	Aroclor 1262	ND	57.8	7.34	U
11100-14-4	Aroclor 1268	ND	57.8	5.99	U
1336-36-3	PCBs, Total	ND	57.8	5.14	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 16:45
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-20	Analyst	: MHG
Sample Amount	: 10.84 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	66.8	5.93	U
11104-28-2	Aroclor 1221	ND	66.8	6.69	U
11141-16-5	Aroclor 1232	ND	66.8	14.2	U
53469-21-9	Aroclor 1242	ND	66.8	9.00	U
12672-29-6	Aroclor 1248	ND	66.8	10.0	U
11097-69-1	Aroclor 1254	ND	66.8	7.30	U
11096-82-5	Aroclor 1260	ND	66.8	12.3	U
37324-23-5	Aroclor 1262	ND	66.8	8.48	U
11100-14-4	Aroclor 1268	ND	66.8	6.92	U
1336-36-3	PCBs, Total	ND	66.8	5.93	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 10:04
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250708a-07	Analyst	: MEO
Sample Amount	: 10.08 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	57.6	5.12	U
11104-28-2	Aroclor 1221	ND	57.6	5.77	U
11141-16-5	Aroclor 1232	ND	57.6	12.2	U
53469-21-9	Aroclor 1242	ND	57.6	7.76	U
12672-29-6	Aroclor 1248	ND	57.6	8.64	U
11097-69-1	Aroclor 1254	ND	57.6	6.30	U
11096-82-5	Aroclor 1260	ND	57.6	10.6	U
37324-23-5	Aroclor 1262	ND	57.6	7.32	U
11100-14-4	Aroclor 1268	ND	57.6	5.97	U
1336-36-3	PCBs, Total	ND	57.6	5.12	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-22	Analyst	: MHG
Sample Amount	: 10.54 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	56.9	5.06	U
11104-28-2	Aroclor 1221	ND	56.9	5.71	U
11141-16-5	Aroclor 1232	ND	56.9	12.1	U
53469-21-9	Aroclor 1242	ND	56.9	7.68	U
12672-29-6	Aroclor 1248	ND	56.9	8.54	U
11097-69-1	Aroclor 1254	ND	56.9	6.23	U
11096-82-5	Aroclor 1260	ND	56.9	10.5	U
37324-23-5	Aroclor 1262	ND	56.9	7.23	U
11100-14-4	Aroclor 1268	ND	56.9	5.90	U
1336-36-3	PCBs, Total	ND	56.9	5.06	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 17:19
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-23	Analyst	: MHG
Sample Amount	: 10.82 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.8	4.78	U
11104-28-2	Aroclor 1221	ND	53.8	5.40	U
11141-16-5	Aroclor 1232	ND	53.8	11.4	U
53469-21-9	Aroclor 1242	ND	53.8	7.26	U
12672-29-6	Aroclor 1248	ND	53.8	8.08	U
11097-69-1	Aroclor 1254	ND	53.8	5.89	U
11096-82-5	Aroclor 1260	ND	53.8	9.95	U
37324-23-5	Aroclor 1262	ND	53.8	6.84	U
11100-14-4	Aroclor 1268	ND	53.8	5.58	U
1336-36-3	PCBs, Total	ND	53.8	4.78	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 10:12
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250708a-08	Analyst	: MEO
Sample Amount	: 10.41 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	61.7	5.48	U
11104-28-2	Aroclor 1221	ND	61.7	6.18	U
11141-16-5	Aroclor 1232	ND	61.7	13.1	U
53469-21-9	Aroclor 1242	ND	61.7	8.32	U
12672-29-6	Aroclor 1248	ND	61.7	9.26	U
11096-82-5	Aroclor 1260	ND	61.7	11.4	U
37324-23-5	Aroclor 1262	ND	61.7	7.84	U
11100-14-4	Aroclor 1268	ND	61.7	6.40	U
1336-36-3	PCBs, Total	9.62	61.7	5.48	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/08/25 10:12
Sample Matrix	: SOIL	Date Extracted	: 07/07/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 24250708a-08	Analyst	: MEO
Sample Amount	: 10.41 g	Instrument ID	: PEST24
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	9.62	61.7	6.75	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 18:28
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-29	Analyst	: MHG
Sample Amount	: 10.39 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	62.9	5.59	U
11104-28-2	Aroclor 1221	ND	62.9	6.30	U
11141-16-5	Aroclor 1232	ND	62.9	13.3	U
53469-21-9	Aroclor 1242	ND	62.9	8.48	U
12672-29-6	Aroclor 1248	ND	62.9	9.44	U
11097-69-1	Aroclor 1254	ND	62.9	6.88	U
11096-82-5	Aroclor 1260	ND	62.9	11.6	U
37324-23-5	Aroclor 1262	ND	62.9	7.99	U
11100-14-4	Aroclor 1268	ND	62.9	6.52	U
1336-36-3	PCBs, Total	ND	62.9	5.59	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 17:42
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-25	Analyst	: MHG
Sample Amount	: 10.08 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	58.8	5.22	U
11104-28-2	Aroclor 1221	ND	58.8	5.89	U
11141-16-5	Aroclor 1232	ND	58.8	12.4	U
53469-21-9	Aroclor 1242	ND	58.8	7.92	U
12672-29-6	Aroclor 1248	ND	58.8	8.82	U
11097-69-1	Aroclor 1254	ND	58.8	6.43	U
11096-82-5	Aroclor 1260	ND	58.8	10.9	U
37324-23-5	Aroclor 1262	ND	58.8	7.46	U
11100-14-4	Aroclor 1268	ND	58.8	6.09	U
1336-36-3	PCBs, Total	ND	58.8	5.22	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 17:54
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-26	Analyst	: MHG
Sample Amount	: 10.25 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	59.0	5.24	U
11104-28-2	Aroclor 1221	ND	59.0	5.91	U
11141-16-5	Aroclor 1232	ND	59.0	12.5	U
53469-21-9	Aroclor 1242	ND	59.0	7.95	U
12672-29-6	Aroclor 1248	ND	59.0	8.85	U
11097-69-1	Aroclor 1254	ND	59.0	6.45	U
11096-82-5	Aroclor 1260	66.3	59.0	10.9	
37324-23-5	Aroclor 1262	ND	59.0	7.49	U
11100-14-4	Aroclor 1268	ND	59.0	6.11	U
1336-36-3	PCBs, Total	66.3	59.0	5.24	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 18:05
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-27	Analyst	: MHG
Sample Amount	: 10.34 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.4	4.74	U
11104-28-2	Aroclor 1221	ND	53.4	5.35	U
11141-16-5	Aroclor 1232	ND	53.4	11.3	U
53469-21-9	Aroclor 1242	ND	53.4	7.19	U
12672-29-6	Aroclor 1248	ND	53.4	8.00	U
11097-69-1	Aroclor 1254	ND	53.4	5.84	U
11096-82-5	Aroclor 1260	44.8	53.4	9.86	J
37324-23-5	Aroclor 1262	ND	53.4	6.78	U
11100-14-4	Aroclor 1268	ND	53.4	5.53	U
1336-36-3	PCBs, Total	44.8	53.4	4.74	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 18:17
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-28	Analyst	: MHG
Sample Amount	: 10.8 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	53.2	4.72	U
11104-28-2	Aroclor 1221	ND	53.2	5.32	U
11141-16-5	Aroclor 1232	ND	53.2	11.3	U
53469-21-9	Aroclor 1242	ND	53.2	7.16	U
12672-29-6	Aroclor 1248	ND	53.2	7.97	U
11097-69-1	Aroclor 1254	ND	53.2	5.81	U
37324-23-5	Aroclor 1262	ND	53.2	6.75	U
11100-14-4	Aroclor 1268	30.3	53.2	5.51	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/07/25 18:17
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P7250707a-28	Analyst	: MHG
Sample Amount	: 10.8 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	54.2	53.2	9.82	
1336-36-3	PCBs, Total	84.5	53.2	4.72	J

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:12
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-15	Analyst	: AKM
Sample Amount	: 15.43 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.70	0.332	U
58-89-9	Lindane	ND	0.707	0.316	U
319-84-6	Alpha-BHC	ND	0.707	0.201	U
319-85-7	Beta-BHC	ND	1.70	0.643	U
76-44-8	Heptachlor	ND	0.848	0.380	U
309-00-2	Aldrin	ND	1.70	0.597	U
1024-57-3	Heptachlor epoxide	ND	3.18	0.954	U
72-20-8	Endrin	ND	0.707	0.290	U
7421-93-4	Endrin aldehyde	ND	2.12	0.742	U
53494-70-5	Endrin ketone	ND	1.70	0.437	U
60-57-1	Dieldrin	ND	1.06	0.530	U
72-55-9	4,4'-DDE	ND	1.70	0.392	U
72-54-8	4,4'-DDD	ND	1.70	0.605	U
50-29-3	4,4'-DDT	ND	1.70	1.36	U
959-98-8	Endosulfan I	ND	1.70	0.401	U
33213-65-9	Endosulfan II	ND	1.70	0.567	U
1031-07-8	Endosulfan sulfate	ND	0.707	0.336	U
72-43-5	Methoxychlor	ND	3.18	0.989	U
8001-35-2	Toxaphene	ND	31.8	8.90	U
5103-71-9	cis-Chlordane	ND	2.12	0.591	U
5103-74-2	trans-Chlordane	ND	2.12	0.560	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:12
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-15	Analyst	: AKM
Sample Amount	: 15.43 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.1	5.62	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:24
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-16	Analyst	: AKM
Sample Amount	: 15.22 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.82	0.357	U	
58-89-9	Lindane	ND	0.760	0.340	U	
319-84-6	Alpha-BHC	ND	0.760	0.216	U	
319-85-7	Beta-BHC	ND	1.82	0.691	U	
76-44-8	Heptachlor	ND	0.911	0.409	U	
309-00-2	Aldrin	ND	1.82	0.642	U	
1024-57-3	Heptachlor epoxide	ND	3.42	1.02	U	
72-20-8	Endrin	ND	0.760	0.311	U	
7421-93-4	Endrin aldehyde	ND	2.28	0.798	U	
53494-70-5	Endrin ketone	ND	1.82	0.469	U	
60-57-1	Dieldrin	ND	1.14	0.570	U	
72-55-9	4,4'-DDE	ND	1.82	0.422	U	
72-54-8	4,4'-DDD	ND	1.82	0.650	U	
50-29-3	4,4'-DDT	ND	1.82	1.46	U	
959-98-8	Endosulfan I	ND	1.82	0.431	U	
33213-65-9	Endosulfan II	ND	1.82	0.609	U	
1031-07-8	Endosulfan sulfate	ND	0.760	0.362	U	
72-43-5	Methoxychlor	ND	3.42	1.06	U	
8001-35-2	Toxaphene	ND	34.2	9.57	U	
5103-71-9	cis-Chlordane	5.69	2.28	0.635		J+
5103-74-2	trans-Chlordane	27.2	2.28	0.602	IP	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:24
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-16	Analyst	: AKM
Sample Amount	: 15.22 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.2	6.04	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:37
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-17	Analyst	: AKM
Sample Amount	: 15.27 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	2.02	0.395	U
58-89-9	Lindane	ND	0.840	0.375	U
319-84-6	Alpha-BHC	ND	0.840	0.238	U
319-85-7	Beta-BHC	ND	2.02	0.764	U
76-44-8	Heptachlor	ND	1.01	0.452	U
309-00-2	Aldrin	ND	2.02	0.709	U
1024-57-3	Heptachlor epoxide	ND	3.78	1.13	U
72-20-8	Endrin	ND	0.840	0.344	U
7421-93-4	Endrin aldehyde	ND	2.52	0.882	U
53494-70-5	Endrin ketone	ND	2.02	0.519	U
60-57-1	Dieldrin	ND	1.26	0.630	U
72-55-9	4,4'-DDE	ND	2.02	0.466	U
72-54-8	4,4'-DDD	ND	2.02	0.719	U
50-29-3	4,4'-DDT	ND	2.02	1.62	U
959-98-8	Endosulfan I	ND	2.02	0.476	U
33213-65-9	Endosulfan II	ND	2.02	0.673	U
1031-07-8	Endosulfan sulfate	ND	0.840	0.400	U
72-43-5	Methoxychlor	ND	3.78	1.18	U
8001-35-2	Toxaphene	ND	37.8	10.6	U
5103-71-9	cis-Chlordane	ND	2.52	0.702	U
5103-74-2	trans-Chlordane	ND	2.52	0.665	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:37
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-17	Analyst	: AKM
Sample Amount	: 15.27 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	16.8	6.67	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:49
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-18	Analyst	: AKM
Sample Amount	: 15.5 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.314	U
58-89-9	Lindane	ND	0.668	0.298	U
319-84-6	Alpha-BHC	ND	0.668	0.190	U
319-85-7	Beta-BHC	ND	1.60	0.608	U
76-44-8	Heptachlor	ND	0.801	0.359	U
309-00-2	Aldrin	ND	1.60	0.564	U
1024-57-3	Heptachlor epoxide	ND	3.00	0.902	U
72-20-8	Endrin	ND	0.668	0.274	U
7421-93-4	Endrin aldehyde	ND	2.00	0.701	U
53494-70-5	Endrin ketone	ND	1.60	0.413	U
60-57-1	Dieldrin	ND	1.00	0.501	U
72-55-9	4,4'-DDE	ND	1.60	0.371	U
72-54-8	4,4'-DDD	ND	1.60	0.572	U
50-29-3	4,4'-DDT	ND	1.60	1.29	U
959-98-8	Endosulfan I	ND	1.60	0.379	U
33213-65-9	Endosulfan II	ND	1.60	0.536	U
1031-07-8	Endosulfan sulfate	ND	0.668	0.318	U
72-43-5	Methoxychlor	ND	3.00	0.935	U
8001-35-2	Toxaphene	ND	30.0	8.42	U
5103-71-9	cis-Chlordane	ND	2.00	0.558	U
5103-74-2	trans-Chlordane	ND	2.00	0.529	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 00:49
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-18	Analyst	: AKM
Sample Amount	: 15.5 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.4	5.31	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05D	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:24
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 5
Lab File ID	: 18250709a-37	Analyst	: JAG
Sample Amount	: 15.35 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	9.35	1.83	U
58-89-9	Lindane	ND	3.90	1.74	U
319-84-6	Alpha-BHC	ND	3.90	1.11	U
319-85-7	Beta-BHC	ND	9.35	3.54	U
76-44-8	Heptachlor	ND	4.68	2.10	U
309-00-2	Aldrin	ND	9.35	3.29	U
1024-57-3	Heptachlor epoxide	ND	17.5	5.26	U
72-20-8	Endrin	ND	3.90	1.60	U
7421-93-4	Endrin aldehyde	ND	11.7	4.09	U
53494-70-5	Endrin ketone	ND	9.35	2.41	U
60-57-1	Dieldrin	ND	5.84	2.92	U
72-55-9	4,4'-DDE	ND	9.35	2.16	U
72-54-8	4,4'-DDD	ND	9.35	3.34	U
50-29-3	4,4'-DDT	ND	9.35	7.52	U
959-98-8	Endosulfan I	ND	9.35	2.21	U
33213-65-9	Endosulfan II	ND	9.35	3.12	U
1031-07-8	Endosulfan sulfate	ND	3.90	1.85	U
72-43-5	Methoxychlor	ND	17.5	5.45	U
8001-35-2	Toxaphene	ND	175	49.1	U
5103-71-9	cis-Chlordane	ND	11.7	3.26	U
5103-74-2	trans-Chlordane	ND	11.7	3.08	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05D	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:24
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 5
Lab File ID	: 18250709a-37	Analyst	: JAG
Sample Amount	: 15.35 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	77.9	31.0	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:14
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-20	Analyst	: AKM
Sample Amount	: 15.66 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	2.22	0.434	U	
58-89-9	Lindane	ND	0.924	0.413	U	
319-84-6	Alpha-BHC	ND	0.924	0.262	U	
319-85-7	Beta-BHC	ND	2.22	0.841	U	
76-44-8	Heptachlor	ND	1.11	0.497	U	
309-00-2	Aldrin	ND	2.22	0.781	U	
1024-57-3	Heptachlor epoxide	ND	4.16	1.25	U	
72-20-8	Endrin	ND	0.924	0.379	U	
7421-93-4	Endrin aldehyde	ND	2.77	0.970	U	
53494-70-5	Endrin ketone	ND	2.22	0.571	U	
60-57-1	Dieldrin	ND	1.39	0.693	U	
72-55-9	4,4'-DDE	ND	2.22	0.513	U	
72-54-8	4,4'-DDD	ND	2.22	0.791	U	
50-29-3	4,4'-DDT	ND	2.22	1.78	U	
959-98-8	Endosulfan I	ND	2.22	0.524	U	
33213-65-9	Endosulfan II	ND	2.22	0.741	U	
1031-07-8	Endosulfan sulfate	ND	0.924	0.440	U	
72-43-5	Methoxychlor	ND	4.16	1.29	U	
8001-35-2	Toxaphene	ND	41.6	11.6	U	
5103-71-9	cis-Chlordane	ND	2.77	0.772	U	
5103-74-2	trans-Chlordane	2.96	2.77	0.732	IP	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:14
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-20	Analyst	: AKM
Sample Amount	: 15.66 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	18.5	7.35	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:27
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-21	Analyst	: AKM
Sample Amount	: 15.2 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.83	0.359	U
58-89-9	Lindane	ND	0.764	0.342	U
319-84-6	Alpha-BHC	ND	0.764	0.217	U
319-85-7	Beta-BHC	ND	1.83	0.695	U
76-44-8	Heptachlor	ND	0.917	0.411	U
309-00-2	Aldrin	ND	1.83	0.646	U
1024-57-3	Heptachlor epoxide	ND	3.44	1.03	U
72-20-8	Endrin	ND	0.764	0.313	U
7421-93-4	Endrin aldehyde	ND	2.29	0.802	U
53494-70-5	Endrin ketone	ND	1.83	0.472	U
60-57-1	Dieldrin	ND	1.15	0.573	U
72-55-9	4,4'-DDE	ND	1.83	0.424	U
72-54-8	4,4'-DDD	ND	1.83	0.654	U
50-29-3	4,4'-DDT	ND	1.83	1.47	U
959-98-8	Endosulfan I	ND	1.83	0.433	U
33213-65-9	Endosulfan II	ND	1.83	0.613	U
1031-07-8	Endosulfan sulfate	ND	0.764	0.364	U
72-43-5	Methoxychlor	ND	3.44	1.07	U
8001-35-2	Toxaphene	ND	34.4	9.63	U
5103-71-9	cis-Chlordane	ND	2.29	0.639	U
5103-74-2	trans-Chlordane	ND	2.29	0.605	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:27
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-21	Analyst	: AKM
Sample Amount	: 15.2 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.3	6.07	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-22	Analyst	: AKM
Sample Amount	: 15.25 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.89	0.370	U
58-89-9	Lindane	ND	0.787	0.352	U
319-84-6	Alpha-BHC	ND	0.787	0.224	U
319-85-7	Beta-BHC	ND	1.89	0.716	U
76-44-8	Heptachlor	ND	0.945	0.424	U
309-00-2	Aldrin	ND	1.89	0.665	U
1024-57-3	Heptachlor epoxide	ND	3.54	1.06	U
72-20-8	Endrin	ND	0.787	0.323	U
7421-93-4	Endrin aldehyde	ND	2.36	0.826	U
53494-70-5	Endrin ketone	ND	1.89	0.486	U
60-57-1	Dieldrin	ND	1.18	0.590	U
72-54-8	4,4'-DDD	ND	1.89	0.674	U
50-29-3	4,4'-DDT	ND	1.89	1.52	U
959-98-8	Endosulfan I	ND	1.89	0.446	U
33213-65-9	Endosulfan II	ND	1.89	0.631	U
1031-07-8	Endosulfan sulfate	ND	0.787	0.375	U
72-43-5	Methoxychlor	ND	3.54	1.10	U
8001-35-2	Toxaphene	ND	35.4	9.92	U
5103-71-9	cis-Chlordane	ND	2.36	0.658	U
5103-74-2	trans-Chlordane	ND	2.36	0.623	UIP
57-74-9	Chlordane	ND	15.7	6.26	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:39
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-22	Analyst	: AKM
Sample Amount	: 15.25 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
72-55-9	4,4'-DDE	1.52	1.89	0.437	JIP	J-

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:52
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-23	Analyst	: AKM
Sample Amount	: 15.49 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.80	0.354	U	
58-89-9	Lindane	ND	0.752	0.336	U	
319-84-6	Alpha-BHC	ND	0.752	0.214	U	
319-85-7	Beta-BHC	ND	1.80	0.685	U	
76-44-8	Heptachlor	ND	0.903	0.405	U	
309-00-2	Aldrin	ND	1.80	0.636	U	
1024-57-3	Heptachlor epoxide	ND	3.38	1.02	U	
72-20-8	Endrin	ND	0.752	0.308	U	
7421-93-4	Endrin aldehyde	ND	2.26	0.790	U	
53494-70-5	Endrin ketone	ND	1.80	0.465	U	
60-57-1	Dieldrin	ND	1.13	0.564	U	
72-55-9	4,4'-DDE	ND	1.80	0.418	U	
72-54-8	4,4'-DDD	ND	1.80	0.644	U	
50-29-3	4,4'-DDT	ND	1.80	1.45	U	
959-98-8	Endosulfan I	ND	1.80	0.427	U	
33213-65-9	Endosulfan II	ND	1.80	0.603	U	
1031-07-8	Endosulfan sulfate	ND	0.752	0.358	U	
72-43-5	Methoxychlor	ND	3.38	1.05	U	
8001-35-2	Toxaphene	ND	33.8	9.48	U	
5103-71-9	cis-Chlordane	ND	2.26	0.629	U	
5103-74-2	trans-Chlordane	6.15	2.26	0.596	IP	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 01:52
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-23	Analyst	: AKM
Sample Amount	: 15.49 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.0	5.98	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10D	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:37
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 5
Lab File ID	: 18250709a-38	Analyst	: JAG
Sample Amount	: 15.68 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	9.84	1.93	U
58-89-9	Lindane	ND	4.10	1.83	U
319-84-6	Alpha-BHC	ND	4.10	1.16	U
319-85-7	Beta-BHC	ND	9.84	3.73	U
76-44-8	Heptachlor	ND	4.92	2.20	U
309-00-2	Aldrin	ND	9.84	3.46	U
1024-57-3	Heptachlor epoxide	ND	18.4	5.53	U
72-20-8	Endrin	ND	4.10	1.68	U
7421-93-4	Endrin aldehyde	ND	12.3	4.30	U
53494-70-5	Endrin ketone	ND	9.84	2.53	U
60-57-1	Dieldrin	ND	6.15	3.07	U
72-55-9	4,4'-DDE	ND	9.84	2.27	U
72-54-8	4,4'-DDD	ND	9.84	3.51	U
50-29-3	4,4'-DDT	ND	9.84	7.91	U
959-98-8	Endosulfan I	ND	9.84	2.32	U
33213-65-9	Endosulfan II	ND	9.84	3.29	U
1031-07-8	Endosulfan sulfate	ND	4.10	1.95	U
72-43-5	Methoxychlor	ND	18.4	5.74	U
8001-35-2	Toxaphene	ND	184	51.6	U
5103-71-9	cis-Chlordane	ND	12.3	3.43	U
5103-74-2	trans-Chlordane	ND	12.3	3.25	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10D	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:37
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 5
Lab File ID	: 18250709a-38	Analyst	: JAG
Sample Amount	: 15.68 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	82.0	32.6	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:46
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250711a-28	Analyst	: EJL
Sample Amount	: 15.64 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	2.00	0.393	U
58-89-9	Lindane	ND	0.836	0.374	U
319-84-6	Alpha-BHC	ND	0.836	0.237	U
319-85-7	Beta-BHC	ND	2.00	0.760	U
76-44-8	Heptachlor	ND	1.00	0.450	U
309-00-2	Aldrin	ND	2.00	0.706	U
1024-57-3	Heptachlor epoxide	ND	3.76	1.13	U
72-20-8	Endrin	ND	0.836	0.343	U
7421-93-4	Endrin aldehyde	ND	2.51	0.878	U
53494-70-5	Endrin ketone	ND	2.00	0.516	U
60-57-1	Dieldrin	ND	1.25	0.627	U
72-55-9	4,4'-DDE	ND	2.00	0.464	U
959-98-8	Endosulfan I	ND	2.00	0.474	U
33213-65-9	Endosulfan II	ND	2.00	0.670	U
1031-07-8	Endosulfan sulfate	ND	0.836	0.398	U
72-43-5	Methoxychlor	ND	3.76	1.17	U
8001-35-2	Toxaphene	ND	37.6	10.5	U
5103-71-9	cis-Chlordane	ND	2.51	0.699	U
5103-74-2	trans-Chlordane	ND	2.51	0.662	U
57-74-9	Chlordane	ND	16.7	6.64	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 10:46
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250711a-28	Analyst	: EJL
Sample Amount	: 15.64 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-54-8	4,4'-DDD	3.84	2.00	0.715	J+
50-29-3	4,4'-DDT	ND	2.00	1.61	UIP

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:08
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-28	Analyst	: AKM
Sample Amount	: 15.84 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.80	0.352	U
58-89-9	Lindane	ND	0.748	0.334	U
319-84-6	Alpha-BHC	ND	0.748	0.212	U
319-85-7	Beta-BHC	ND	1.80	0.681	U
76-44-8	Heptachlor	ND	0.898	0.402	U
309-00-2	Aldrin	ND	1.80	0.632	U
1024-57-3	Heptachlor epoxide	ND	3.37	1.01	U
72-20-8	Endrin	ND	0.748	0.307	U
7421-93-4	Endrin aldehyde	ND	2.24	0.785	U
53494-70-5	Endrin ketone	ND	1.80	0.462	U
60-57-1	Dieldrin	ND	1.12	0.561	U
72-55-9	4,4'-DDE	ND	1.80	0.415	U
72-54-8	4,4'-DDD	ND	1.80	0.640	U
50-29-3	4,4'-DDT	ND	1.80	1.44	U
959-98-8	Endosulfan I	ND	1.80	0.424	U
33213-65-9	Endosulfan II	ND	1.80	0.600	U
1031-07-8	Endosulfan sulfate	ND	0.748	0.356	U
72-43-5	Methoxychlor	ND	3.37	1.05	U
8001-35-2	Toxaphene	ND	33.7	9.42	U
5103-71-9	cis-Chlordane	ND	2.24	0.625	U
5103-74-2	trans-Chlordane	ND	2.24	0.592	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:08
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-28	Analyst	: AKM
Sample Amount	: 15.84 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.0	5.95	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:26
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-29	Analyst	: AKM
Sample Amount	: 15.73 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.84	0.361	U
58-89-9	Lindane	ND	0.769	0.344	U
319-84-6	Alpha-BHC	ND	0.769	0.218	U
319-85-7	Beta-BHC	ND	1.84	0.700	U
76-44-8	Heptachlor	ND	0.922	0.414	U
309-00-2	Aldrin	ND	1.84	0.650	U
1024-57-3	Heptachlor epoxide	ND	3.46	1.04	U
72-20-8	Endrin	ND	0.769	0.315	U
7421-93-4	Endrin aldehyde	ND	2.31	0.807	U
53494-70-5	Endrin ketone	ND	1.84	0.475	U
60-57-1	Dieldrin	ND	1.15	0.576	U
72-55-9	4,4'-DDE	ND	1.84	0.427	U
72-54-8	4,4'-DDD	ND	1.84	0.658	U
50-29-3	4,4'-DDT	ND	1.84	1.48	U
959-98-8	Endosulfan I	ND	1.84	0.436	U
33213-65-9	Endosulfan II	ND	1.84	0.616	U
1031-07-8	Endosulfan sulfate	ND	0.769	0.366	U
72-43-5	Methoxychlor	ND	3.46	1.08	U
8001-35-2	Toxaphene	ND	34.6	9.68	U
5103-71-9	cis-Chlordane	ND	2.31	0.643	U
5103-74-2	trans-Chlordane	ND	2.31	0.609	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:26
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-29	Analyst	: AKM
Sample Amount	: 15.73 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	15.4	6.11	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:49
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 10
Lab File ID	: 18250709a-39	Analyst	: JAG
Sample Amount	: 15.68 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	16.9	3.31	U	R
58-89-9	Lindane	ND	7.04	3.15	U	R
319-84-6	Alpha-BHC	ND	7.04	2.00	U	R
319-85-7	Beta-BHC	ND	16.9	6.40	U	R
76-44-8	Heptachlor	ND	8.45	3.79	U	R
309-00-2	Aldrin	ND	16.9	5.95	U	R
1024-57-3	Heptachlor epoxide	ND	31.7	9.50	U	R
72-20-8	Endrin	ND	7.04	2.89	U	R
7421-93-4	Endrin aldehyde	ND	21.1	7.39	U	R
53494-70-5	Endrin ketone	ND	16.9	4.35	U	R
60-57-1	Dieldrin	ND	10.6	5.28	U	R
72-55-9	4,4'-DDE	ND	16.9	3.91	U	R
72-54-8	4,4'-DDD	ND	16.9	6.02	U	R
50-29-3	4,4'-DDT	ND	16.9	13.6	U	R
959-98-8	Endosulfan I	ND	16.9	3.99	U	R
33213-65-9	Endosulfan II	ND	16.9	5.64	U	R
1031-07-8	Endosulfan sulfate	ND	7.04	3.35	U	R
72-43-5	Methoxychlor	ND	31.7	9.85	U	R
8001-35-2	Toxaphene	ND	317	88.7	U	R
5103-71-9	cis-Chlordane	ND	21.1	5.88	U	R
5103-74-2	trans-Chlordane	ND	21.1	5.58	U	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14D	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 19:49
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 10
Lab File ID	: 18250709a-39	Analyst	: JAG
Sample Amount	: 15.68 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-74-9	Chlordane	ND	141	56.0	U	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:51
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-31	Analyst	: AKM
Sample Amount	: 15.09 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.83	0.358	U	R
58-89-9	Lindane	ND	0.761	0.340	U	R
319-84-6	Alpha-BHC	ND	0.761	0.216	U	R
319-85-7	Beta-BHC	ND	1.83	0.692	U	R
76-44-8	Heptachlor	ND	0.913	0.409	U	R
309-00-2	Aldrin	ND	1.83	0.643	U	R
1024-57-3	Heptachlor epoxide	ND	3.42	1.03	U	R
72-20-8	Endrin	ND	0.761	0.312	U	R
7421-93-4	Endrin aldehyde	ND	2.28	0.799	U	R
53494-70-5	Endrin ketone	ND	1.83	0.470	U	R
60-57-1	Dieldrin	ND	1.14	0.571	U	R
72-55-9	4,4'-DDE	ND	1.83	0.422	U	R
72-54-8	4,4'-DDD	ND	1.83	0.651	U	R
50-29-3	4,4'-DDT	ND	1.83	1.47	U	R
959-98-8	Endosulfan I	ND	1.83	0.431	U	R
33213-65-9	Endosulfan II	ND	1.83	0.610	U	R
1031-07-8	Endosulfan sulfate	ND	0.761	0.362	U	R
72-43-5	Methoxychlor	ND	3.42	1.06	U	R
8001-35-2	Toxaphene	ND	34.2	9.59	U	R
5103-71-9	cis-Chlordane	ND	2.28	0.636	U	R
5103-74-2	trans-Chlordane	ND	2.28	0.602	U	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 03:51
Sample Matrix	: SOIL	Date Extracted	: 07/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250708b-31	Analyst	: AKM
Sample Amount	: 15.09 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-74-9	Chlordane	ND	15.2	6.05	U	R

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:41
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_27	Analyst	: AC
Sample Amount	: 5.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.200	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:41
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_27	Analyst	: AC
Sample Amount	: 5.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:41
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_27	Analyst	: AC
Sample Amount	: 5.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01RE	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 12:18
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250711_48	Analyst	: AC
Sample Amount	: 1.01 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.08	0.462	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.08	0.238	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:50
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_28	Analyst	: AC
Sample Amount	: 5.78 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.050	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:50
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_28	Analyst	: AC
Sample Amount	: 5.78 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:50
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_28	Analyst	: AC
Sample Amount	: 5.78 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:59
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_29	Analyst	: AC
Sample Amount	: 6.42 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.189	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:59
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_29	Analyst	: AC
Sample Amount	: 6.42 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 08:59
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_29	Analyst	: AC
Sample Amount	: 6.42 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:08
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_30	Analyst	: AC
Sample Amount	: 5.19 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:08
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_30	Analyst	: AC
Sample Amount	: 5.19 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:08
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_30	Analyst	: AC
Sample Amount	: 5.19 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_31	Analyst	: AC
Sample Amount	: 6.01 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.796	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.796	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.796	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.796	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.029	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_31	Analyst	: AC
Sample Amount	: 6.01 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.796	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.796	0.029	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.796	0.029	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.796	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/09/25 09:17
Sample Matrix	: SOIL	Date Extracted	: 07/08/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250709_31	Analyst	: AC
Sample Amount	: 6.01 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.995	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 06:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_14	Analyst	: AC
Sample Amount	: 7.26 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 06:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_14	Analyst	: AC
Sample Amount	: 7.26 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 06:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_14	Analyst	: AC
Sample Amount	: 7.26 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 69
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:02
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_15	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.038	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:02
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_15	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:02
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_15	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:11
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_16	Analyst	: AC
Sample Amount	: 6.02 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:11
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_16	Analyst	: AC
Sample Amount	: 6.02 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:11
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_16	Analyst	: AC
Sample Amount	: 6.02 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:20
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_17	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.033	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:20
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_17	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:20
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_17	Analyst	: AC
Sample Amount	: 5.83 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:28
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_18	Analyst	: AC
Sample Amount	: 6.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.796	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.796	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.129	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.796	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.796	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.029	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:28
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_18	Analyst	: AC
Sample Amount	: 6.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.796	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.796	0.029	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.796	0.029	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.796	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:28
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_18	Analyst	: AC
Sample Amount	: 6.46 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.995	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.97	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.97	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:37
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_19	Analyst	: AC
Sample Amount	: 6.54 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.035	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:37
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_19	Analyst	: AC
Sample Amount	: 6.54 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 07:37
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_19	Analyst	: AC
Sample Amount	: 6.54 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:04
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_22	Analyst	: AC
Sample Amount	: 5.94 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.077	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:04
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_22	Analyst	: AC
Sample Amount	: 5.94 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:04
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_22	Analyst	: AC
Sample Amount	: 5.94 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:13
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_23	Analyst	: AC
Sample Amount	: 6.07 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.062	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.024	0.199	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.125	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.057	0.199	0.010	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:13
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_23	Analyst	: AC
Sample Amount	: 6.07 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.428	1.99	0.121	J
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:13
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_23	Analyst	: AC
Sample Amount	: 6.07 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	4.98	0.364	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13D	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 16:58
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 2
Lab File ID	: SCI08_250710_67	Analyst	: AC
Sample Amount	: 6.07 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.386	0.398	0.088	J	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-13RE	**Date Collected**	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/13/25 16:53
Sample Matrix	: SOIL	**Date Extracted**	: 07/12/25
Analytical Method	: 144,1633	**Dilution Factor**	: 1
Lab File ID	: SCI08_250713_17	**Analyst**	: ANH
Sample Amount	: 1.01 g	**Instrument ID**	: LCMS08
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	2.78	1.20	0.512	

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:44
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_26	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.200	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.142	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:44
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_26	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.066	0.200	0.044	J
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:44
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_26	Analyst	: AC
Sample Amount	: 5.52 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2541710-14D	**Date Collected**	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	**Date Received**	: 07/02/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/11/25 11:48
Sample Matrix	: SOIL	**Date Extracted**	: 07/09/25
Analytical Method	: 144,1633	**Dilution Factor**	: 2
Lab File ID	: SCI13_250711_41	**Analyst**	: CAP
Sample Amount	: 5.52 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	0.371	0.400	0.171	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_27	Analyst	: AC
Sample Amount	: 5.77 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.796	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.796	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.796	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.041	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.796	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.029	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	0.170	0.199	0.085	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_27	Analyst	: AC
Sample Amount	: 5.77 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.796	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.796	0.029	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.796	0.029	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.796	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/10/25 08:53
Sample Matrix	: SOIL	Date Extracted	: 07/09/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250710_27	Analyst	: AC
Sample Amount	: 5.77 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.995	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.97	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.97	0.364	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 18:44
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.307g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	1550	8.34	2.71		
7440-36-0	Antimony, Total	ND	4.17	3.21	U	UJ
7440-38-2	Arsenic, Total	3.47	0.834	0.360		
7440-39-3	Barium, Total	63.9	0.834	0.088		
7440-41-7	Beryllium, Total	0.148	0.417	0.046	J	
7440-43-9	Cadmium, Total	0.079	0.834	0.046	J	
7440-70-2	Calcium, Total	1060	8.34	4.73		
7440-47-3	Chromium, Total	4.44	0.834	0.708		
7440-48-4	Cobalt, Total	2.00	1.67	0.207		
7440-50-8	Copper, Total	61.9	0.834	0.189		
7439-89-6	Iron, Total	5800	4.17	0.876		
7439-92-1	Lead, Total	428	4.17	0.198		J+
7439-95-4	Magnesium, Total	382	8.34	1.36		
7439-96-5	Manganese, Total	40.0	0.834	0.447		J-
7440-02-0	Nickel, Total	7.47	2.08	0.674		
7440-09-7	Potassium, Total	261	208	42.3		
7782-49-2	Selenium, Total	0.568	1.67	0.274	J	
7440-22-4	Silver, Total	ND	0.417	0.249	U	
7440-23-5	Sodium, Total	104	167	88.4	J	
7440-28-0	Thallium, Total	ND	1.67	0.752	U	
7440-62-2	Vanadium, Total	7.64	0.834	0.126		
7440-66-6	Zinc, Total	84.8	4.17	0.506		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 18:47
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.292g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	4660	8.95	2.91		
7440-36-0	Antimony, Total	ND	4.47	3.44	U	UJ
7440-38-2	Arsenic, Total	4.65	0.895	0.386		
7440-39-3	Barium, Total	93.5	0.895	0.095		
7440-41-7	Beryllium, Total	0.262	0.447	0.049	J	
7440-43-9	Cadmium, Total	0.063	0.895	0.049	J	
7440-70-2	Calcium, Total	3530	8.95	5.07		
7440-47-3	Chromium, Total	11.8	0.895	0.759		
7440-48-4	Cobalt, Total	4.07	1.79	0.222		
7440-50-8	Copper, Total	17.4	0.895	0.203		
7439-89-6	Iron, Total	10900	4.47	0.940		
7439-92-1	Lead, Total	156	4.47	0.213		J+
7439-95-4	Magnesium, Total	1870	8.95	1.46		
7439-96-5	Manganese, Total	205	0.895	0.480		J-
7440-02-0	Nickel, Total	15.4	2.24	0.723		
7440-09-7	Potassium, Total	614	224	45.4		
7782-49-2	Selenium, Total	0.702	1.79	0.294	J	
7440-22-4	Silver, Total	ND	0.447	0.267	U	
7440-23-5	Sodium, Total	110	179	94.8	J	
7440-28-0	Thallium, Total	ND	1.79	0.807	U	
7440-62-2	Vanadium, Total	13.8	0.895	0.135		
7440-66-6	Zinc, Total	153	4.47	0.542		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 18:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.296g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6060	9.89	3.22		
7440-36-0	Antimony, Total	ND	4.95	3.81	U	UJ
7440-38-2	Arsenic, Total	14.3	0.989	0.427		
7440-39-3	Barium, Total	128	0.989	0.105		
7440-41-7	Beryllium, Total	0.367	0.495	0.054	J	
7440-43-9	Cadmium, Total	ND	0.989	0.054	U	
7440-70-2	Calcium, Total	19900	9.89	5.61		
7440-47-3	Chromium, Total	24.9	0.989	0.839		
7440-48-4	Cobalt, Total	5.74	1.98	0.245		
7440-50-8	Copper, Total	90.2	0.989	0.224		
7439-89-6	Iron, Total	15600	4.95	1.04		
7439-92-1	Lead, Total	766	4.95	0.235		J+
7439-95-4	Magnesium, Total	2620	9.89	1.61		
7439-96-5	Manganese, Total	262	0.989	0.530		J-
7440-02-0	Nickel, Total	21.7	2.47	0.799		
7440-09-7	Potassium, Total	1070	247	50.2		
7782-49-2	Selenium, Total	0.505	1.98	0.325	J	
7440-22-4	Silver, Total	ND	0.495	0.295	U	
7440-23-5	Sodium, Total	190	198	105.	J	
7440-28-0	Thallium, Total	ND	1.98	0.892	U	
7440-62-2	Vanadium, Total	21.2	0.989	0.149		
7440-66-6	Zinc, Total	446	4.95	0.599		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.273g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3400	8.13	2.64		
7440-36-0	Antimony, Total	ND	4.06	3.13	U	UJ
7440-38-2	Arsenic, Total	7.92	0.813	0.351		
7440-39-3	Barium, Total	114	0.813	0.086		
7440-41-7	Beryllium, Total	0.341	0.406	0.045	J	
7440-43-9	Cadmium, Total	0.222	0.813	0.045	J	
7440-70-2	Calcium, Total	11700	8.13	4.61		
7440-47-3	Chromium, Total	8.75	0.813	0.690		
7440-48-4	Cobalt, Total	4.45	1.63	0.202		
7440-50-8	Copper, Total	43.3	0.813	0.184		
7439-89-6	Iron, Total	8230	4.06	0.854		
7439-92-1	Lead, Total	513	4.06	0.194		J+
7439-95-4	Magnesium, Total	4540	8.13	1.32		
7439-96-5	Manganese, Total	294	0.813	0.436		J-
7440-02-0	Nickel, Total	10.5	2.03	0.657		
7440-09-7	Potassium, Total	569	203	41.2		
7782-49-2	Selenium, Total	0.594	1.63	0.268	J	
7440-22-4	Silver, Total	0.347	0.406	0.242	J	
7440-23-5	Sodium, Total	285	163	86.2		
7440-28-0	Thallium, Total	ND	1.63	0.734	U	
7440-62-2	Vanadium, Total	14.0	0.813	0.123		
7440-66-6	Zinc, Total	163	4.06	0.493		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:08
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.285g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3570	9.31	3.02		
7440-36-0	Antimony, Total	ND	4.65	3.58	U	UJ
7440-38-2	Arsenic, Total	3.15	0.931	0.402		
7440-39-3	Barium, Total	50.4	0.931	0.099		
7440-41-7	Beryllium, Total	0.200	0.465	0.051	J	
7440-43-9	Cadmium, Total	ND	0.931	0.051	U	
7440-70-2	Calcium, Total	24400	9.31	5.28		
7440-47-3	Chromium, Total	9.24	0.931	0.789		
7440-48-4	Cobalt, Total	2.03	1.86	0.231		
7440-50-8	Copper, Total	25.4	0.931	0.211		
7439-89-6	Iron, Total	10300	4.65	0.977		
7439-92-1	Lead, Total	122	4.65	0.222		J+
7439-95-4	Magnesium, Total	1480	9.31	1.52		
7439-96-5	Manganese, Total	182	0.931	0.499		J-
7440-02-0	Nickel, Total	6.86	2.33	0.752		
7440-09-7	Potassium, Total	741	233	47.2		
7782-49-2	Selenium, Total	ND	1.86	0.306	U	
7440-22-4	Silver, Total	ND	0.465	0.277	U	
7440-23-5	Sodium, Total	481	186	98.7		
7440-28-0	Thallium, Total	ND	1.86	0.840	U	
7440-62-2	Vanadium, Total	10.2	0.931	0.140		
7440-66-6	Zinc, Total	68.0	4.65	0.564		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:11
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.306g	%Solids	: 69
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	1060	11.1	3.60		
7440-36-0	Antimony, Total	ND	5.54	4.27	U	UJ
7440-38-2	Arsenic, Total	5.22	1.11	0.479		
7440-39-3	Barium, Total	73.3	1.11	0.117		
7440-41-7	Beryllium, Total	0.104	0.554	0.061	J	
7440-43-9	Cadmium, Total	0.394	1.11	0.061	J	
7440-70-2	Calcium, Total	693	11.1	6.28		
7440-47-3	Chromium, Total	4.76	1.11	0.940		
7440-48-4	Cobalt, Total	1.62	2.22	0.275	J	
7440-50-8	Copper, Total	32.7	1.11	0.252		
7439-89-6	Iron, Total	4080	5.54	1.16		
7439-92-1	Lead, Total	228	5.54	0.264		J+
7439-95-4	Magnesium, Total	291	11.1	1.81		
7439-96-5	Manganese, Total	36.7	1.11	0.594		J-
7440-02-0	Nickel, Total	5.06	2.77	0.895		
7440-09-7	Potassium, Total	197	277	56.2	J	
7782-49-2	Selenium, Total	0.599	2.22	0.364	J	
7440-22-4	Silver, Total	0.724	0.554	0.330		
7440-23-5	Sodium, Total	ND	222	117.	U	
7440-28-0	Thallium, Total	ND	2.22	1.00	U	
7440-62-2	Vanadium, Total	5.90	1.11	0.167		
7440-66-6	Zinc, Total	112	5.54	0.672		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:15
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.323g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2600	8.78	2.85		
7440-36-0	Antimony, Total	ND	4.39	3.38	U	UJ
7440-38-2	Arsenic, Total	3.56	0.878	0.379		
7440-39-3	Barium, Total	65.6	0.878	0.093		
7440-41-7	Beryllium, Total	0.151	0.439	0.048	J	
7440-43-9	Cadmium, Total	ND	0.878	0.048	U	
7440-70-2	Calcium, Total	24200	8.78	4.98		
7440-47-3	Chromium, Total	7.18	0.878	0.744		
7440-48-4	Cobalt, Total	2.53	1.76	0.218		
7440-50-8	Copper, Total	22.1	0.878	0.199		
7439-89-6	Iron, Total	6460	4.39	0.922		
7439-92-1	Lead, Total	140	4.39	0.209		J+
7439-95-4	Magnesium, Total	2550	8.78	1.43		
7439-96-5	Manganese, Total	421	0.878	0.470		J-
7440-02-0	Nickel, Total	10.7	2.19	0.709		
7440-09-7	Potassium, Total	447	219	44.5		
7782-49-2	Selenium, Total	ND	1.76	0.289	U	
7440-22-4	Silver, Total	ND	0.439	0.262	U	
7440-23-5	Sodium, Total	150	176	93.0	J	
7440-28-0	Thallium, Total	ND	1.76	0.792	U	
7440-62-2	Vanadium, Total	11.0	0.878	0.132		
7440-66-6	Zinc, Total	53.7	4.39	0.532		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:18
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.264g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3930	9.50	3.09		
7440-36-0	Antimony, Total	ND	4.75	3.66	U	UJ
7440-38-2	Arsenic, Total	6.75	0.950	0.410		
7440-39-3	Barium, Total	92.3	0.950	0.101		
7440-41-7	Beryllium, Total	0.231	0.475	0.052	J	
7440-43-9	Cadmium, Total	ND	0.950	0.052	U	
7440-70-2	Calcium, Total	24600	9.50	5.38		
7440-47-3	Chromium, Total	14.8	0.950	0.805		
7440-48-4	Cobalt, Total	2.97	1.90	0.236		
7440-50-8	Copper, Total	37.3	0.950	0.216		
7439-89-6	Iron, Total	8750	4.75	0.997		
7439-92-1	Lead, Total	563	4.75	0.226		J+
7439-95-4	Magnesium, Total	1270	9.50	1.55		
7439-96-5	Manganese, Total	143	0.950	0.509		J-
7440-02-0	Nickel, Total	10.6	2.37	0.767		
7440-09-7	Potassium, Total	641	237	48.2		
7782-49-2	Selenium, Total	0.826	1.90	0.312	J	
7440-22-4	Silver, Total	0.487	0.475	0.283		
7440-23-5	Sodium, Total	531	190	101.		
7440-28-0	Thallium, Total	ND	1.90	0.857	U	
7440-62-2	Vanadium, Total	13.2	0.950	0.143		
7440-66-6	Zinc, Total	95.4	4.75	0.576		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:22
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.311g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3980	8.89	2.89		
7440-36-0	Antimony, Total	ND	4.44	3.42	U	UJ
7440-38-2	Arsenic, Total	7.24	0.889	0.384		
7440-39-3	Barium, Total	148	0.889	0.094		
7440-41-7	Beryllium, Total	0.266	0.444	0.049	J	
7440-43-9	Cadmium, Total	ND	0.889	0.049	U	
7440-70-2	Calcium, Total	11300	8.89	5.04		
7440-47-3	Chromium, Total	12.2	0.889	0.754		
7440-48-4	Cobalt, Total	4.86	1.78	0.220		
7440-50-8	Copper, Total	58.9	0.889	0.202		
7439-89-6	Iron, Total	11400	4.44	0.933		
7439-92-1	Lead, Total	2570	4.44	0.212		J+
7439-95-4	Magnesium, Total	2080	8.89	1.45		
7439-96-5	Manganese, Total	188	0.889	0.476		J-
7440-02-0	Nickel, Total	18.6	2.22	0.718		
7440-09-7	Potassium, Total	766	222	45.1		
7782-49-2	Selenium, Total	1.03	1.78	0.292	J	
7440-22-4	Silver, Total	ND	0.444	0.265	U	
7440-23-5	Sodium, Total	234	178	94.2		
7440-28-0	Thallium, Total	ND	1.78	0.802	U	
7440-62-2	Vanadium, Total	14.2	0.889	0.134		
7440-66-6	Zinc, Total	151	4.44	0.539		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 20:06
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.297g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-92-1	Lead, Total	10000	24.8	1.18	J+

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:25
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.297g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	4820	9.91	3.22		
7440-36-0	Antimony, Total	ND	4.96	3.82	U	UJ
7440-38-2	Arsenic, Total	11.8	0.991	0.428		
7440-39-3	Barium, Total	647	0.991	0.105		
7440-41-7	Beryllium, Total	0.262	0.496	0.055	J	
7440-43-9	Cadmium, Total	ND	0.991	0.055	U	
7440-70-2	Calcium, Total	29700	9.91	5.62		
7440-47-3	Chromium, Total	69.6	0.991	0.840		
7440-48-4	Cobalt, Total	5.96	1.98	0.246		
7440-50-8	Copper, Total	89.4	0.991	0.225		
7439-89-6	Iron, Total	20700	4.96	1.04		
7439-95-4	Magnesium, Total	1710	9.91	1.62		
7439-96-5	Manganese, Total	189	0.991	0.531		J-
7440-02-0	Nickel, Total	14.9	2.48	0.801		
7440-09-7	Potassium, Total	838	248	50.2		
7782-49-2	Selenium, Total	1.12	1.98	0.326	J	
7440-22-4	Silver, Total	0.679	0.496	0.295		
7440-23-5	Sodium, Total	362	198	105.		
7440-28-0	Thallium, Total	ND	1.98	0.894	U	
7440-62-2	Vanadium, Total	15.9	0.991	0.150		
7440-66-6	Zinc, Total	266	4.96	0.600		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 18:27
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.279g	%Solids	: 77
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	1130	10.2	3.32		
7440-36-0	Antimony, Total	ND	5.11	3.93	U	UJ
7440-38-2	Arsenic, Total	4.78	1.02	0.442		
7440-39-3	Barium, Total	42.3	1.02	0.108		
7440-41-7	Beryllium, Total	0.077	0.511	0.056	J	
7440-43-9	Cadmium, Total	0.122	1.02	0.056	J	
7440-70-2	Calcium, Total	1880	10.2	5.79		
7440-47-3	Chromium, Total	4.60	1.02	0.867		
7440-48-4	Cobalt, Total	3.16	2.04	0.253		
7440-50-8	Copper, Total	33.7	1.02	0.232		
7439-89-6	Iron, Total	4430	5.11	1.07		
7439-92-1	Lead, Total	134	5.11	0.243		J+
7439-95-4	Magnesium, Total	326	10.2	1.66		
7439-96-5	Manganese, Total	103	1.02	0.548		J-
7440-02-0	Nickel, Total	8.57	2.56	0.826		
7440-09-7	Potassium, Total	455	256	51.8		
7782-49-2	Selenium, Total	1.42	2.04	0.336	J	
7440-22-4	Silver, Total	ND	0.511	0.304	U	
7440-23-5	Sodium, Total	340	204	108.		
7440-28-0	Thallium, Total	ND	2.04	0.922	U	
7440-62-2	Vanadium, Total	9.26	1.02	0.154		
7440-66-6	Zinc, Total	59.9	5.11	0.619		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:28
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.268g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	946	9.34	3.04		
7440-36-0	Antimony, Total	ND	4.67	3.60	U	UJ
7440-38-2	Arsenic, Total	1.88	0.934	0.404		
7440-39-3	Barium, Total	44.2	0.934	0.099		
7440-41-7	Beryllium, Total	0.084	0.467	0.051	J	
7440-43-9	Cadmium, Total	ND	0.934	0.051	U	
7440-70-2	Calcium, Total	13200	9.34	5.30		
7440-47-3	Chromium, Total	3.34	0.934	0.792		
7440-48-4	Cobalt, Total	2.24	1.87	0.232		
7440-50-8	Copper, Total	5.06	0.934	0.212		
7439-89-6	Iron, Total	4990	4.67	0.981		
7439-92-1	Lead, Total	273	4.67	0.222		J+
7439-95-4	Magnesium, Total	698	9.34	1.52		
7439-96-5	Manganese, Total	215	0.934	0.501		J-
7440-02-0	Nickel, Total	5.64	2.34	0.755		
7440-09-7	Potassium, Total	115	234	47.4	J	
7782-49-2	Selenium, Total	ND	1.87	0.307	U	
7440-22-4	Silver, Total	ND	0.467	0.278	U	
7440-23-5	Sodium, Total	ND	187	99.0	U	
7440-28-0	Thallium, Total	ND	1.87	0.843	U	
7440-62-2	Vanadium, Total	3.71	0.934	0.141		
7440-66-6	Zinc, Total	145	4.67	0.566		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:32
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.294g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2040	9.34	3.04		
7440-36-0	Antimony, Total	ND	4.67	3.60	U	UJ
7440-38-2	Arsenic, Total	7.60	0.934	0.404		
7440-39-3	Barium, Total	128	0.934	0.099		
7440-41-7	Beryllium, Total	0.165	0.467	0.051	J	
7440-43-9	Cadmium, Total	0.413	0.934	0.051	J	
7440-70-2	Calcium, Total	4650	9.34	5.30		
7440-47-3	Chromium, Total	7.08	0.934	0.792		
7440-48-4	Cobalt, Total	3.51	1.87	0.232		
7440-50-8	Copper, Total	64.8	0.934	0.212		
7439-89-6	Iron, Total	10300	4.67	0.981		
7439-92-1	Lead, Total	1360	4.67	0.222		J+
7439-95-4	Magnesium, Total	685	9.34	1.52		
7439-96-5	Manganese, Total	80.9	0.934	0.501		J-
7440-02-0	Nickel, Total	10.4	2.34	0.755		
7440-09-7	Potassium, Total	287	234	47.4		
7782-49-2	Selenium, Total	0.697	1.87	0.307	J	
7440-22-4	Silver, Total	ND	0.467	0.278	U	
7440-23-5	Sodium, Total	283	187	99.0		
7440-28-0	Thallium, Total	ND	1.87	0.843	U	
7440-62-2	Vanadium, Total	9.07	0.934	0.141		
7440-66-6	Zinc, Total	91.5	4.67	0.566		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 19:35
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.293g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	4140	8.54	2.77		
7440-36-0	Antimony, Total	ND	4.27	3.29	U	UJ
7440-38-2	Arsenic, Total	5.46	0.854	0.369		
7440-39-3	Barium, Total	70.0	0.854	0.091		
7440-41-7	Beryllium, Total	0.310	0.427	0.047	J	
7440-43-9	Cadmium, Total	0.089	0.854	0.047	J	
7440-70-2	Calcium, Total	1470	8.54	4.84		
7440-47-3	Chromium, Total	7.81	0.854	0.724		
7440-48-4	Cobalt, Total	3.76	1.71	0.212		
7440-50-8	Copper, Total	16.0	0.854	0.194		
7439-89-6	Iron, Total	8660	4.27	0.896		
7439-92-1	Lead, Total	244	4.27	0.203		J+
7439-95-4	Magnesium, Total	1100	8.54	1.39		
7439-96-5	Manganese, Total	137	0.854	0.458		J-
7440-02-0	Nickel, Total	8.50	2.13	0.690		
7440-09-7	Potassium, Total	494	213	43.3		
7782-49-2	Selenium, Total	ND	1.71	0.281	U	
7440-22-4	Silver, Total	ND	0.427	0.254	U	
7440-23-5	Sodium, Total	455	171	90.5		
7440-28-0	Thallium, Total	ND	1.71	0.770	U	
7440-62-2	Vanadium, Total	14.1	0.854	0.129		
7440-66-6	Zinc, Total	87.9	4.27	0.517		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 20:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EFM
Lab File ID	: WG2089843.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.318g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 07/11/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4840	8.71	2.83	
7440-36-0	Antimony, Total	6.78	4.36	3.35	J-
7440-38-2	Arsenic, Total	18.4	0.871	0.376	
7440-39-3	Barium, Total	219	0.871	0.092	
7440-41-7	Beryllium, Total	0.340	0.436	0.048	J
7440-43-9	Cadmium, Total	1.30	0.871	0.048	
7440-70-2	Calcium, Total	6570	8.71	4.94	
7440-47-3	Chromium, Total	20.0	0.871	0.739	
7440-48-4	Cobalt, Total	8.83	1.74	0.216	
7440-50-8	Copper, Total	181	0.871	0.198	
7439-89-6	Iron, Total	23500	4.36	0.915	
7439-92-1	Lead, Total	1350	4.36	0.207	J+
7439-95-4	Magnesium, Total	1230	8.71	1.42	
7439-96-5	Manganese, Total	160	0.871	0.467	J-
7440-02-0	Nickel, Total	21.4	2.18	0.704	
7440-09-7	Potassium, Total	1060	218	44.2	
7782-49-2	Selenium, Total	0.831	1.74	0.286	J
7440-22-4	Silver, Total	0.707	0.436	0.260	
7440-23-5	Sodium, Total	725	174	92.3	
7440-28-0	Thallium, Total	ND	1.74	0.786	U
7440-62-2	Vanadium, Total	20.8	0.871	0.132	
7440-66-6	Zinc, Total	278	4.36	0.528	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-01	Date Collected	: 07/02/25 11:10
Client ID	: 25SB-1 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.317g	%Solids	: 92
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.324	0.086	0.056	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-02	Date Collected	: 07/02/25 11:40
Client ID	: 25SB-1 (9-11)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:23
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.331g	%Solids	: 87
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	5.12	0.175	0.114	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-03	Date Collected	: 07/02/25 11:20
Client ID	: 25SB-1 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:26
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.394g	%Solids	: 78
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	9.05	0.813	0.530	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-04	Date Collected	: 07/02/25 10:00
Client ID	: 25SB-2 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.354g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.905	0.073	0.048	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-05	Date Collected	: 07/02/25 10:25
Client ID	: 25SB-2 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.383g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.126	0.078	0.051	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-06	Date Collected	: 07/02/25 08:50
Client ID	: 25SB-3 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.33g	%Solids	: 69
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.37	0.110	0.072	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-07	Date Collected	: 07/02/25 09:00
Client ID	: 25SB-3 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.334g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.690	0.087	0.057	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-08	Date Collected	: 07/02/25 09:30
Client ID	: 25SB-4 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.309g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	2.56	0.097	0.063	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-09	Date Collected	: 07/02/25 09:40
Client ID	: 25SB-4 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:30
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.373g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	3.29	0.156	0.102	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-10	Date Collected	: 07/02/25 09:50
Client ID	: 25SB-4 (12-13)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.349g	%Solids	: 78
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	6.82	0.184	0.120	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-11	Date Collected	: 07/02/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.329g	%Solids	: 77
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.354	0.099	0.065	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-12	Date Collected	: 07/02/25 08:20
Client ID	: 25SB-5 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.309g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	3.68	0.096	0.063	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-13	Date Collected	: 07/02/25 12:10
Client ID	: 25SB-6 (0-2)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.318g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.68	0.095	0.062	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-14	Date Collected	: 07/02/25 12:25
Client ID	: 25SB-6 (7-9)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.312g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.853	0.088	0.058	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2541710-15	Date Collected	: 07/02/25 12:20
Client ID	: 25SB-6 (11-12)	Date Received	: 07/02/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 07:05
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2090033.pdf	Instrument ID	: NIC2
Sample Amount	: 0.332g	%Solids	: 87
Digestion Method	: EPA 7471B	Date Digested	: 07/12/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	6.34	0.173	0.113	

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2541710

15 Soil Samples and 1 Trip Blank
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for VOA110 on 07-01-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 07-14-25 (V10250714B01). The RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 07-15-25 (V10250715A01). The %Ds for 15 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-14-25 (V10250714B01). The %Ds for 14 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-15-25 (V10250715A01). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-15-25 (V23250715A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 15 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-14-25 (V10250714B01). The %Ds for 14 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-

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15-25 (V10250715A01). The %Ds for 6 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-15-25 (V23250715A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2090855-5BLANK contained a trace of bromomethane (0.66 ug/kg). Method blank WG2090856-5BLANK contained a trace of bromomethane (33 ug/kg). Positive results for bromomethane and styrene that are less than 5 times the field blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: One of four surrogate recoveries for samples 25SB-1 (9-11), 25SB-6 (0-2), and 25SB-6 (11-12) were above control limits. Positive results should be considered estimated, biased high (J+) in the samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 5 compounds (highlighted yellow on attached Form 3) were above the allowable maximum; 1 or 2 percent recoveries (%Rs) for 5 compounds (highlighted yellow on attached Form 3) were above QC limits; and 1 or 2 %Rs for 20 compounds (highlighted yellow on attached Form 3) were below QC limits, but not below 10% for soil MS/MSD sample 25SB-5 (0-2). The "not detected" results for the 20 compounds with %Rs that are below QC limits should be considered estimated (UJ) in sample 25SB-5 (0-2).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 1 of 2 percent recoveries (%Rs) for methyl cyclohexane was above QC limits for soil samples WG2090855-3/4 and WG2090856-3/4. Positive results for methyl cyclohexane should be considered estimated, biased high (J+) in associated soil samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for 2-hexanone were below QC limits, but not below 10% for soil samples WG2090945-3/4 and WG2090947-3/4. Positive results for 2-hexanone should be considered estimated, biased low (J-) and "not detected" results estimated (J) in associated soil samples.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Surrogate Recovery Summary
Form 2
Volatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
25SB-1 (0-2) (L2541710-01)	119	90	108	114	0
25SB-1 (9-11) (L2541710-02)	122	83	151*	117	1
25SB-1 (12-13) (L2541710-03)	89	95	86	89	0
25SB-2 (0-2) (L2541710-04)	119	86	104	114	0
25SB-2 (12-13) (L2541710-05)	117	88	98	105	0
25SB-3 (0-2) (L2541710-06)	117	89	105	114	0
25SB-3 (12-13) (L2541710-07)	117	89	104	111	0
25SB-4 (0-2) (L2541710-08)	120	87	101	115	0
25SB-4 (7-9) (L2541710-09)	119	88	100	116	0
25SB-4 (12-13) (L2541710-10)	121	87	100	116	0
25SB-5 (0-2) (L2541710-11)	123	88	99	118	0
25SB-5 (11-12) (L2541710-12)	118	87	101	116	0
25SB-6 (0-2) (L2541710-13)	91	93	132*	91	1
25SB-6 (7-9) (L2541710-14)	121	84	99	117	0
25SB-6 (11-12) (L2541710-15)	109	87	144*	106	1
TRIP BLANK (L2541710-16)	90	94	80	90	0
TRIP BLANK (L2541710-16)	119	89	99	115	0
WG2090855-10LCS	108	89	97	106	0
WG2090855-11LCSD	112	88	96	107	0
WG2090855-12BLANK	113	85	99	108	0
WG2090855-3LCS	107	89	96	102	0
WG2090855-4LCSD	108	90	95	104	0
WG2090855-5BLANK	111	89	97	108	0
25SB-5 (0-2)MS	116	88	101	109	0
25SB-5 (0-2)MSD	116	86	98	107	0
WG2090856-3LCS	107	89	96	102	0
WG2090856-4LCSD	108	90	95	104	0
WG2090856-5BLANK	111	89	98	108	0

QC LIMITS
(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2090855-3	Analysis Date : 07/14/25 11:45	File ID : V10250714B01
LCSD Sample ID	: WG2090855-4	Analysis Date : 07/14/25 12:12	File ID : V10250714B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	45	112	40	45	112	0	70-130	30
1,1-Dichloroethane	40	47	116	40	47	118	2	70-130	30
Chloroform	40	45	112	40	45	113	1	70-130	30
Carbon tetrachloride	40	50	125	40	50	126	1	70-130	30
1,2-Dichloropropane	40	45	112	40	46	115	3	70-130	30
Dibromochloromethane	40	37	92	40	37	93	1	70-130	30
1,1,2-Trichloroethane	40	36	90	40	37	92	2	70-130	30
Tetrachloroethene	40	42	104	40	42	105	1	70-130	30
Chlorobenzene	40	37	93	40	37	94	1	70-130	30
Trichlorofluoromethane	40	54	135	40	55	138	2	70-139	30
1,2-Dichloroethane	40	45	114	40	47	117	3	70-130	30
1,1,1-Trichloroethane	40	50	126	40	51	127	1	70-130	30
Bromodichloromethane	40	46	115	40	47	117	2	70-130	30
trans-1,3-Dichloropropene	40	39	97	40	39	98	1	70-130	30
cis-1,3-Dichloropropene	40	49	122	40	50	124	2	70-130	30
Bromoform	40	32	80	40	33	82	2	70-130	30
1,1,2,2-Tetrachloroethane	40	33	81	40	33	83	2	70-130	30
Benzene	40	47	118	40	48	120	2	70-130	30
Toluene	40	35	88	40	35	89	1	70-130	30
Ethylbenzene	40	39	96	40	39	97	1	70-130	30
Chloromethane	40	45	112	40	44	110	2	52-130	30
Bromomethane	40	47	117	40	47	118	1	57-147	30
Vinyl chloride	40	50	126	40	50	125	1	67-130	30
Chloroethane	40	51	127	40	51	128	1	50-151	30
1,1-Dichloroethene	40	49	122	40	49	123	1	65-135	30
trans-1,2-Dichloroethene	40	47	117	40	46	116	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Vektor Consultants, LLC
Project Name : 601-607 UNION ST
Matrix (Level) : SOIL (LOW)
LCS Sample ID : WG2090855-3 Analysis Date : 07/14/25 11:45 File ID : V10250714B01
LCSD Sample ID : WG2090855-4 Analysis Date : 07/14/25 12:12 File ID : V10250714B02
Lab Number : L2541710
Project Number : 25030019

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	49	122	40	49	123	1	70-130	30
1,2-Dichlorobenzene	40	35	87	40	36	90	3	70-130	30
1,3-Dichlorobenzene	40	35	88	40	36	90	2	70-130	30
1,4-Dichlorobenzene	40	35	87	40	36	89	2	70-130	30
Methyl tert butyl ether	40	43	108	40	44	110	2	66-130	30
p/m-Xylene	80	79	99	80	79	98	1	70-130	30
o-Xylene	80	79	98	80	80	100	2	70-130	30
cis-1,2-Dichloroethene	40	45	112	40	45	113	1	70-130	30
Styrene	80	79	99	80	80	100	1	70-130	30
Dichlorodifluoromethane	40	43	107	40	43	108	1	30-146	30
Acetone	40	37	92	40	35	88	4	54-140	30
Carbon disulfide	40	49	121	40	48	120	1	59-130	30
2-Butanone	40	38	96	40	40	100	4	70-130	30
4-Methyl-2-pentanone	40	35	87	40	36	90	3	70-130	30
2-Hexanone	40	29	72	40	30	75	4	70-130	30
Bromochloromethane	40	45	111	40	45	112	1	70-130	30
1,2-Dibromoethane	40	37	94	40	38	94	0	70-130	30
1,2-Dibromo-3-chloropropane	40	31	78	40	32	81	4	68-130	30
Isopropylbenzene	40	36	90	40	37	92	2	70-130	30
1,2,3-Trichlorobenzene	40	35	88	40	36	90	2	70-130	30
1,2,4-Trichlorobenzene	40	36	90	40	36	90	0	70-130	30
Methyl Acetate	40	38	96	40	39	98	2	51-146	30
Cyclohexane	40	51	128	40	52	130	2	59-142	30
1,4-Dioxane	2000	2100	106	2000	2300	114	7	65-136	30
Freon-113	40	54	135	40	55	137	1	50-139	30
Methyl cyclohexane	40	52	129	40	52	131 Q	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2090856-3	Analysis Date : 07/14/25 11:45	File ID : V10250714B01
LCSD Sample ID	: WG2090856-4	Analysis Date : 07/14/25 12:12	File ID : V10250714B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2300	112	2000	2200	112	0	70-130	30
1,1-Dichloroethane	2000	2300	116	2000	2400	118	2	70-130	30
Chloroform	2000	2200	112	2000	2300	113	1	70-130	30
Carbon tetrachloride	2000	2500	125	2000	2500	126	1	70-130	30
1,2-Dichloropropane	2000	2200	112	2000	2300	115	3	70-130	30
Dibromochloromethane	2000	1800	92	2000	1900	93	1	70-130	30
1,1,2-Trichloroethane	2000	1800	90	2000	1800	92	2	70-130	30
Tetrachloroethene	2000	2100	104	2000	2100	105	1	70-130	30
Chlorobenzene	2000	1900	93	2000	1900	94	1	70-130	30
Trichlorofluoromethane	2000	2700	135	2000	2800	138	2	70-139	30
1,2-Dichloroethane	2000	2300	114	2000	2300	117	3	70-130	30
1,1,1-Trichloroethane	2000	2500	126	2000	2500	127	1	70-130	30
Bromodichloromethane	2000	2300	115	2000	2400	117	2	70-130	30
trans-1,3-Dichloropropene	2000	1900	97	2000	2000	98	1	70-130	30
cis-1,3-Dichloropropene	2000	2400	122	2000	2500	124	2	70-130	30
Bromoform	2000	1600	80	2000	1600	82	2	70-130	30
1,1,2,2-Tetrachloroethane	2000	1600	81	2000	1700	83	2	70-130	30
Benzene	2000	2400	118	2000	2400	120	2	70-130	30
Toluene	2000	1800	88	2000	1800	89	1	70-130	30
Ethylbenzene	2000	1900	96	2000	1900	97	1	70-130	30
Chloromethane	2000	2200	112	2000	2200	110	2	52-130	30
Bromomethane	2000	2300	117	2000	2400	118	1	57-147	30
Vinyl chloride	2000	2500	126	2000	2500	125	1	67-130	30
Chloroethane	2000	2500	127	2000	2600	128	1	50-151	30
1,1-Dichloroethene	2000	2400	122	2000	2500	123	1	65-135	30
trans-1,2-Dichloroethene	2000	2300	117	2000	2300	116	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2090856-3	Analysis Date : 07/14/25 11:45	File ID : V10250714B01
LCSD Sample ID	: WG2090856-4	Analysis Date : 07/14/25 12:12	File ID : V10250714B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2400	122	2000	2500	123	1	70-130	30
1,2-Dichlorobenzene	2000	1800	87	2000	1800	90	3	70-130	30
1,3-Dichlorobenzene	2000	1800	88	2000	1800	90	2	70-130	30
1,4-Dichlorobenzene	2000	1800	87	2000	1800	89	2	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2200	110	2	66-130	30
p/m-Xylene	4000	4000	99	4000	3900	98	1	70-130	30
o-Xylene	4000	3900	98	4000	4000	100	2	70-130	30
cis-1,2-Dichloroethene	2000	2200	112	2000	2300	113	1	70-130	30
Styrene	4000	4000	99	4000	4000	100	1	70-130	30
Dichlorodifluoromethane	2000	2100	107	2000	2200	108	1	30-146	30
Acetone	2000	1800	92	2000	1800	88	4	54-140	30
Carbon disulfide	2000	2400	121	2000	2400	120	1	59-130	30
2-Butanone	2000	1900	96	2000	2000	100	4	70-130	30
4-Methyl-2-pentanone	2000	1700	87	2000	1800	90	3	70-130	30
2-Hexanone	2000	1400	72	2000	1500	75	4	70-130	30
Bromochloromethane	2000	2200	111	2000	2200	112	1	70-130	30
1,2-Dibromoethane	2000	1900	94	2000	1900	94	0	70-130	30
1,2-Dibromo-3-chloropropane	2000	1600	78	2000	1600	81	4	68-130	30
Isopropylbenzene	2000	1800	90	2000	1800	92	2	70-130	30
1,2,3-Trichlorobenzene	2000	1800	88	2000	1800	90	2	70-130	30
1,2,4-Trichlorobenzene	2000	1800	90	2000	1800	90	0	70-130	30
Methyl Acetate	2000	1900	96	2000	2000	98	2	51-146	30
Cyclohexane	2000	2600	128	2000	2600	130	2	59-142	30
1,4-Dioxane	100000	110000	106	100000	110000	114	7	65-136	30
Freon-113	2000	2700	135	2000	2700	137	1	50-139	30
Methyl cyclohexane	2000	2600	129	2000	2600	131 Q	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2090945-3	Analysis Date : 07/15/25 07:54	File ID : V23250715A01
LCSD Sample ID	: WG2090945-4	Analysis Date : 07/15/25 08:20	File ID : V23250715A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	36	90	40	34	84	7	70-130	30
1,1-Dichloroethane	40	36	89	40	33	82	8	70-130	30
Chloroform	40	38	95	40	35	87	9	70-130	30
Carbon tetrachloride	40	39	98	40	36	90	9	70-130	30
1,2-Dichloropropane	40	34	86	40	33	81	6	70-130	30
Dibromochloromethane	40	36	89	40	34	85	5	70-130	30
1,1,2-Trichloroethane	40	35	88	40	34	84	5	70-130	30
Tetrachloroethene	40	42	104	40	38	95	9	70-130	30
Chlorobenzene	40	37	93	40	35	86	8	70-130	30
Trichlorofluoromethane	40	49	122	40	44	110	10	70-139	30
1,2-Dichloroethane	40	34	86	40	33	83	4	70-130	30
1,1,1-Trichloroethane	40	41	101	40	37	93	8	70-130	30
Bromodichloromethane	40	37	91	40	35	88	3	70-130	30
trans-1,3-Dichloropropene	40	36	89	40	34	84	6	70-130	30
cis-1,3-Dichloropropene	40	38	94	40	36	90	4	70-130	30
Bromoform	40	34	84	40	34	84	0	70-130	30
1,1,2,2-Tetrachloroethane	40	32	80	40	31	77	4	70-130	30
Benzene	40	37	93	40	35	88	6	70-130	30
Toluene	40	36	91	40	33	83	9	70-130	30
Ethylbenzene	40	38	95	40	35	87	9	70-130	30
Chloromethane	40	34	85	40	30	76	11	52-130	30
Bromomethane	40	48	120	40	43	107	11	57-147	30
Vinyl chloride	40	36	90	40	32	81	11	67-130	30
Chloroethane	40	38	96	40	35	88	9	50-151	30
1,1-Dichloroethene	40	39	98	40	35	88	11	65-135	30
trans-1,2-Dichloroethene	40	39	96	40	35	88	9	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2090945-3	Analysis Date : 07/15/25 07:54	File ID : V23250715A01
LCSD Sample ID	: WG2090945-4	Analysis Date : 07/15/25 08:20	File ID : V23250715A02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Trichloroethene	40	39	98		40	36	90		9	70-130	30
1,2-Dichlorobenzene	40	36	90		40	35	87		3	70-130	30
1,3-Dichlorobenzene	40	38	95		40	36	90		5	70-130	30
1,4-Dichlorobenzene	40	37	92		40	35	87		6	70-130	30
Methyl tert butyl ether	40	36	90		40	34	86		5	66-130	30
p/m-Xylene	80	78	98		80	72	89		10	70-130	30
o-Xylene	80	75	94		80	70	87		8	70-130	30
cis-1,2-Dichloroethene	40	38	94		40	35	88		7	70-130	30
Styrene	80	77	96		80	72	90		6	70-130	30
Dichlorodifluoromethane	40	37	94		40	33	83		12	30-146	30
Acetone	40	33	82		40	32	79		4	54-140	30
Carbon disulfide	40	36	90		40	32	81		11	59-130	30
2-Butanone	40	30	74		40	29	74		0	70-130	30
4-Methyl-2-pentanone	40	29	72		40	28	71		1	70-130	30
2-Hexanone	40	28	69	Q	40	26	64	Q	8	70-130	30
Bromochloromethane	40	38	95		40	37	92		3	70-130	30
1,2-Dibromoethane	40	38	94		40	37	92		2	70-130	30
1,2-Dibromo-3-chloropropane	40	30	76		40	31	76		0	68-130	30
Isopropylbenzene	40	37	94		40	35	87		8	70-130	30
1,2,3-Trichlorobenzene	40	38	95		40	37	92		3	70-130	30
1,2,4-Trichlorobenzene	40	41	101		40	39	97		4	70-130	30
Methyl Acetate	40	33	82		40	32	79		4	51-146	30
Cyclohexane	40	34	86		40	31	78		10	59-142	30
1,4-Dioxane	2000	1600	80		2000	1600	78		3	65-136	30
Freon-113	40	42	104		40	37	93		11	50-139	30
Methyl cyclohexane	40	40	99		40	36	90		10	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2090947-3	Analysis Date : 07/15/25 07:54	File ID : V23250715A01
LCSD Sample ID	: WG2090947-4	Analysis Date : 07/15/25 08:20	File ID : V23250715A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1800	90	2000	1700	84	7	70-130	30
1,1-Dichloroethane	2000	1800	89	2000	1600	82	8	70-130	30
Chloroform	2000	1900	95	2000	1700	87	9	70-130	30
Carbon tetrachloride	2000	2000	98	2000	1800	90	9	70-130	30
1,2-Dichloropropane	2000	1700	86	2000	1600	81	6	70-130	30
Dibromochloromethane	2000	1800	89	2000	1700	85	5	70-130	30
1,1,2-Trichloroethane	2000	1800	88	2000	1700	84	5	70-130	30
Tetrachloroethene	2000	2100	104	2000	1900	95	9	70-130	30
Chlorobenzene	2000	1900	93	2000	1700	86	8	70-130	30
Trichlorofluoromethane	2000	2400	122	2000	2200	110	10	70-139	30
1,2-Dichloroethane	2000	1700	86	2000	1700	83	4	70-130	30
1,1,1-Trichloroethane	2000	2000	101	2000	1900	93	8	70-130	30
Bromodichloromethane	2000	1800	91	2000	1800	88	3	70-130	30
trans-1,3-Dichloropropene	2000	1800	89	2000	1700	84	6	70-130	30
cis-1,3-Dichloropropene	2000	1900	94	2000	1800	90	4	70-130	30
Bromoform	2000	1700	84	2000	1700	84	0	70-130	30
1,1,2,2-Tetrachloroethane	2000	1600	80	2000	1600	77	4	70-130	30
Benzene	2000	1900	93	2000	1800	88	6	70-130	30
Toluene	2000	1800	91	2000	1700	83	9	70-130	30
Ethylbenzene	2000	1900	95	2000	1800	87	9	70-130	30
Chloromethane	2000	1700	85	2000	1500	76	11	52-130	30
Bromomethane	2000	2400	120	2000	2100	107	11	57-147	30
Vinyl chloride	2000	1800	90	2000	1600	81	11	67-130	30
Chloroethane	2000	1900	96	2000	1800	88	9	50-151	30
1,1-Dichloroethene	2000	2000	98	2000	1800	88	11	65-135	30
trans-1,2-Dichloroethene	2000	1900	96	2000	1800	88	9	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2090947-3	Analysis Date : 07/15/25 07:54	File ID : V23250715A01
LCSD Sample ID	: WG2090947-4	Analysis Date : 07/15/25 08:20	File ID : V23250715A02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2000	98		2000	1800	90	9	70-130	30
1,2-Dichlorobenzene	2000	1800	90		2000	1700	87	3	70-130	30
1,3-Dichlorobenzene	2000	1900	95		2000	1800	90	5	70-130	30
1,4-Dichlorobenzene	2000	1900	92		2000	1700	87	6	70-130	30
Methyl tert butyl ether	2000	1800	90		2000	1700	86	5	66-130	30
p/m-Xylene	4000	3900	98		4000	3600	89	10	70-130	30
o-Xylene	4000	3800	94		4000	3500	87	8	70-130	30
cis-1,2-Dichloroethene	2000	1900	94		2000	1800	88	7	70-130	30
Styrene	4000	3900	96		4000	3600	90	6	70-130	30
Dichlorodifluoromethane	2000	1900	94		2000	1700	83	12	30-146	30
Acetone	2000	1600	82		2000	1600	79	4	54-140	30
Carbon disulfide	2000	1800	90		2000	1600	81	11	59-130	30
2-Butanone	2000	1500	74		2000	1500	74	0	70-130	30
4-Methyl-2-pentanone	2000	1400	72		2000	1400	71	1	70-130	30
2-Hexanone	2000	1400	69	Q	2000	1300	64	Q 8	70-130	30
Bromochloromethane	2000	1900	95		2000	1800	92	3	70-130	30
1,2-Dibromoethane	2000	1900	94		2000	1800	92	2	70-130	30
1,2-Dibromo-3-chloropropane	2000	1500	76		2000	1500	76	0	68-130	30
Isopropylbenzene	2000	1900	94		2000	1700	87	8	70-130	30
1,2,3-Trichlorobenzene	2000	1900	95		2000	1900	92	3	70-130	30
1,2,4-Trichlorobenzene	2000	2000	101		2000	1900	97	4	70-130	30
Methyl Acetate	2000	1600	82		2000	1600	79	4	51-146	30
Cyclohexane	2000	1700	86		2000	1600	78	10	59-142	30
1,4-Dioxane	100000	80000	80		100000	78000	78	3	65-136	30
Freon-113	2000	2100	104		2000	1900	93	11	50-139	30
Methyl cyclohexane	2000	2000	99		2000	1800	90	10	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/14/25 19:26
Matrix Spike	: WG2090855-6	MS Analysis Date	: 07/15/25 11:12
Matrix Spike Dup	: WG2090855-7	MSD Analysis Date	: 07/15/25 11:39

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	140	130	89	148	130	86	2	70-130	30
1,1-Dichloroethane	ND	140	150	110	148	160	107	3	70-130	30
Chloroform	ND	140	140	100	148	150	100	6	70-130	30
Carbon tetrachloride	ND	140	190	135 Q	148	190	130	2	70-130	30
1,2-Dichloropropane	ND	140	140	98	148	140	95	2	70-130	30
Dibromochloromethane	ND	140	97	69 Q	148	98	66 Q	2	70-130	30
1,1,2-Trichloroethane	ND	140	100	71	148	100	69 Q	2	70-130	30
Tetrachloroethene	ND	140	130	90	148	140	92	7	70-130	30
Chlorobenzene	ND	140	70	50 Q	148	90	61 Q	25	70-130	30
Trichlorofluoromethane	ND	140	210	150 Q	148	220	147 Q	3	70-139	30
1,2-Dichloroethane	ND	140	130	90	148	140	96	11	70-130	30
1,1,1-Trichloroethane	ND	140	190	135 Q	148	200	132 Q	3	70-130	30
Bromodichloromethane	ND	140	130	96	148	140	92	2	70-130	30
trans-1,3-Dichloropropene	ND	140	65	46 Q	148	82	55 Q	24	70-130	30
cis-1,3-Dichloropropene	ND	140	100	74	148	120	79	12	70-130	30
Bromoform	ND	140	86	61 Q	148	82	55 Q	5	70-130	30
1,1,2,2-Tetrachloroethane	ND	140	93	66 Q	148	83	56 Q	11	70-130	30
Benzene	ND	140	140	98	148	160	104	12	70-130	30
Toluene	ND	140	94	67 Q	148	110	72	12	70-130	30
Ethylbenzene	ND	140	97	69 Q	148	110	71	8	70-130	30
Chloromethane	ND	140	140	100	148	130	89	6	52-130	30
Bromomethane	ND	140	150	106	148	140	96	3	57-147	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/14/25 19:26
Matrix Spike	: WG2090855-6	MS Analysis Date	: 07/15/25 11:12
Matrix Spike Dup	: WG2090855-7	MSD Analysis Date	: 07/15/25 11:39

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	140	170	120	148	170	115	1	67-130	30
Chloroethane	ND	140	180	128	148	180	119	2	50-151	30
1,1-Dichloroethene	ND	140	170	123	148	190	125	7	65-135	30
trans-1,2-Dichloroethene	ND	140	120	88	148	140	91	9	70-130	30
Trichloroethene	ND	140	140	96	148	150	103	13	70-130	30
1,2-Dichlorobenzene	ND	140	43	30 Q	148	53	36 Q	22	70-130	30
1,3-Dichlorobenzene	ND	140	42	30 Q	148	55	37 Q	27	70-130	30
1,4-Dichlorobenzene	ND	140	37	26 Q	148	52	35 Q	34 Q	70-130	30
Methyl tert butyl ether	ND	140	150	108	148	140	97	5	66-130	30
p/m-Xylene	ND	280	190	67 Q	296	210	70	11	70-130	30
o-Xylene	ND	280	190	67 Q	296	200	67 Q	6	70-130	30
cis-1,2-Dichloroethene	ND	140	110	81	148	130	88	15	70-130	30
Styrene	ND	280	120	44 Q	296	170	56 Q	31 Q	70-130	30
Dichlorodifluoromethane	ND	140	150	110	148	160	105	1	30-146	30
Acetone	ND	140	130	90	148	180	119	33 Q	54-140	30
Carbon disulfide	ND	140	130	94	148	140	92	3	59-130	30
2-Butanone	ND	140	140	97	148	140	95	4	70-130	30
4-Methyl-2-pentanone	ND	140	120	85	148	120	78	3	70-130	30
2-Hexanone	ND	140	88	62 Q	148	95	64 Q	8	70-130	30
Bromochloromethane	ND	140	120	84	148	130	86	8	70-130	30
1,2-Dibromoethane	ND	140	80	57 Q	148	96	65 Q	19	70-130	30
1,2-Dibromo-3-chloropropane	ND	140	77	55 Q	148	73	49 Q	5	68-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/14/25 19:26
Matrix Spike	: WG2090855-6	MS Analysis Date	: 07/15/25 11:12
Matrix Spike Dup	: WG2090855-7	MSD Analysis Date	: 07/15/25 11:39

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	140	110	77		148	100	69	Q	6	70-130	30
1,2,3-Trichlorobenzene	ND	140	21	15	Q	148	28	19	Q	31	Q	70-130	30
1,2,4-Trichlorobenzene	ND	140	21	15	Q	148	30	20	Q	37	Q	70-130	30
Methyl Acetate	ND	140	160	113		148	140	94		12	51-146	30
Cyclohexane	ND	140	190	135		148	200	137		7	59-142	30
1,4-Dioxane	ND	7010	8800	125		7410	8800	119		1	65-136	30
Freon-113	ND	140	210	150	Q	148	220	150	Q	5	50-139	30
Methyl cyclohexane	ND	140	190	133	Q	148	210	139	Q	10	70-130	30

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090855-5	Date Collected	: NA
Client ID	: WG2090855-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	0.66	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090855-5	Date Collected	: NA
Client ID	: WG2090855-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090855-5	Date Collected	: NA
Client ID	: WG2090855-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090856-5	Date Collected	: NA
Client ID	: WG2090856-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	33	100	29.	J
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090856-5	Date Collected	: NA
Client ID	: WG2090856-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2090856-5	Date Collected	: NA
Client ID	: WG2090856-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/25 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10250714B05	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files

L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D

L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.136	0.187	0.195	0.203	0.192	0.192	0.201	0.193	0.187	11.48
3)	TP	Chloromethane		0.277	0.341	0.269	0.289	0.272	0.260	0.269	0.260	0.280	9.51
4)	TP	Vinyl chloride		0.167	0.257	0.227	0.243	0.229	0.230	0.243	0.235	0.229	11.69
5)	TP	Bromomethane		0.151	0.172	0.136	0.142	0.129	0.127	0.140	0.142	0.142	9.82
6)	TP	Chloroethane		0.116	0.169	0.135	0.148	0.138	0.135	0.144	0.122	0.138	11.69
7)	TP	Trichlorofluoromethane		0.167	0.236	0.253	0.268	0.254	0.254	0.270	0.270	0.246	13.93
8)	TP	Ethyl ether		0.116	0.146	0.106	0.125	0.118	0.117	0.126	0.125	0.123	9.39
10)	TP	1,1-Dichloroethene		0.137	0.190	0.154	0.166	0.157	0.155	0.166	0.165	0.161	9.34
11)	TP	Carbon disulfide		0.532	0.648	0.522	0.552	0.525	0.521	0.557	0.551	0.551	7.58
12)	TP	Freon-113		0.107	0.145	0.155	0.161	0.161	0.162	0.174	0.175	0.155	13.95
14)	TP	Acrolein			0.064	0.044	0.046	0.040	0.039	0.042	0.042	0.045	19.05
15)	TP	Methylene chloride				0.231	0.221	0.199	0.193	0.193	0.188	0.204	8.68
17)	TP	Acetone				0.140	0.117	0.110	0.106	0.113	0.112	0.116	10.64
18)	TP	trans-1,2-Dichloroethene		0.152	0.231	0.178	0.199	0.191	0.187	0.198	0.195	0.191	11.60
19)	TP	Methyl acetate			0.336	0.219	0.227	0.213	0.211	0.228	0.230	0.238	18.52
20)	TP	Methyl tert-butyl ether		0.596	0.681	0.530	0.648	0.619	0.621	0.665	0.667	0.628	7.78
21)	TP	tert-Butyl alcohol		0.052	0.052	0.037	0.045	0.040	0.040	0.045	0.047	0.045	12.48
22)	TP	Diisopropyl ether		0.759	0.885	0.697	0.854	0.828	0.837	0.882	0.869	0.826	8.01
23)	TP	1,1-Dichloroethane		0.326	0.433	0.334	0.398	0.374	0.364	0.380	0.373	0.373	9.11
24)	TP	Halothane		0.112	0.170	0.154	0.159	0.157	0.156	0.164	0.162	0.154	11.44
25)	TP	Acrylonitrile		0.084	0.113	0.075	0.092	0.088	0.089	0.100	0.100	0.093	12.47
26)	TP	Ethyl tert-butyl ether		0.589	0.744	0.573	0.720	0.693	0.707	0.751	0.751	0.691	10.31
27)	TP	Vinyl acetate		0.520	0.675	0.496	0.610	0.597	0.614	0.666	0.667	0.605	11.14
28)	TP	cis-1,2-Dichloroethene		0.194	0.253	0.198	0.230	0.218	0.213	0.226	0.223	0.219	8.50
29)	TP	2,2-Dichloropropane		0.223	0.304	0.260	0.277	0.267	0.264	0.278	0.277	0.269	8.53
30)	TP	Bromochloromethane		0.107	0.127	0.096	0.119	0.110	0.108	0.112	0.111	0.112	8.15
31)	TP	Cyclohexane		0.242	0.324	0.343	0.355	0.368	0.375	0.401	0.398	0.351	14.58
32)	TP	Chloroform		0.336	0.417	0.328	0.365	0.346	0.335	0.352	0.345	0.353	7.98
33)	TP	Ethyl acetate			0.474	0.319	0.327	0.313	0.315	0.346	0.353	0.349	16.32
34)	TP	Carbon tetrachloride		0.178	0.277	0.240	0.274	0.270	0.273	0.288	0.287	0.261	14.02
35)	TP	Tetrahydrofuran		0.126	0.136	0.100	0.105	0.103	0.102	0.111	0.115	0.112	11.43
36)	S	Dibromofluoromethane	0.248	0.243	0.247	0.243	0.240	0.240	0.242	0.239	0.243	0.243	1.27
37)	TP	1,1,1-Trichloroethane	0.217	0.222	0.309	0.272	0.301	0.286	0.288	0.304	0.303	0.278	12.63
39)	TP	2-Butanone				0.167	0.142	0.137	0.141	0.158	0.158	0.150	8.03
40)	TP	1,1-Dichloropropene	0.172	0.190	0.250	0.216	0.251	0.244	0.247	0.262	0.260	0.232	13.90

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files

L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D

L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	0.622	0.660	0.856	0.669	0.792	0.765	0.750	0.791	0.775	0.742	10.22
42)	TP	tert-Amyl methyl ether		0.507	0.619	0.475	0.617	0.603	0.616	0.664	0.666	0.596	11.60
43)	S	1,2-Dichloroethane-d4	0.263	0.264	0.264	0.257	0.257	0.253	0.259	0.264	0.276	0.262	2.54
44)	TP	1,2-Dichloroethane		0.261	0.343	0.258	0.300	0.280	0.276	0.292	0.289	0.287	9.38
47)	TP	Methyl cyclohexane		0.210	0.281	0.301	0.324	0.340	0.351	0.381	0.374	0.320	17.47
48)	TP	Trichloroethene	0.173	0.178	0.233	0.189	0.210	0.206	0.206	0.215	0.214	0.203	9.50
50)	TP	Dibromomethane		0.121	0.153	0.119	0.137	0.130	0.130	0.139	0.139	0.134	8.14
51)	TP	1,2-Dichloropropane		0.196	0.258	0.191	0.231	0.218	0.219	0.231	0.227	0.221	9.62
53)	TP	2-Chloroethyl vinyl ether		0.098	0.129	0.100	0.138	0.137	0.145	0.159	0.157	0.133	17.54
54)	TP	Bromodichloromethane	0.231	0.249	0.329	0.247	0.295	0.282	0.284	0.300	0.295	0.279#	11.06
57)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	17.15
58)	TP	cis-1,3-Dichloropropene	0.257	0.269	0.357	0.268	0.357	0.339	0.343	0.367	0.365	0.325	14.17
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.168	1.169	1.171	1.181	1.189	1.173	1.167	1.159	1.157	1.170	0.84
61)	TP	Toluene		1.308	1.190	0.876	0.726	0.667	0.637	0.667	0.655	*L	0.9994
62)	TP	4-Methyl-2-pentanone		0.086	0.114	0.088	0.127	0.125	0.131	0.146	0.149	0.121	19.75
63)	TP	Tetrachloroethene	0.184	0.187	0.294	0.247	0.281	0.282	0.281	0.293	0.292	0.260	17.11
65)	TP	trans-1,3-Dichloropropene		0.330	0.387	0.309	0.400	0.387	0.392	0.414	0.414	0.379	10.23
67)	TP	Ethyl methacrylate			0.311	0.250	0.349	0.350	0.370	0.401	0.405	0.348	15.51
68)	TP	1,1,2-Trichloroethane		0.188	0.218	0.166	0.209	0.195	0.194	0.205	0.202	0.197#	8.05
69)	TP	Chlorodibromomethane	0.232	0.250	0.309	0.248	0.308	0.294	0.299	0.323	0.321	0.287	11.99
70)	TP	1,3-Dichloropropane		0.340	0.457	0.340	0.437	0.412	0.410	0.432	0.426	0.407	10.75
71)	TP	1,2-Dibromoethane	0.175	0.204	0.271	0.204	0.261	0.246	0.249	0.265	0.265	0.238	14.58
72)	TP	2-Hexanone		0.357	0.365	0.267	0.272	0.270	0.283	0.312	0.317	0.305	12.83
73)	TP	Chlorobenzene	0.707	0.681	0.893	0.691	0.824	0.785	0.769	0.817	0.800	0.774	9.05
74)	TP	Ethylbenzene		1.019	1.341	1.085	1.265	1.243	1.237	1.312	1.284	1.223	9.19
75)	TP	1,1,1,2-Tetrachloroethane	0.226	0.232	0.297	0.250	0.299	0.291	0.291	0.309	0.304	0.278	11.64
76)	TP	p/m Xylene	0.372	0.402	0.535	0.426	0.509	0.501	0.501	0.531	0.517	0.477	12.69
77)	TP	o Xylene	0.372	0.374	0.511	0.413	0.509	0.500	0.500	0.528	0.513	0.469	13.55
78)	TP	Styrene	0.611	0.651	0.872	0.651	0.879	0.855	0.868	0.919	0.899	0.800	15.48
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.303	0.384	0.289	0.385	0.360	0.374	0.424	0.426	0.368	13.63
82)	TP	Isopropylbenzene		1.589	2.202	1.915	2.211	2.206	2.230	2.437	2.383	2.147	12.72
83)	S	4-Bromofluorobenzene	0.720	0.750	0.732	0.741	0.737	0.722	0.712	0.731	0.740	0.732	1.63
84)	TP	Bromobenzene		0.521	0.675	0.534	0.635	0.601	0.593	0.639	0.629	0.603	8.81
85)	TP	n-Propylbenzene		1.898	2.668	2.248	2.539	2.540	2.538	2.745	2.674	2.481	11.26

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22440**
Calibration dates	**: 07/01/25 13:23 07/01/25 18:23**		

Calibration Files
L0 =V10250701B03.D L1 =V10250701B05.D L1.5=V10250701B07.D L2 =V10250701B09.D L3 =V10250701B10.D
L4 =V10250701B11.D L6 =V10250701B12.D L7 =V10250701B13.D L8 =V10250701B14.D

	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
86) TP	1,4-Dichlorobutane		0.845	0.995	0.766	0.921	0.889	0.880	0.961	0.957	0.902	8.16
87) TP	1,1,2,2-Tetrachloroethane	0.560	0.567	0.717	0.537	0.642	0.610	0.610	0.661	0.656	0.618	9.31
88) TP	4-Ethyltoluene		1.636	2.259	1.931	2.234	2.213	2.208	2.382	2.295	2.145	11.32
89) TP	2-Chlorotoluene		1.207	1.702	1.399	1.550	1.501	1.490	1.597	1.550	1.499	9.81
90) TP	1,3,5-Trimethylbenzene		1.445	1.936	1.660	1.890	1.903	1.891	2.039	1.976	1.842	10.56
91) TP	1,2,3-Trichloropropane		0.516	0.565	0.448	0.523	0.503	0.488	0.551	0.546	0.517	7.34
92) TP	trans-1,4-Dichloro-2-b...		0.175	0.209	0.171	0.219	0.207	0.211	0.231	0.228	0.207	10.74
93) TP	4-Chlorotoluene		1.307	1.774	1.413	1.616	1.568	1.554	1.668	1.625	1.566	9.36
94) TP	tert-Butylbenzene		1.221	1.680	1.472	1.690	1.722	1.721	1.861	1.810	1.647	12.54
97) TP	1,2,4-Trimethylbenzene		1.433	1.962	1.530	1.905	1.879	1.863	2.001	1.942	1.814	11.67
98) TP	sec-Butylbenzene		1.725	2.403	2.237	2.493	2.538	2.536	2.721	2.628	2.410	12.96
99) TP	p-Isopropyltoluene		1.543	2.137	1.831	2.185	2.234	2.251	2.399	2.311	2.111	13.45
100) TP	1,3-Dichlorobenzene		0.988	1.350	1.067	1.205	1.165	1.142	1.209	1.168	1.162	9.14
101) TP	1,4-Dichlorobenzene		1.056	1.402	1.081	1.237	1.182	1.159	1.223	1.188	1.191	8.94
102) TP	p-Diethylbenzene		0.943	1.345	1.095	1.300	1.341	1.353	1.423	1.379	1.272	13.00
103) TP	n-Butylbenzene		1.253	1.862	1.627	1.836	1.885	1.871	1.970	1.906	1.776	13.15
104) TP	1,2-Dichlorobenzene		0.995	1.261	0.972	1.181	1.128	1.108	1.180	1.143	1.121	8.62
105) TP	1,2,4,5-Tetramethylben...		1.474	1.958	1.591	2.031	2.074	2.081	2.244	2.176	1.954	14.12
106) TP	1,2-Dibromo-3-chloropr...		0.108	0.123	0.102	0.133	0.128	0.131	0.148	0.147	0.127	12.92
107) TP	1,3,5-Trichlorobenzene		0.791	0.985	0.746	0.875	0.883	0.872	0.916	0.880	0.868	8.39
108) TP	Hexachlorobutadiene		0.357	0.425	0.388	0.419	0.430	0.436	0.476	0.458	0.424	8.84
109) TP	1,2,4-Trichlorobenzene		0.704	0.887	0.696	0.810	0.797	0.809	0.855	0.835	0.799	8.49
110) TP	Naphthalene		1.950	2.134	1.601	2.174	2.126	2.150	2.336	2.323	2.099	11.19
111) TP	1,2,3-Trichlorobenzene		0.648	0.877	0.654	0.797	0.770	0.783	0.825	0.818	0.772	10.53

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA110		Calibration Date	: 07/14/25 11:45	
Lab File ID	: V10250714B01		Init. Calib. Date(s)	: 07/01/25	07/01/25
Sample No	: WG2090855-2		Init. Calib. Times	: 13:23	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	78	0
Dichlorodifluoromethane	0.187	0.2	-	-7	20	81	0
Chloromethane	0.28	0.312	-	-11.4	20	90	0
Vinyl chloride	0.229	0.287	-	-25.3*	20	98	0
Bromomethane	0.142	0.166	-	-16.9	20	100	0
Chloroethane	0.138	0.176	-	-27.5*	20	99	0
Trichlorofluoromethane	0.246	0.332	-	-35*	20	102	0
Ethyl ether	0.123	0.142	-	-15.4	20	93	0
1,1-Dichloroethene	0.161	0.197	-	-22.4*	20	98	0
Carbon disulfide	0.551	0.668	-	-21.2*	20	99	0
Freon-113	0.155	0.21	-	-35.5*	20	102	0
Acrolein	0.045	0.046	-	-2.2	20	90	-.01
Methylene chloride	0.204	0.229	-	-12.3	20	90	0
Acetone	0.116	0.106	-	8.6	20	76	0
trans-1,2-Dichloroethene	0.191	0.224	-	-17.3	20	92	0
Methyl acetate	0.238	0.227	-	4.6	20	84	0
Methyl tert-butyl ether	0.628	0.679	-	-8.1	20	86	0
tert-Butyl alcohol	0.045	0.041	-	8.9	20	79	0
Diisopropyl ether	0.826	0.942	-	-14	20	89	0
1,1-Dichloroethane	0.373	0.434	-	-16.4	20	91	0
Halothane	0.154	0.183	-	-18.8	20	91	0
Acrylonitrile	0.093	0.099	-	-6.5	20	88	0
Ethyl tert-butyl ether	0.691	0.763	-	-10.4	20	86	0
Vinyl acetate	0.605	0.636	-	-5.1	20	83	0
cis-1,2-Dichloroethene	0.219	0.245	-	-11.9	20	88	0
2,2-Dichloropropane	0.269	0.355	-	-32*	20	104	0
Bromochloromethane	0.112	0.124	-	-10.7	20	88	0
Cyclohexane	0.351	0.448	-	-27.6*	20	95	0
Chloroform	0.353	0.394	-	-11.6	20	89	0
Ethyl acetate	0.349	0.32	-	8.3	20	80	0
Carbon tetrachloride	0.261	0.325	-	-24.5*	20	94	0
Tetrahydrofuran	0.112	0.103	-	8	20	78	0
Dibromofluoromethane	0.243	0.248	-	-2.1	20	81	0
1,1,1-Trichloroethane	0.278	0.349	-	-25.5*	20	95	0
2-Butanone	0.15	0.144	-	4	20	82	0
1,1-Dichloropropene	0.232	0.294	-	-26.7*	20	94	0
Benzene	0.742	0.872	-	-17.5	20	89	0
tert-Amyl methyl ether	0.596	0.659	-	-10.6	20	85	0
1,2-Dichloroethane-d4	0.262	0.279	-	-6.5	20	86	0
1,2-Dichloroethane	0.287	0.327	-	-13.9	20	91	0
Methyl cyclohexane	0.32	0.413	-	-29.1*	20	95	0
Trichloroethene	0.203	0.248	-	-22.2*	20	94	0
Dibromomethane	0.134	0.146	-	-9	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA110	Calibration Date	: 07/14/25 11:45
Lab File ID	: V10250714B01	Init. Calib. Date(s)	: 07/01/25 07/01/25
Sample No	: WG2090855-2	Init. Calib. Times	: 13:23 18:23
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.247	-	-11.8	20	89	0
2-Chloroethyl vinyl ether	0.133	0.141	-	-6	20	81	0
Bromodichloromethane	0.279	0.32	-	-14.7	20	89	0
1,4-Dioxane	0.00275	0.00291*	-	-5.8	20	79	0
cis-1,3-Dichloropropene	0.325	0.396	-	-21.8*	20	91	0
Chlorobenzene-d5	1	1	-	0	20	96	0
Toluene-d8	1.17	1.042	-	10.9	20	86	0
Toluene	40	35.154	-	12.1	20	86	0
4-Methyl-2-pentanone	0.121	0.105	-	13.2	20	81	0
Tetrachloroethene	0.26	0.271	-	-4.2	20	92	0
trans-1,3-Dichloropropene	0.379	0.367	-	3.2	20	91	0
Ethyl methacrylate	0.348	0.298	-	14.4	20	82	0
1,1,2-Trichloroethane	0.197	0.178*	-	9.6	20	88	0
Chlorodibromomethane	0.287	0.265	-	7.7	20	87	0
1,3-Dichloropropane	0.407	0.37	-	9.1	20	87	0
1,2-Dibromoethane	0.238	0.222	-	6.7	20	87	0
2-Hexanone	0.305	0.219	-	28.2*	20	78	0
Chlorobenzene	0.774	0.719	-	7.1	20	88	0
Ethylbenzene	1.223	1.18	-	3.5	20	91	0
1,1,1,2-Tetrachloroethane	0.278	0.268	-	3.6	20	89	0
p/m Xylene	0.477	0.471	-	1.3	20	91	0
o Xylene	0.469	0.46	-	1.9	20	89	0
Styrene	0.8	0.792	-	1	20	89	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
Bromoform	0.368	0.295	-	19.8	20	86	0
Isopropylbenzene	2.147	1.933	-	10	20	92	0
4-Bromofluorobenzene	0.732	0.703	-	4	20	103	0
Bromobenzene	0.603	0.51	-	15.4	20	89	0
n-Propylbenzene	2.481	2.333	-	6	20	97	0
1,4-Dichlorobutane	0.902	0.748	-	17.1	20	89	0
1,1,2,2-Tetrachloroethane	0.618	0.503	-	18.6	20	87	0
4-Ethyltoluene	2.145	1.98	-	7.7	20	94	0
2-Chlorotoluene	1.499	1.332	-	11.1	20	93	0
1,3,5-Trimethylbenzene	1.842	1.695	-	8	20	94	0
1,2,3-Trichloropropane	0.517	0.411	-	20.5*	20	86	0
trans-1,4-Dichloro-2-buten	0.207	0.192	-	7.2	20	97	0
4-Chlorotoluene	1.566	1.398	-	10.7	20	94	0
tert-Butylbenzene	1.647	1.512	-	8.2	20	92	0
1,2,4-Trimethylbenzene	1.814	1.653	-	8.9	20	93	0
sec-Butylbenzene	2.41	2.287	-	5.1	20	95	0
p-Isopropyltoluene	2.111	2.014	-	4.6	20	95	0
1,3-Dichlorobenzene	1.162	1.027	-	11.6	20	93	0
1,4-Dichlorobenzene	1.191	1.041	-	12.6	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA110	**Calibration Date**	: 07/14/25 11:45
Lab File ID	: V10250714B01	**Init. Calib. Date(s)**	: 07/01/25 07/01/25
Sample No	: WG2090855-2	**Init. Calib. Times**	: 13:23 18:23
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.272	1.208	-	5	20	95	0
n-Butylbenzene	1.776	1.737	-	2.2	20	97	0
1,2-Dichlorobenzene	1.121	0.98	-	12.6	20	92	0
1,2,4,5-Tetramethylbenzene	1.954	1.799	-	7.9	20	91	0
1,2-Dibromo-3-chloropropan	0.127	0.1	-	21.3*	20	82	0
1,3,5-Trichlorobenzene	0.868	0.796	-	8.3	20	95	0
Hexachlorobutadiene	0.424	0.374	-	11.8	20	92	0
1,2,4-Trichlorobenzene	0.799	0.717	-	10.3	20	95	0
Naphthalene	2.099	1.733	-	17.4	20	86	0
1,2,3-Trichlorobenzene	0.772	0.682	-	11.7	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA110		Calibration Date	: 07/15/25 07:08	
Lab File ID	: V10250715A01		Init. Calib. Date(s)	: 07/01/25	07/01/25
Sample No	: WG2090855-9		Init. Calib. Times	: 13:23	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.187	0.157	-	16	20	76	0
Chloromethane	0.28	0.252	-	10	20	86	0
Vinyl chloride	0.229	0.245	-	-7	20	100	0
Bromomethane	0.142	0.165	-	-16.2	20	119	0
Chloroethane	0.138	0.17	-	-23.2*	20	114	0
Trichlorofluoromethane	0.246	0.33	-	-34.1*	20	121	0
Ethyl ether	0.123	0.146	-	-18.7	20	115	0
1,1-Dichloroethene	0.161	0.196	-	-21.7*	20	116	0
Carbon disulfide	0.551	0.632	-	-14.7	20	112	0
Freon-113	0.155	0.206	-	-32.9*	20	119	0
Acrolein	0.045	0.045	-	0	20	104	0
Methylene chloride	0.204	0.259	-	-27*	20	122	0
Acetone	0.116	0.099	-	14.7	20	84	0
trans-1,2-Dichloroethene	0.191	0.22	-	-15.2	20	107	0
Methyl acetate	0.238	0.209	-	12.2	20	92	0
Methyl tert-butyl ether	0.628	0.681	-	-8.4	20	103	0
tert-Butyl alcohol	0.045	0.04	-	11.1	20	93	0
Diisopropyl ether	0.826	0.892	-	-8	20	100	0
1,1-Dichloroethane	0.373	0.42	-	-12.6	20	105	0
Halothane	0.154	0.184	-	-19.5	20	110	0
Acrylonitrile	0.093	0.092	-	1.1	20	97	0
Ethyl tert-butyl ether	0.691	0.781	-	-13	20	105	0
Vinyl acetate	0.605	0.627	-	-3.6	20	98	0
cis-1,2-Dichloroethene	0.219	0.245	-	-11.9	20	105	0
2,2-Dichloropropane	0.269	0.354	-	-31.6*	20	124	0
Bromochloromethane	0.112	0.13	-	-16.1	20	110	0
Cyclohexane	0.351	0.415	-	-18.2	20	105	0
Chloroform	0.353	0.403	-	-14.2	20	109	0
Ethyl acetate	0.349	0.307	-	12	20	91	0
Carbon tetrachloride	0.261	0.333	-	-27.6*	20	115	0
Tetrahydrofuran	0.112	0.097	-	13.4	20	88	0
Dibromofluoromethane	0.243	0.258	-	-6.2	20	100	0
1,1,1-Trichloroethane	0.278	0.349	-	-25.5*	20	113	0
2-Butanone	0.15	0.146	-	2.7	20	99	0
1,1-Dichloropropene	0.232	0.288	-	-24.1*	20	110	0
Benzene	0.742	0.842	-	-13.5	20	102	0
tert-Amyl methyl ether	0.596	0.661	-	-10.9	20	102	0
1,2-Dichloroethane-d4	0.262	0.283	-	-8	20	104	0
1,2-Dichloroethane	0.287	0.335	-	-16.7	20	112	0
Methyl cyclohexane	0.32	0.391	-	-22.2*	20	107	0
Trichloroethene	0.203	0.244	-	-20.2*	20	110	0
Dibromomethane	0.134	0.151	-	-12.7	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA110		Calibration Date	: 07/15/25 07:08	
Lab File ID	: V10250715A01		Init. Calib. Date(s)	: 07/01/25	07/01/25
Sample No	: WG2090855-9		Init. Calib. Times	: 13:23	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.243	-	-10	20	104	0
2-Chloroethyl vinyl ether	0.133	0.149	-	-12	20	101	0
Bromodichloromethane	0.279	0.329	-	-17.9	20	109	0
1,4-Dioxane	0.00275	0.00295*	-	-7.3	20	95	0
cis-1,3-Dichloropropene	0.325	0.396	-	-21.8*	20	109	0
Chlorobenzene-d5	1	1	-	0	20	117	0
Toluene-d8	1.17	1.036	-	11.5	20	103	0
Toluene	40	33.573	-	16.1	20	100	0
4-Methyl-2-pentanone	0.121	0.101	-	16.5	20	95	0
Tetrachloroethene	0.26	0.275	-	-5.8	20	114	0
trans-1,3-Dichloropropene	0.379	0.366	-	3.4	20	111	0
Ethyl methacrylate	0.348	0.297	-	14.7	20	99	0
1,1,2-Trichloroethane	0.197	0.172*	-	12.7	20	103	0
Chlorodibromomethane	0.287	0.27	-	5.9	20	108	0
1,3-Dichloropropane	0.407	0.361	-	11.3	20	102	0
1,2-Dibromoethane	0.238	0.22	-	7.6	20	105	0
2-Hexanone	0.305	0.207	-	32.1*	20	90	0
Chlorobenzene	0.774	0.721	-	6.8	20	108	0
Ethylbenzene	1.223	1.144	-	6.5	20	108	0
1,1,1,2-Tetrachloroethane	0.278	0.27	-	2.9	20	109	0
p/m Xylene	0.477	0.459	-	3.8	20	107	0
o Xylene	0.469	0.449	-	4.3	20	105	0
Styrene	0.8	0.781	-	2.4	20	107	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	125	0
Bromoform	0.368	0.314	-	14.7	20	109	0
Isopropylbenzene	2.147	1.93	-	10.1	20	110	0
4-Bromofluorobenzene	0.732	0.708	-	3.3	20	123	0
Bromobenzene	0.603	0.526	-	12.8	20	110	0
n-Propylbenzene	2.481	2.237	-	9.8	20	110	0
1,4-Dichlorobutane	0.902	0.716	-	20.6*	20	101	0
1,1,2,2-Tetrachloroethane	0.618	0.486	-	21.4*	20	100	0
4-Ethyltoluene	2.145	1.952	-	9	20	110	0
2-Chlorotoluene	1.499	1.311	-	12.5	20	109	0
1,3,5-Trimethylbenzene	1.842	1.666	-	9.6	20	110	0
1,2,3-Trichloropropane	0.517	0.41	-	20.7*	20	102	0
trans-1,4-Dichloro-2-buten	0.207	0.185	-	10.6	20	112	0
4-Chlorotoluene	1.566	1.38	-	11.9	20	110	0
tert-Butylbenzene	1.647	1.504	-	8.7	20	109	0
1,2,4-Trimethylbenzene	1.814	1.631	-	10.1	20	109	0
sec-Butylbenzene	2.41	2.217	-	8	20	109	0
p-Isopropyltoluene	2.111	1.991	-	5.7	20	112	0
1,3-Dichlorobenzene	1.162	1.049	-	9.7	20	113	0
1,4-Dichlorobenzene	1.191	1.063	-	10.7	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA110		Calibration Date	: 07/15/25 07:08	
Lab File ID	: V10250715A01		Init. Calib. Date(s)	: 07/01/25	07/01/25
Sample No	: WG2090855-9		Init. Calib. Times	: 13:23	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.272	1.198	-	5.8	20	112	0
n-Butylbenzene	1.776	1.67	-	6	20	111	0
1,2-Dichlorobenzene	1.121	0.994	-	11.3	20	110	0
1,2,4,5-Tetramethylbenzene	1.954	1.805	-	7.6	20	109	0
1,2-Dibromo-3-chloropropan	0.127	0.101	-	20.5*	20	99	0
1,3,5-Trichlorobenzene	0.868	0.81	-	6.7	20	115	0
Hexachlorobutadiene	0.424	0.381	-	10.1	20	111	0
1,2,4-Trichlorobenzene	0.799	0.732	-	8.4	20	115	0
Naphthalene	2.099	1.731	-	17.5	20	102	0
1,2,3-Trichlorobenzene	0.772	0.682	-	11.7	20	111	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA123		Calibration Date	: 07/15/25 07:54	
Lab File ID	: V23250715A01		Init. Calib. Date(s)	: 04/18/25	04/18/25
Sample No	: WG2090945-2		Init. Calib. Times	: 14:54	19:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	77	0
Dichlorodifluoromethane	0.332	0.311	-	6.3	20	76	0
Chloromethane	0.295	0.252	-	14.6	20	68	0
Vinyl chloride	0.331	0.297	-	10.3	20	72	0
Bromomethane	0.223	0.268	-	-20.2*	20	99	0
Chloroethane	0.2	0.191	-	4.5	20	78	0
Trichlorofluoromethane	0.413	0.504	-	-22*	20	97	0
Ethyl ether	0.146	0.133	-	8.9	20	70	0
1,1-Dichloroethene	0.234	0.229	-	2.1	20	78	0
Carbon disulfide	0.911	0.817	-	10.3	20	77	0
Freon-113	0.248	0.258	-	-4	20	84	0
Acrolein	0.03	0.029	-	3.3	20	67	0
Methylene chloride	0.32	0.288	-	10	20	78	0
Acetone	40	32.891	-	17.8	20	64	0
trans-1,2-Dichloroethene	0.268	0.258	-	3.7	20	76	0
Methyl acetate	0.117	0.096	-	17.9	20	61	0
Methyl tert-butyl ether	0.761	0.688	-	9.6	20	68	0
tert-Butyl alcohol	0.023	0.017	-	26.1*	20	56	0
Diisopropyl ether	0.853	0.686	-	19.6	20	62	0
1,1-Dichloroethane	0.503	0.447	-	11.1	20	69	0
Halothane	0.191	0.186	-	2.6	20	78	0
Acrylonitrile	0.058	0.043	-	25.9*	20	57	0
Ethyl tert-butyl ether	0.857	0.702	-	18.1	20	63	0
Vinyl acetate	0.402	0.391	-	2.7	20	73	0
cis-1,2-Dichloroethene	0.294	0.275	-	6.5	20	74	0
2,2-Dichloropropane	0.428	0.418	-	2.3	20	77	0
Bromochloromethane	0.129	0.122	-	5.4	20	72	0
Cyclohexane	0.44	0.378	-	14.1	20	71	0
Chloroform	0.511	0.487	-	4.7	20	75	0
Ethyl acetate	0.179	0.142	-	20.7*	20	58	0
Carbon tetrachloride	0.391	0.383	-	2	20	78	0
Tetrahydrofuran	0.06	0.049	-	18.3	20	63	0
Dibromofluoromethane	0.259	0.246	-	5	20	71	0
1,1,1-Trichloroethane	0.43	0.435	-	-1.2	20	80	0
2-Butanone	0.07	0.052	-	25.7*	20	59	0
1,1-Dichloropropene	0.332	0.334	-	-0.6	20	78	0
Benzene	1.01	0.941	-	6.8	20	72	0
tert-Amyl methyl ether	0.741	0.657	-	11.3	20	67	0
1,2-Dichloroethane-d4	0.266	0.236	-	11.3	20	68	0
1,2-Dichloroethane	0.372	0.319	-	14.2	20	66	0
Methyl cyclohexane	0.451	0.445	-	1.3	20	81	0
Trichloroethene	0.282	0.276	-	2.1	20	79	0
Dibromomethane	0.157	0.146	-	7	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA123		Calibration Date	: 07/15/25 07:54	
Lab File ID	: V23250715A01		Init. Calib. Date(s)	: 04/18/25	04/18/25
Sample No	: WG2090945-2		Init. Calib. Times	: 14:54	19:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.271	0.233	-	14	20	65	0
2-Chloroethyl vinyl ether	0.135	0.112	-	17	20	58	0
Bromodichloromethane	0.394	0.359	-	8.9	20	69	0
1,4-Dioxane	2000	1591.066	-	20.4*	20	58	0
cis-1,3-Dichloropropene	0.423	0.397	-	6.1	20	68	0
Chlorobenzene-d5	1	1	-	0	20	78	0
Toluene-d8	1.374	1.259	-	8.4	20	72	0
Toluene	0.927	0.84	-	9.4	20	74	0
4-Methyl-2-pentanone	0.1	0.072	-	28*	20	55	0
Tetrachloroethene	0.388	0.405	-	-4.4	20	86	0
trans-1,3-Dichloropropene	0.526	0.469	-	10.8	20	67	0
Ethyl methacrylate	0.376	0.322	-	14.4	20	64	0
1,1,2-Trichloroethane	0.261	0.229	-	12.3	20	69	0
Chlorodibromomethane	0.386	0.343	-	11.1	20	67	0
1,3-Dichloropropane	0.517	0.451	-	12.8	20	67	0
1,2-Dibromoethane	0.279	0.263	-	5.7	20	67	0
2-Hexanone	0.169	0.116	-	31.4*	20	55	0
Chlorobenzene	1.026	0.951	-	7.3	20	74	0
Ethylbenzene	1.766	1.678	-	5	20	77	0
1,1,1,2-Tetrachloroethane	0.386	0.352	-	8.8	20	72	0
p/m Xylene	0.653	0.639	-	2.1	20	78	0
o Xylene	0.655	0.614	-	6.3	20	75	0
Styrene	1.063	1.022	-	3.9	20	73	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	81	0
Bromoform	0.464	0.39	-	15.9	20	67	0
Isopropylbenzene	3.235	3.024	-	6.5	20	79	0
4-Bromofluorobenzene	0.95	0.845	-	11.1	20	72	0
Bromobenzene	0.838	0.752	-	10.3	20	75	0
n-Propylbenzene	3.893	3.675	-	5.6	20	80	0
1,4-Dichlorobutane	1.017	0.736	-	27.6*	20	60	0
1,1,2,2-Tetrachloroethane	0.73	0.587	-	19.6	20	66	0
4-Ethyltoluene	3.197	3.04	-	4.9	20	80	0
2-Chlorotoluene	2.441	2.249	-	7.9	20	79	0
1,3,5-Trimethylbenzene	2.841	2.612	-	8.1	20	78	0
1,2,3-Trichloropropane	0.575	0.462	-	19.7	20	68	0
trans-1,4-Dichloro-2-buten	0.205	0.15	-	26.8*	20	66	0
4-Chlorotoluene	2.461	2.22	-	9.8	20	75	0
tert-Butylbenzene	2.37	2.241	-	5.4	20	81	0
1,2,4-Trimethylbenzene	2.786	2.618	-	6	20	78	0
sec-Butylbenzene	3.571	3.412	-	4.5	20	81	0
p-Isopropyltoluene	3.035	2.933	-	3.4	20	81	0
1,3-Dichlorobenzene	1.556	1.481	-	4.8	20	78	0
1,4-Dichlorobenzene	1.616	1.494	-	7.5	20	79	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA123	Calibration Date	: 07/15/25 07:54
Lab File ID	: V23250715A01	Init. Calib. Date(s)	: 04/18/25 04/18/25
Sample No	: WG2090945-2	Init. Calib. Times	: 14:54 19:39
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.786	1.757	-	1.6	20	82	0
n-Butylbenzene	2.716	2.74	-	-0.9	20	84	0
1,2-Dichlorobenzene	1.492	1.347	-	9.7	20	76	0
1,2,4,5-Tetramethylbenzene	2.933	2.738	-	6.6	20	78	0
1,2-Dibromo-3-chloropropan	0.107	0.081	-	24.3*	20	63	0
1,3,5-Trichlorobenzene	1.197	1.212	-	-1.3	20	87	0
Hexachlorobutadiene	0.603	0.642	-	-6.5	20	92	0
1,2,4-Trichlorobenzene	1.008	1.022	-	-1.4	20	84	0
Naphthalene	2.257	1.653	-	26.8*	20	67	0
1,2,3-Trichlorobenzene	0.874	0.828	-	5.3	20	77	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for MORK on 11-10-24. The average RRF for 2,6-dinitrotoluene was below the method minimums, but not below 0.010 for GCMS5 on 05-18-25. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for MINDY on 05-24-25. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV103 on 06-03-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-07-25 (WG2087548-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 07-08-25 (WG2088101-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-10-25 (WG2089015-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 07-10-25 (WG2089069-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-13-25 (WG2090054-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-07-25 (WG2087548-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-08-25 (WG2088101-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on

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07-10-25 (WG2089015-3). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-10-25 (WG2089069-3). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-12-25 (WG2089838-3). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-13-25 (WG2090054-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-07-25 (WG2087548-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-08-25 (WG2088101-3). The %Ds for benzaldehyde and caprolactam were above the allowable maximum (20%) on 07-08-25 (WG2088101-4). The %D for atrazine was above the allowable maximum (20%) on 07-08-25 (WG2088101-5). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-10-25 (WG2089015-3). The %Ds for caprolactam and 1,2,4,5-tetrachlorobenzene were above the allowable maximum (20%) on 07-10-25 (WG2089015-4). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-08-25 (WG2089069-3). The %D for 1,2,4,5-tetrachlorobenzene was above the allowable maximum (20%) on 07-10-24 (WG2089069-4). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-12-25 (WG2089838-3). The %D for caprolactam was above the allowable maximum (20%) on 07-12-25 (WG2089838-4). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-13-25 (WG2090054-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three base/neutral surrogate recoveries for samples 25SB-6 (0-2), 25SB-6 (7-9), and 25SB-6 (11-12) was above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Two of three acid extractable surrogate recoveries for samples 25SB-2 (0-2), 25SB-2 (0-2)RE, and 25SB-4 (0-2)RE were below control limits and below 10%. Two of three acid extractable surrogate recoveries for sample 25SB-4 (0-2) were below control limits and one below 10%. Positive results for acid extractable compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in these samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum; 2 of 2 percent recoveries (%Rs) for 2,3,4,6-tetrachlorophenol were below QC limits, but not below 10%; and 2 of 2 %Rs for hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dinitro-o-cresol, and pentachlorophenol were below QC limits and below 10% for soil MS/MSD sample 25SB-5 (0-2). The "not detected" result for 2,3,4,6-tetrachlorophenol should be considered estimated (UJ), and the "not detected' results for hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and pentachlorophenol rejected, unusable (R) in sample 25SB-5 (0-2).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG2089676-2/3 and WG2089813-2/3.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for hexachlorocyclopentadiene was below QC limits, but not below 10% for soil samples WG2087146-2/3. Positive results for hexachlorocyclopentadiene should be considered estimated, biased low (J-) and "not detected" results estimated (J) in associated soil samples.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for acenaphthene, fluoranthene, phenanthrene, and pyrene in sample 25SB-6 (11-12) were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results that are flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted results for these compounds is recommended for the sample. It is recommended that the undiluted results be used for all other compounds.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV103		Calibration Date	: 07/07/25 11:09	
Lab File ID	: ABN0707		Init. Calib. Date(s)	: 06/03/25	06/04/25
Sample No	: WG2087548-3		Init. Calib. Times	: 20:16	07:25
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Nitrosodimethylamine	0.844	0.976	-	-15.6	20	111	0
Pyridine	1.411	1.28	-	9.3	20	84	0
2-Fluorophenol	1.267	1.346	-	-6.2	20	103	0
Aniline	2.27	2.42	-	-6.6	20	104	0
2-Chlorophenol	1.383	1.463	-	-5.8	20	100	0
Phenol-d6	1.611	1.716	-	-6.5	20	103	0
Phenol	1.929	2.101	-	-8.9	20	106	0
Bis(2-chloroethyl)ether	1.355	1.427	-	-5.3	20	106	0
1,3-Dichlorobenzene	1.577	1.593	-	-1	20	102	0
1,4-Dichlorobenzene	1.62	1.618	-	0.1	20	101	0
1,2-Dichlorobenzene	1.541	1.57	-	-1.9	20	104	0
Benzyl alcohol	1.201	1.369	-	-14	20	107	0
Bis(2-chloroisopropyl)ethe	1.82	2.329	-	-28*	20	126	0
2-Methylphenol	1.29	1.391	-	-7.8	20	105	0
Hexachloroethane	0.616	0.628	-	-1.9	20	100	0
n-Nitrosodi-n-propylamine	1.068	1.202	-	-12.5	20	107	0
3-Methylphenol/4-Methylphe	1.384	1.508	-	-9	20	105	0
Nitrobenzene-d5	1.496	1.636	-	-9.4	20	103	0
Nitrobenzene	1.54	1.708	-	-10.9	20	105	0
Isophorone	2.84	3.102	-	-9.2	20	104	0
2-Nitrophenol	0.571	0.753	-	-31.9*	20	117	0
2,4-Dimethylphenol	1.485	1.587	-	-6.9	20	102	0
Bis(2-chloroethoxy)methane	1.786	1.913	-	-7.1	20	105	0
2,4-Dichlorophenol	1.155	1.262	-	-9.3	20	102	0
1,2,4-Trichlorobenzene	1.304	1.308	-	-0.3	20	101	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.095	1.101	-	-0.5	20	102	0
Benzoic Acid	50	51.214	-	-2.4	20	110	0
4-Chloroaniline	0.151	0.159	-	-5.3	20	105	0
Hexachlorobutadiene	0.199	0.197	-	1	20	100	0
p-Chloro-m-cresol	0.322	0.35	-	-8.7	20	105	0
2-Methylnaphthalene	0.657	0.676	-	-2.9	20	104	0
1-Methylnaphthalene	0.267	0.262	-	1.9	20	99	0
Hexachlorocyclopentadiene	0.233	0.252	-	-8.2	20	105	0
2,4,6-Trichlorophenol	0.2	0.237	-	-18.5	20	109	0
2,4,5-Trichlorophenol	0.225	0.251	-	-11.6	20	103	0
2-Fluorobiphenyl	0.826	0.802	-	2.9	20	99	0
2-Chloronaphthalene	0.691	0.686	-	0.7	20	101	0
2-Nitroaniline	0.207	0.238	-	-15	20	102	0
1,4-Dinitrobenzene	50	50.941	-	-1.9	20	106	0
1,3-Dinitrobenzene	0.105	0.12	-	-14.3	20	102	0
Dimethyl phthalate	0.824	0.841	-	-2.1	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV103		Calibration Date	: 07/07/25 11:09	
Lab File ID	: ABN0707		Init. Calib. Date(s)	: 06/03/25	06/04/25
Sample No	: WG2087548-3		Init. Calib. Times	: 20:16	07:25
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.183	1.187	-	-0.3	20	98	0
2,6-Dinitrotoluene	0.151	0.172	-	-13.9	20	104	0
1,2-Dinitrobenzene	0.068	0.079	-	-16.2	20	103	0
IS1_Acenaphthene-d10	1	1	-	0	20	98	0
3-Nitroaniline	0.354	0.389	-	-9.9	20	100	0
Acenaphthene	1.186	1.195	-	-0.8	20	101	0
2,4-Dinitrophenol	50	64.941	-	-29.9*	20	140	0
Dibenzofuran	1.892	1.878	-	0.7	20	99	0
2,4-Dinitrotoluene	0.388	0.457	-	-17.8	20	104	0
4-Nitrophenol	0.275	0.349	-	-26.9*	20	110	0
2,3,5,6-Tetrachlorophenol	0.323	0.386	-	-19.5	20	108	0
2,3,4,6-Tetrachlorophenol	0.327	0.361	-	-10.4	20	97	0
Diethyl phthalate	1.549	1.596	-	-3	20	100	0
Fluorene	1.502	1.503	-	-0.1	20	99	0
4-Chlorophenyl phenyl ethe	0.703	0.7	-	0.4	20	102	0
4-Nitroaniline	0.354	0.38	-	-7.3	20	99	0
4,6-Dinitro-o-cresol	50	63.974	-	-27.9*	20	134	0
NDPA/DPA	1.254	1.261	-	-0.6	20	100	0
Azobenzene	1.602	1.688	-	-5.4	20	102	0
2,4,6-Tribromophenol	0.213	0.237	-	-11.3	20	102	0
4-Bromophenyl phenyl ether	0.427	0.42	-	1.6	20	99	0
Hexachlorobenzene	0.514	0.496	-	3.5	20	99	0
Pentachlorophenol	50	45.859	-	8.3	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	95	0
Phenanthrene	1.184	1.18	-	0.3	20	99	0
Anthracene	1.172	1.199	-	-2.3	20	99	0
Carbazole	1.135	1.158	-	-2	20	97	0
Di-n-butylphthalate	1.288	1.479	-	-14.8	20	99	0
Fluoranthene	1.302	1.378	-	-5.8	20	99	0
Benzidine	0.83	0.935	-	-12.7	20	98	0
Pyrene	1.39	1.415	-	-1.8	20	97	0
4-Terphenyl-d14	1.016	1.021	-	-0.5	20	96	0
Butyl benzyl phthalate	50	48.888	-	2.2	20	101	0
IS1_Chrysene-d12	1	1	-	0	20	88	0
Benzo(a)anthracene	1.391	1.448	-	-4.1	20	95	0
3,3'-Dichlorobenzidine	0.494	0.544	-	-10.1	20	90	0
Chrysene	1.269	1.292	-	-1.8	20	96	0
Bis(2-ethylhexyl)phthalate	50	52.206	-	-4.4	20	96	0
Di-n-octylphthalate	50	52.089	-	-4.2	20	100	0
Benzo(b)fluoranthene	1.248	1.388	-	-11.2	20	98	0
Benzo(k)fluoranthene	1.282	1.35	-	-5.3	20	95	0
Benzo(a)pyrene	1.166	1.284	-	-10.1	20	96	0
IS1_Perylene-d12	1	1	-	0	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV103		**Calibration Date**	: 07/07/25 11:09	
Lab File ID	: ABN0707		**Init. Calib. Date(s)**	: 06/03/25	06/04/25
Sample No	: WG2087548-3		**Init. Calib. Times**	: 20:16	07:25
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.07	1.253	-	-17.1	20	102	0
Dibenzo(a,h)anthracene	1.126	1.271	-	-12.9	20	101	0
Benzo(ghi)perylene	1.097	1.249	-	-13.9	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: MINDY	Calibration Date	: 07/08/25 12:32
Lab File ID	: ABN0708	Init. Calib. Date(s)	: 05/24/25 05/25/25
Sample No	: WG2088101-3	Init. Calib. Times	: 13:50 01:37
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	79	0
n-Nitrosodimethylamine	0.614	0.74	-	-20.5*	20	97	0
Pyridine	1.145	1.041	-	9.1	20	71	0
2-Fluorophenol	1.062	1.203	-	-13.3	20	89	0
Aniline	1.678	1.901	-	-13.3	20	88	0
2-Chlorophenol	1.307	1.381	-	-5.7	20	82	0
Phenol-d6	1.297	1.547	-	-19.3	20	92	0
Phenol	1.347	1.549	-	-15	20	91	0
Bis(2-chloroethyl)ether	1.058	1.183	-	-11.8	20	91	0
1,3-Dichlorobenzene	1.554	1.486	-	4.4	20	78	0
1,4-Dichlorobenzene	1.599	1.528	-	4.4	20	77	0
1,2-Dichlorobenzene	1.514	1.45	-	4.2	20	78	0
Benzyl alcohol	0.877	1.116	-	-27.3*	20	96	0
Bis(2-chloroisopropyl)ethe	1.524	1.678	-	-10.1	20	90	0
2-Methylphenol	1.063	1.221	-	-14.9	20	89	0
Hexachloroethane	0.529	0.551	-	-4.2	20	84	0
n-Nitrosodi-n-propylamine	0.749	0.96	-	-28.2*	20	99	0
3-Methylphenol/4-Methylphe	1.146	1.308	-	-14.1	20	87	0
Nitrobenzene-d5	1.153	1.412	-	-22.5*	20	95	0
Nitrobenzene	1.13	1.417	-	-25.4*	20	98	0
Isophorone	2.075	2.552	-	-23*	20	95	0
2-Nitrophenol	0.665	0.766	-	-15.2	20	85	0
2,4-Dimethylphenol	1.199	1.403	-	-17	20	91	0
Bis(2-chloroethoxy)methane	1.37	1.579	-	-15.3	20	93	0
2,4-Dichlorophenol	1.194	1.196	-	-0.2	20	76	0
1,2,4-Trichlorobenzene	1.37	1.245	-	9.1	20	73	0
IS1_Naphthalene-d8	1	1	-	0	20	85	0
Naphthalene	1.087	1.043	-	4	20	85	0
Benzoic Acid	0.234	0.313	-	-33.8*	20	115	0
4-Chloroaniline	0.103	0.117	-	-13.6	20	96	0
Hexachlorobutadiene	0.183	0.164	-	10.4	20	78	0
p-Chloro-m-cresol	0.267	0.297	-	-11.2	20	92	0
2-Methylnaphthalene	0.688	0.645	-	6.2	20	82	0
1-Methylnaphthalene	0.233	0.231	-	0.9	20	87	0
Hexachlorocyclopentadiene	0.244	0.226	-	7.4	20	80	0
2,4,6-Trichlorophenol	0.223	0.205	-	8.1	20	75	0
2,4,5-Trichlorophenol	0.241	0.233	-	3.3	20	78	0
2-Fluorobiphenyl	0.903	0.779	-	13.7	20	76	0
2-Chloronaphthalene	0.759	0.662	-	12.8	20	77	0
2-Nitroaniline	0.215	0.242	-	-12.6	20	89	0
1,4-Dinitrobenzene	0.106	0.112	-	-5.7	20	82	0
1,3-Dinitrobenzene	0.124	0.125	-	-0.8	20	81	0
Dimethyl phthalate	0.873	0.807	-	7.6	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MINDY		Calibration Date	: 07/08/25 12:32	
Lab File ID	: ABN0708		Init. Calib. Date(s)	: 05/24/25	05/25/25
Sample No	: WG2088101-3		Init. Calib. Times	: 13:50	01:37
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.259	1.167	-	7.3	20	80	0
2,6-Dinitrotoluene	0.182	0.178	-	2.2	20	80	0
1,2-Dinitrobenzene	0.078	0.08	-	-2.6	20	82	0
IS1_Acenaphthene-d10	1	1	-	0	20	79	0
3-Nitroaniline	0.316	0.368	-	-16.5	20	88	0
Acenaphthene	1.146	1.103	-	3.8	20	79	0
2,4-Dinitrophenol	0.171	0.188	-	-9.9	20	84	0
Dibenzofuran	1.782	1.708	-	4.2	20	78	0
2,4-Dinitrotoluene	0.396	0.426	-	-7.6	20	80	0
4-Nitrophenol	0.199	0.276	-	-38.7*	20	102	0
2,3,5,6-Tetrachlorophenol	0.299	0.345	-	-15.4	20	85	0
2,3,4,6-Tetrachlorophenol	0.298	0.331	-	-11.1	20	82	0
Diethyl phthalate	1.377	1.422	-	-3.3	20	82	0
Fluorene	1.445	1.433	-	0.8	20	80	0
4-Chlorophenyl phenyl ethe	0.634	0.624	-	1.6	20	82	0
4-Nitroaniline	0.307	0.375	-	-22.1*	20	89	0
4,6-Dinitro-o-cresol	0.22	0.26	-	-18.2	20	90	0
NDPA/DPA	1.225	1.213	-	1	20	79	0
Azobenzene	1.08	1.332	-	-23.3*	20	98	0
2,4,6-Tribromophenol	0.202	0.197	-	2.5	20	73	0
4-Bromophenyl phenyl ether	0.389	0.38	-	2.3	20	79	0
Hexachlorobenzene	0.46	0.428	-	7	20	77	0
Pentachlorophenol	0.254	0.264	-	-3.9	20	75	0
IS1_Phenanthrene-d10	1	1	-	0	20	82	0
Phenanthrene	1.227	1.12	-	8.7	20	79	0
Anthracene	1.228	1.149	-	6.4	20	78	0
Carbazole	1.13	1.094	-	3.2	20	79	0
Di-n-butylphthalate	1.231	1.338	-	-8.7	20	84	0
Fluoranthene	1.28	1.246	-	2.7	20	79	0
Benzidine	0.85	0.925	-	-8.8	20	82	0
Pyrene	1.366	1.311	-	4	20	79	0
4-Terphenyl-d14	1.003	0.986	-	1.7	20	81	0
Butyl benzyl phthalate	0.584	0.64	-	-9.6	20	88	0
IS1_Chrysene-d12	1	1	-	0	20	84	0
Benzo(a)anthracene	1.331	1.252	-	5.9	20	82	0
3,3'-Dichlorobenzidine	0.482	0.54	-	-12	20	86	0
Chrysene	1.279	1.125	-	12	20	77	0
Bis(2-ethylhexyl)phthalate	0.795	0.904	-	-13.7	20	86	0
Di-n-octylphthalate	1.463	1.603	-	-9.6	20	89	0
Benzo(b)fluoranthene	1.408	1.383	-	1.8	20	83	0
Benzo(k)fluoranthene	1.361	1.249	-	8.2	20	78	0
Benzo(a)pyrene	1.291	1.289	-	0.2	20	82	0
IS1_Perylene-d12	1	1	-	0	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: MINDY		**Calibration Date**	: 07/08/25 12:32	
Lab File ID	: ABN0708		**Init. Calib. Date(s)**	: 05/24/25	05/25/25
Sample No	: WG2088101-3		**Init. Calib. Times**	: 13:50	01:37
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.173	1.198	-	-2.1	20	85	0
Dibenzo(a,h)anthracene	1.19	1.146	-	3.7	20	80	0
Benzo(ghi)perylene	1.172	1.095	-	6.6	20	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MINDY		Calibration Date	: 07/08/25 12:54	
Lab File ID	: AP90708		Init. Calib. Date(s)	: 05/24/25	05/25/25
Sample No	: WG2088101-4		Init. Calib. Times	: 13:50	01:37
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	69	0
Benzaldehyde	0.955	1.155	-	-20.9*	20	86	0
Acetophenone	1.687	1.987	-	-17.8	20	80	0
m-Toluidine	1.552	2.055	-	-32.4*	20	86	0
2-Chloroaniline	1.604	1.84	-	-14.7	20	75	0
IS2_Naphthalene-d8	1	1	-	0	20	73	0
a-Terpineol	0.204	0.261	-	-27.9*	20	89	0
3-Chloroaniline	0.113	0.143	-	-26.5*	20	89	0
2,6-Dichlorophenol	0.287	0.308	-	-7.3	20	73	0
1-chloro-2-nitrobenzene	0.129	0.154	-	-19.4	20	85	0
Caprolactam	0.105	0.149	-	-41.9*	20	93	0
1,2,4,5-Tetrachlorobenzene	0.327	0.314	-	4	20	70	0
Biphenyl	0.953	0.924	-	3	20	70	0
IS2_Acenaphthene-d10	1	1	-	0	20	70	0
Dichloran	0.155	0.209	-	-34.8*	20	86	0
Pentachloronitrobenzene	0.136	0.178	-	-30.9*	20	82	0
IS2_Phenanthrene-d10	1	1	-	0	20	74	0
Diphenamid	0.51	0.591	-	-15.9	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MINDY		Calibration Date	: 07/08/25 13:16	
Lab File ID	: ADP0708		Init. Calib. Date(s)	: 05/24/25	05/25/25
Sample No	: WG2088101-5		Init. Calib. Times	: 13:50	01:37
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
1,4-Dioxane	0.446	0.489	-	-9.6	20	90	0
n-Decane	1.018	1.302	-	-27.9*	20	90	0
IS3_Acenaphthene-d10	1	1	-	0	20	74	0
Atrazine	0.321	0.436	-	-35.8*	20	93	0
IS3_Phenanthrene-d10	1	1	-	0	20	78	0
n-Octadecane	0.348	0.443	-	-27.3*	20	97	0
Parathion	50	68.667	-	-37.3*	20	117	0
3,3'-Dimethylbenzidine	0.709	0.922	-	-30*	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: JULIET	Calibration Date	: 07/10/25 09:18
Lab File ID	: ABN0710	Init. Calib. Date(s)	: 06/14/25 06/15/25
Sample No	: WG2089015-3	Init. Calib. Times	: 13:05 01:41
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0
n-Nitrosodimethylamine	0.546	0.574	-	-5.1	20	126	0
Pyridine	0.975	0.874	-	10.4	20	111	0
2-Fluorophenol	0.985	1.075	-	-9.1	20	133	0
Aniline	1.622	1.57	-	3.2	20	121	0
2-Chlorophenol	1.264	1.211	-	4.2	20	120	0
Phenol-d6	1.265	1.304	-	-3.1	20	130	0
Phenol	1.411	1.366	-	3.2	20	122	0
Bis(2-chloroethyl)ether	0.911	0.933	-	-2.4	20	129	0
1,3-Dichlorobenzene	1.548	1.475	-	4.7	20	124	0
1,4-Dichlorobenzene	1.574	1.475	-	6.3	20	120	0
1,2-Dichlorobenzene	1.517	1.44	-	5.1	20	123	0
Benzyl alcohol	0.892	0.873	-	2.1	20	118	0
Bis(2-chloroisopropyl)ethe	1.331	1.459	-	-9.6	20	139	0
2-Methylphenol	1.052	0.999	-	5	20	117	0
Hexachloroethane	0.495	0.51	-	-3	20	130	0
n-Nitrosodi-n-propylamine	0.777	0.745	-	4.1	20	122	0
3-Methylphenol/4-Methylphe	1.12	1.056	-	5.7	20	117	0
Nitrobenzene-d5	1.104	1.134	-	-2.7	20	124	0
Nitrobenzene	1.089	1.102	-	-1.2	20	125	0
Isophorone	2.147	2.002	-	6.8	20	120	0
2-Nitrophenol	0.624	0.723	-	-15.9	20	136	0
2,4-Dimethylphenol	1.254	1.177	-	6.1	20	116	0
Bis(2-chloroethoxy)methane	1.33	1.291	-	2.9	20	124	0
2,4-Dichlorophenol	1.424	1.294	-	9.1	20	113	0
1,2,4-Trichlorobenzene	1.727	1.497	-	13.3	20	112	0
IS1_Naphthalene-d8	1	1	-	0	20	122	0
Naphthalene	1.063	0.964	-	9.3	20	116	0
Benzoic Acid	50	54.485	-	-9	20	132	0
4-Chloroaniline	0.108	0.103	-	4.6	20	117	0
Hexachlorobutadiene	0.298	0.233	-	21.8*	20	103	0
p-Chloro-m-cresol	0.294	0.264	-	10.2	20	111	0
2-Methylnaphthalene	0.719	0.625	-	13.1	20	113	0
1-Methylnaphthalene	0.227	0.199	-	12.3	20	110	0
Hexachlorocyclopentadiene	0.323	0.214	-	33.7*	20	79	0
2,4,6-Trichlorophenol	0.342	0.267	-	21.9*	20	95	0
2,4,5-Trichlorophenol	0.371	0.301	-	18.9	20	109	0
2-Fluorobiphenyl	1.105	0.883	-	20.1*	20	102	0
2-Chloronaphthalene	0.883	0.75	-	15.1	20	111	0
2-Nitroaniline	0.223	0.231	-	-3.6	20	118	0
1,4-Dinitrobenzene	0.104	0.115	-	-10.6	20	122	0
1,3-Dinitrobenzene	0.124	0.121	-	2.4	20	109	0
Dimethyl phthalate	1.098	0.881	-	19.8	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/10/25 09:18	
Lab File ID	: ABN0710		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2089015-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.158	-	20.6*	20	100	0
2,6-Dinitrotoluene	0.2	0.185	-	7.5	20	108	0
1,2-Dinitrobenzene	0.08	0.072	-	10	20	102	0
IS1_Acenaphthene-d10	1	1	-	0	20	107	0
3-Nitroaniline	0.302	0.335	-	-10.9	20	116	0
Acenaphthene	1.179	1.037	-	12	20	99	0
2,4-Dinitrophenol	50	58.925	-	-17.8	20	136	0
Dibenzofuran	1.987	1.734	-	12.7	20	102	0
2,4-Dinitrotoluene	0.393	0.425	-	-8.1	20	109	0
4-Nitrophenol	0.189	0.208	-	-10.1	20	117	0
2,3,5,6-Tetrachlorophenol	0.472	0.416	-	11.9	20	97	0
2,3,4,6-Tetrachlorophenol	0.484	0.407	-	15.9	20	94	0
Diethyl phthalate	1.464	1.38	-	5.7	20	110	0
Fluorene	1.571	1.412	-	10.1	20	104	0
4-Chlorophenyl phenyl ethe	0.853	0.712	-	16.5	20	96	0
4-Nitroaniline	0.317	0.34	-	-7.3	20	113	0
4,6-Dinitro-o-cresol	50	61.379	-	-22.8*	20	139	0
NDPA/DPA	1.356	1.199	-	11.6	20	103	0
Azobenzene	1	0.994	-	0.6	20	111	0
2,4,6-Tribromophenol	0.254	0.241	-	5.1	20	107	0
4-Bromophenyl phenyl ether	0.539	0.445	-	17.4	20	99	0
Hexachlorobenzene	0.597	0.49	-	17.9	20	100	0
Pentachlorophenol	0.354	0.285	-	19.5	20	83	0
IS1_Phenanthrene-d10	1	1	-	0	20	101	0
Phenanthrene	1.151	1.034	-	10.2	20	98	0
Anthracene	1.169	1.07	-	8.5	20	99	0
Carbazole	1.1	1.012	-	8	20	102	0
Di-n-butylphthalate	1.153	1.172	-	-1.6	20	108	0
Fluoranthene	1.561	1.366	-	12.5	20	95	0
Benzidine	0.982	1.002	-	-2	20	109	0
Pyrene	1.633	1.416	-	13.3	20	94	0
4-Terphenyl-d14	1.213	1.053	-	13.2	20	95	0
Butyl benzyl phthalate	0.523	0.568	-	-8.6	20	108	0
IS1_Chrysene-d12	1	1	-	0	20	98	0
Benzo(a)anthracene	1.536	1.358	-	11.6	20	93	0
3,3'-Dichlorobenzidine	0.566	0.589	-	-4.1	20	105	0
Chrysene	1.37	1.22	-	10.9	20	94	0
Bis(2-ethylhexyl)phthalate	0.661	0.744	-	-12.6	20	107	0
Di-n-octylphthalate	1.154	1.36	-	-17.9	20	108	0
Benzo(b)fluoranthene	1.488	1.426	-	4.2	20	98	0
Benzo(k)fluoranthene	1.444	1.35	-	6.5	20	97	0
Benzo(a)pyrene	1.396	1.339	-	4.1	20	97	0
IS1_Perylene-d12	1	1	-	0	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: JULIET		**Calibration Date**	: 07/10/25 09:18	
Lab File ID	: ABN0710		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2089015-3		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.283	1.258	-	1.9	20	99	0
Dibenzo(a,h)anthracene	1.22	1.199	-	1.7	20	99	0
Benzo(ghi)perylene	1.239	1.142	-	7.8	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/10/25 09:41	
Lab File ID	: AP90710		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2089015-4		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
Benzaldehyde	0.862	0.763	-	11.5	20	89	0
Acetophenone	1.581	1.627	-	-2.9	20	100	0
m-Toluidine	1.448	1.442	-	0.4	20	91	0
2-Chloroaniline	1.607	1.616	-	-0.6	20	97	0
IS2_Naphthalene-d8	1	1	-	0	20	101	0
a-Terpineol	0.194	0.239	-	-23.2*	20	120	0
3-Chloroaniline	0.109	0.116	-	-6.4	20	108	0
2,6-Dichlorophenol	0.349	0.34	-	2.6	20	93	0
1-chloro-2-nitrobenzene	0.125	0.135	-	-8	20	102	0
Caprolactam	0.115	0.143	-	-24.3*	20	123	0
1,2,4,5-Tetrachlorobenzene	0.565	0.449	-	20.5*	20	79	0
Biphenyl	1.042	0.923	-	11.4	20	89	0
IS2_Acenaphthene-d10	1	1	-	0	20	93	0
Dichloran	0.218	0.226	-	-3.7	20	92	0
Pentachloronitrobenzene	0.19	0.193	-	-1.6	20	86	0
IS2_Phenanthrene-d10	1	1	-	0	20	89	0
Diphenamid	0.529	0.526	-	0.6	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: GCMS5		Calibration Date	: 07/10/25 10:32	
Lab File ID	: ABN0710		Init. Calib. Date(s)	: 05/18/25	05/19/25
Sample No	: WG2089069-3		Init. Calib. Times	: 22:26	11:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
n-Nitrosodimethylamine	0.747	0.743	-	0.5	20	95	0
Pyridine	1.287	1.087	-	15.5	20	78	0
2-Fluorophenol	1.179	1.136	-	3.6	20	92	0
Aniline	2.003	1.897	-	5.3	20	90	0
2-Chlorophenol	1.403	1.353	-	3.6	20	93	0
Phenol-d6	1.505	1.411	-	6.2	20	89	0
Phenol	1.618	1.581	-	2.3	20	94	0
Bis(2-chloroethyl)ether	1.19	1.095	-	8	20	90	0
1,3-Dichlorobenzene	1.632	1.516	-	7.1	20	93	0
1,4-Dichlorobenzene	1.707	1.554	-	9	20	91	0
1,2-Dichlorobenzene	1.627	1.497	-	8	20	92	0
Benzyl alcohol	1.059	1.039	-	1.9	20	91	0
Bis(2-chloroisopropyl)ethe	1.782	1.948	-	-9.3	20	106	0
2-Methylphenol	1.2	1.171	-	2.4	20	92	0
Hexachloroethane	0.581	0.575	-	1	20	97	0
n-Nitrosodi-n-propylamine	0.941	0.929	-	1.3	20	92	0
3-Methylphenol/4-Methylphe	1.296	1.25	-	3.5	20	91	0
Nitrobenzene-d5	1.302	1.352	-	-3.8	20	95	0
Nitrobenzene	1.303	1.309	-	-0.5	20	92	0
Isophorone	2.548	2.439	-	4.3	20	89	0
2-Nitrophenol	0.621	0.758	-	-22.1*	20	104	0
2,4-Dimethylphenol	1.347	1.286	-	4.5	20	89	0
Bis(2-chloroethoxy)methane	1.62	1.513	-	6.6	20	89	0
2,4-Dichlorophenol	1.332	1.299	-	2.5	20	91	0
1,2,4-Trichlorobenzene	1.55	1.448	-	6.6	20	92	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.151	1.059	-	8	20	91	0
Benzoic Acid	0.253	0.263	-	-4	20	94	0
4-Chloroaniline	0.131	0.127	-	3.1	20	93	0
Hexachlorobutadiene	0.251	0.236	-	6	20	92	0
p-Chloro-m-cresol	0.31	0.303	-	2.3	20	90	0
2-Methylnaphthalene	0.713	0.66	-	7.4	20	90	0
1-Methylnaphthalene	0.248	0.221	-	10.9	20	86	0
Hexachlorocyclopentadiene	0.287	0.275	-	4.2	20	88	0
2,4,6-Trichlorophenol	0.277	0.291	-	-5.1	20	96	0
2,4,5-Trichlorophenol	0.297	0.308	-	-3.7	20	93	0
2-Fluorobiphenyl	0.987	0.884	-	10.4	20	87	0
2-Chloronaphthalene	0.819	0.773	-	5.6	20	92	0
2-Nitroaniline	0.228	0.262	-	-14.9	20	99	0
1,4-Dinitrobenzene	0.101	0.12	-	-18.8	20	104	0
1,3-Dinitrobenzene	0.124	0.135	-	-8.9	20	97	0
Dimethyl phthalate	0.968	0.933	-	3.6	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: GCMS5		Calibration Date	: 07/10/25 10:32	
Lab File ID	: ABN0710		Init. Calib. Date(s)	: 05/18/25	05/19/25
Sample No	: WG2089069-3		Init. Calib. Times	: 22:26	11:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.356	1.293	-	4.6	20	89	0
2,6-Dinitrotoluene	0.18	0.21	-	-16.7	20	98	0
1,2-Dinitrobenzene	0.079	0.084	-	-6.3	20	93	0
IS1_Acenaphthene-d10	1	1	-	0	20	96	0
3-Nitroaniline	0.327	0.368	-	-12.5	20	97	0
Acenaphthene	1.203	1.105	-	8.1	20	89	0
2,4-Dinitrophenol	0.163	0.222	-	-36.2*	20	124	0
Dibenzofuran	1.953	1.783	-	8.7	20	88	0
2,4-Dinitrotoluene	0.418	0.461	-	-10.3	20	95	0
4-Nitrophenol	0.22	0.272	-	-23.6*	20	108	0
2,3,5,6-Tetrachlorophenol	0.414	0.446	-	-7.7	20	97	0
2,3,4,6-Tetrachlorophenol	0.418	0.425	-	-1.7	20	92	0
Diethyl phthalate	1.515	1.492	-	1.5	20	94	0
Fluorene	1.579	1.462	-	7.4	20	87	0
4-Chlorophenyl phenyl ethe	0.769	0.708	-	7.9	20	88	0
4-Nitroaniline	0.341	0.367	-	-7.6	20	95	0
4,6-Dinitro-o-cresol	0.23	0.307	-	-33.5*	20	123	0
NDPA/DPA	1.328	1.241	-	6.6	20	90	0
Azobenzene	1.302	1.237	-	5	20	90	0
2,4,6-Tribromophenol	0.253	0.261	-	-3.2	20	97	0
4-Bromophenyl phenyl ether	0.514	0.474	-	7.8	20	91	0
Hexachlorobenzene	0.619	0.567	-	8.4	20	94	0
Pentachlorophenol	0.349	0.391	-	-12	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	96	0
Phenanthrene	1.249	1.16	-	7.1	20	91	0
Anthracene	1.246	1.183	-	5.1	20	90	0
Carbazole	1.164	1.121	-	3.7	20	92	0
Di-n-butylphthalate	1.261	1.334	-	-5.8	20	94	0
Fluoranthene	1.484	1.447	-	2.5	20	92	0
Benzidine	0.93	0.996	-	-7.1	20	105	0
Pyrene	1.608	1.54	-	4.2	20	91	0
4-Terphenyl-d14	1.274	1.129	-	11.4	20	86	0
Butyl benzyl phthalate	0.614	0.655	-	-6.7	20	95	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.398	1.36	-	2.7	20	87	0
3,3'-Dichlorobenzidine	0.532	0.553	-	-3.9	20	85	0
Chrysene	1.326	1.253	-	5.5	20	89	0
Bis(2-ethylhexyl)phthalate	0.719	0.797	-	-10.8	20	88	0
Di-n-octylphthalate	1.266	1.414	-	-11.7	20	89	0
Benzo(b)fluoranthene	1.558	1.455	-	6.6	20	85	0
Benzo(k)fluoranthene	1.51	1.303	-	13.7	20	81	0
Benzo(a)pyrene	1.45	1.334	-	8	20	84	0
IS1_Perylene-d12	1	1	-	0	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: GCMS5		**Calibration Date**	: 07/10/25 10:32	
Lab File ID	: ABN0710		**Init. Calib. Date(s)**	: 05/18/25	05/19/25
Sample No	: WG2089069-3		**Init. Calib. Times**	: 22:26	11:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.251	1.284	-	-2.6	20	85	0
Dibenzo(a,h)anthracene	1.247	1.241	-	0.5	20	82	0
Benzo(ghi)perylene	1.197	1.249	-	-4.3	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: GCMS5		Calibration Date	: 07/10/25 10:58	
Lab File ID	: AP90710		Init. Calib. Date(s)	: 05/18/25	05/19/25
Sample No	: WG2089069-4		Init. Calib. Times	: 22:26	11:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
Benzaldehyde	1.11	0.902	-	18.7	20	64	0
Acetophenone	1.931	1.925	-	0.3	20	78	0
m-Toluidine	1.793	1.683	-	6.1	20	70	0
2-Chloroaniline	1.798	1.835	-	-2.1	20	78	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.299	0.282	-	5.7	20	75	0
3-Chloroaniline	0.163	0.131	-	19.6	20	66	0
2,6-Dichlorophenol	0.329	0.301	-	8.5	20	72	0
1-chloro-2-nitrobenzene	0.144	0.143	-	0.7	20	78	0
Caprolactam	0.196	0.165	-	15.8	20	66	0
1,2,4,5-Tetrachlorobenzene	0.4	0.318	-	20.5*	20	66	0
Biphenyl	0.95	0.849	-	10.6	20	73	0
IS2_Acenaphthene-d10	1	1	-	0	20	72	0
Dichloran	50	49.668	-	0.7	20	71	0
Pentachloronitrobenzene	0.164	0.139	-	15.2	20	55	0
IS2_Phenanthrene-d10	1	1	-	0	20	68	0
Diphenamid	0.528	0.551	-	-4.4	20	66	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/12/25 07:53	
Lab File ID	: ABN0712		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2089838-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	111	0
n-Nitrosodimethylamine	0.546	0.557	-	-2	20	113	0
Pyridine	0.975	0.845	-	13.3	20	99	0
2-Fluorophenol	0.985	1.034	-	-5	20	117	0
Aniline	1.622	1.571	-	3.1	20	111	0
2-Chlorophenol	1.264	1.216	-	3.8	20	111	0
Phenol-d6	1.265	1.297	-	-2.5	20	119	0
Phenol	1.411	1.375	-	2.6	20	113	0
Bis(2-chloroethyl)ether	0.911	0.937	-	-2.9	20	119	0
1,3-Dichlorobenzene	1.548	1.468	-	5.2	20	114	0
1,4-Dichlorobenzene	1.574	1.535	-	2.5	20	115	0
1,2-Dichlorobenzene	1.517	1.46	-	3.8	20	115	0
Benzyl alcohol	0.892	0.919	-	-3	20	114	0
Bis(2-chloroisopropyl)ethe	1.331	1.466	-	-10.1	20	129	0
2-Methylphenol	1.052	1.023	-	2.8	20	111	0
Hexachloroethane	0.495	0.508	-	-2.6	20	120	0
n-Nitrosodi-n-propylamine	0.777	0.785	-	-1	20	118	0
3-Methylphenol/4-Methylphe	1.12	1.096	-	2.1	20	112	0
Nitrobenzene-d5	1.104	1.182	-	-7.1	20	119	0
Nitrobenzene	1.089	1.161	-	-6.6	20	122	0
Isophorone	2.147	2.115	-	1.5	20	117	0
2-Nitrophenol	0.624	0.728	-	-16.7	20	126	0
2,4-Dimethylphenol	1.254	1.206	-	3.8	20	109	0
Bis(2-chloroethoxy)methane	1.33	1.351	-	-1.6	20	119	0
2,4-Dichlorophenol	1.424	1.359	-	4.6	20	109	0
1,2,4-Trichlorobenzene	1.727	1.514	-	12.3	20	104	0
IS1_Naphthalene-d8	1	1	-	0	20	117	0
Naphthalene	1.063	0.96	-	9.7	20	111	0
Benzoic Acid	50	52.886	-	-5.8	20	123	0
4-Chloroaniline	0.108	0.1	-	7.4	20	109	0
Hexachlorobutadiene	0.298	0.234	-	21.5*	20	99	0
p-Chloro-m-cresol	0.294	0.265	-	9.9	20	106	0
2-Methylnaphthalene	0.719	0.631	-	12.2	20	110	0
1-Methylnaphthalene	0.227	0.199	-	12.3	20	106	0
Hexachlorocyclopentadiene	0.323	0.181	-	44*	20	64	0
2,4,6-Trichlorophenol	0.342	0.268	-	21.6*	20	91	0
2,4,5-Trichlorophenol	0.371	0.31	-	16.4	20	107	0
2-Fluorobiphenyl	1.105	0.884	-	20	20	98	0
2-Chloronaphthalene	0.883	0.774	-	12.3	20	109	0
2-Nitroaniline	0.223	0.24	-	-7.6	20	117	0
1,4-Dinitrobenzene	0.104	0.115	-	-10.6	20	116	0
1,3-Dinitrobenzene	0.124	0.128	-	-3.2	20	110	0
Dimethyl phthalate	1.098	0.896	-	18.4	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/12/25 07:53	
Lab File ID	: ABN0712		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2089838-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.216	-	16.7	20	101	0
2,6-Dinitrotoluene	0.2	0.187	-	6.5	20	104	0
1,2-Dinitrobenzene	0.08	0.079	-	1.3	20	107	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.302	0.33	-	-9.3	20	111	0
Acenaphthene	1.179	1.06	-	10.1	20	98	0
2,4-Dinitrophenol	50	52.275	-	-4.5	20	116	0
Dibenzofuran	1.987	1.8	-	9.4	20	103	0
2,4-Dinitrotoluene	0.393	0.43	-	-9.4	20	107	0
4-Nitrophenol	0.189	0.199	-	-5.3	20	109	0
2,3,5,6-Tetrachlorophenol	0.472	0.398	-	15.7	20	90	0
2,3,4,6-Tetrachlorophenol	0.484	0.398	-	17.8	20	89	0
Diethyl phthalate	1.464	1.373	-	6.2	20	106	0
Fluorene	1.571	1.415	-	9.9	20	101	0
4-Chlorophenyl phenyl ethe	0.853	0.723	-	15.2	20	94	0
4-Nitroaniline	0.317	0.327	-	-3.2	20	106	0
4,6-Dinitro-o-cresol	50	59.048	-	-18.1	20	129	0
NDPA/DPA	1.356	1.189	-	12.3	20	99	0
Azobenzene	1	0.988	-	1.2	20	107	0
2,4,6-Tribromophenol	0.254	0.242	-	4.7	20	104	0
4-Bromophenyl phenyl ether	0.539	0.44	-	18.4	20	95	0
Hexachlorobenzene	0.597	0.51	-	14.6	20	101	0
Pentachlorophenol	0.354	0.253	-	28.5*	20	71	0
IS1_Phenanthrene-d10	1	1	-	0	20	98	0
Phenanthrene	1.151	1.032	-	10.3	20	95	0
Anthracene	1.169	1.055	-	9.8	20	94	0
Carbazole	1.1	0.974	-	11.5	20	95	0
Di-n-butylphthalate	1.153	1.128	-	2.2	20	100	0
Fluoranthene	1.561	1.32	-	15.4	20	89	0
Benzidine	0.982	0.947	-	3.6	20	99	0
Pyrene	1.633	1.407	-	13.8	20	90	0
4-Terphenyl-d14	1.213	1.018	-	16.1	20	89	0
Butyl benzyl phthalate	0.523	0.544	-	-4	20	100	0
IS1_Chrysene-d12	1	1	-	0	20	87	0
Benzo(a)anthracene	1.536	1.349	-	12.2	20	82	0
3,3'-Dichlorobenzidine	0.566	0.574	-	-1.4	20	91	0
Chrysene	1.37	1.229	-	10.3	20	84	0
Bis(2-ethylhexyl)phthalate	0.661	0.751	-	-13.6	20	96	0
Di-n-octylphthalate	1.154	1.352	-	-17.2	20	95	0
Benzo(b)fluoranthene	1.488	1.415	-	4.9	20	87	0
Benzo(k)fluoranthene	1.444	1.336	-	7.5	20	86	0
Benzo(a)pyrene	1.396	1.338	-	4.2	20	86	0
IS1_Perylene-d12	1	1	-	0	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: JULIET		**Calibration Date**	: 07/12/25 07:53	
Lab File ID	: ABN0712		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2089838-3		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.283	1.235	-	3.7	20	86	0
Dibenzo(a,h)anthracene	1.22	1.16	-	4.9	20	86	0
Benzo(ghi)perylene	1.239	1.133	-	8.6	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: JULIET		Calibration Date	: 07/12/25 08:17	
Lab File ID	: AP90712		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2089838-4		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
Benzaldehyde	0.862	0.78	-	9.5	20	91	0
Acetophenone	1.581	1.701	-	-7.6	20	105	0
m-Toluidine	1.448	1.433	-	1	20	90	0
2-Chloroaniline	1.607	1.697	-	-5.6	20	103	0
IS2_Naphthalene-d8	1	1	-	0	20	104	0
a-Terpineol	0.194	0.246	-	-26.8*	20	126	0
3-Chloroaniline	0.109	0.118	-	-8.3	20	113	0
2,6-Dichlorophenol	0.349	0.348	-	0.3	20	97	0
1-chloro-2-nitrobenzene	0.125	0.139	-	-11.2	20	108	0
Caprolactam	0.115	0.147	-	-27.8*	20	128	0
1,2,4,5-Tetrachlorobenzene	0.565	0.461	-	18.4	20	83	0
Biphenyl	1.042	0.953	-	8.5	20	94	0
IS2_Acenaphthene-d10	1	1	-	0	20	98	0
Dichloran	0.218	0.242	-	-11	20	105	0
Pentachloronitrobenzene	0.19	0.2	-	-5.3	20	95	0
IS2_Phenanthrene-d10	1	1	-	0	20	97	0
Diphenamid	0.529	0.523	-	1.1	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/13/25 12:23	
Lab File ID	: ABN0713		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090054-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
n-Nitrosodimethylamine	0.69	0.696	-	-0.9	20	108	0
Pyridine	1.046	1.041	-	0.5	20	107	0
2-Fluorophenol	1.064	1.167	-	-9.7	20	115	0
Aniline	1.74	1.821	-	-4.7	20	110	0
2-Chlorophenol	1.252	1.388	-	-10.9	20	116	0
Phenol-d6	1.388	1.371	-	1.2	20	102	0
Phenol	1.596	1.508	-	5.5	20	99	0
Bis(2-chloroethyl)ether	1.057	0.988	-	6.5	20	97	0
1,3-Dichlorobenzene	1.515	1.557	-	-2.8	20	109	0
1,4-Dichlorobenzene	1.562	1.571	-	-0.6	20	107	0
1,2-Dichlorobenzene	1.504	1.518	-	-0.9	20	107	0
Benzyl alcohol	1.045	0.938	-	10.2	20	92	0
Bis(2-chloroisopropyl)ethe	1.197	1.204	-	-0.6	20	106	0
2-Methylphenol	1.1	1.103	-	-0.3	20	104	0
Hexachloroethane	0.534	0.549	-	-2.8	20	108	0
n-Nitrosodi-n-propylamine	0.885	0.785	-	11.3	20	95	0
3-Methylphenol/4-Methylphe	1.183	1.198	-	-1.3	20	105	0
Nitrobenzene-d5	1.237	1.185	-	4.2	20	98	0
Nitrobenzene	1.258	1.179	-	6.3	20	96	0
Isophorone	2.374	2.101	-	11.5	20	95	0
2-Nitrophenol	0.618	0.752	-	-21.7*	20	117	0
2,4-Dimethylphenol	1.181	1.228	-	-4	20	111	0
Bis(2-chloroethoxy)methane	1.439	1.36	-	5.5	20	99	0
2,4-Dichlorophenol	1.254	1.212	-	3.3	20	100	0
1,2,4-Trichlorobenzene	1.48	1.321	-	10.7	20	96	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.064	1.064	-	0	20	106	0
Benzoic Acid	0.235	0.219	-	6.8	20	88	0
4-Chloroaniline	0.121	0.104	-	14	20	92	0
Hexachlorobutadiene	0.284	0.227	-	20.1*	20	86	0
p-Chloro-m-cresol	0.306	0.296	-	3.3	20	100	0
2-Methylnaphthalene	0.729	0.664	-	8.9	20	97	0
1-Methylnaphthalene	0.248	0.207	-	16.5	20	88	0
Hexachlorocyclopentadiene	0.288	0.261	-	9.4	20	90	0
2,4,6-Trichlorophenol	0.295	0.262	-	11.2	20	93	0
2,4,5-Trichlorophenol	0.308	0.285	-	7.5	20	94	0
2-Fluorobiphenyl	0.948	0.828	-	12.7	20	92	0
2-Chloronaphthalene	0.787	0.73	-	7.2	20	98	0
2-Nitroaniline	0.217	0.248	-	-14.3	20	110	0
1,4-Dinitrobenzene	0.096	0.106	-	-10.4	20	102	0
1,3-Dinitrobenzene	0.111	0.114	-	-2.7	20	98	0
Dimethyl phthalate	0.94	0.843	-	10.3	20	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/13/25 12:23	
Lab File ID	: ABN0713		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090054-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.178	-	2.6	20	104	0
2,6-Dinitrotoluene	0.188	0.182	-	3.2	20	97	0
1,2-Dinitrobenzene	0.07	0.114	-	-62.9*	20	160	0
IS1_Acenaphthene-d10	1	1	-	0	20	89	0
3-Nitroaniline	0.313	0.383	-	-22.4*	20	106	0
Acenaphthene	1.112	1.143	-	-2.8	20	97	0
2,4-Dinitrophenol	0.168	0.19	-	-13.1	20	94	0
Dibenzofuran	1.834	1.846	-	-0.7	20	95	0
2,4-Dinitrotoluene	0.406	0.455	-	-12.1	20	100	0
4-Nitrophenol	0.217	0.203	-	6.5	20	82	0
2,3,5,6-Tetrachlorophenol	0.461	0.419	-	9.1	20	82	0
2,3,4,6-Tetrachlorophenol	0.447	0.412	-	7.8	20	84	0
Diethyl phthalate	1.467	1.564	-	-6.6	20	101	0
Fluorene	1.465	1.46	-	0.3	20	94	0
4-Chlorophenyl phenyl ethe	0.76	0.707	-	7	20	89	0
4-Nitroaniline	0.322	0.373	-	-15.8	20	102	0
4,6-Dinitro-o-cresol	0.221	0.282	-	-27.6*	20	103	0
NDPA/DPA	1.234	1.239	-	-0.4	20	96	0
Azobenzene	1.225	1.177	-	3.9	20	90	0
2,4,6-Tribromophenol	0.287	0.283	-	1.4	20	88	0
4-Bromophenyl phenyl ether	0.541	0.492	-	9.1	20	87	0
Hexachlorobenzene	0.637	0.603	-	5.3	20	90	0
Pentachlorophenol	0.399	0.325	-	18.5	20	70	0
IS1_Phenanthrene-d10	1	1	-	0	20	84	0
Phenanthrene	1.106	1.128	-	-2	20	93	0
Anthracene	1.108	1.177	-	-6.2	20	95	0
Carbazole	1.016	1.105	-	-8.8	20	98	0
Di-n-butylphthalate	1.165	1.394	-	-19.7	20	104	0
Fluoranthene	1.381	1.43	-	-3.5	20	94	0
Benzidine	0.796	0.963	-	-21*	20	105	0
Pyrene	1.441	1.458	-	-1.2	20	91	0
4-Terphenyl-d14	1.119	1.104	-	1.3	20	90	0
Butyl benzyl phthalate	0.478	0.683	-	-42.9*	20	113	0
IS1_Chrysene-d12	1	1	-	0	20	78	0
Benzo(a)anthracene	1.344	1.391	-	-3.5	20	88	0
3,3'-Dichlorobenzidine	0.495	0.542	-	-9.5	20	87	0
Chrysene	1.249	1.242	-	0.6	20	86	0
Bis(2-ethylhexyl)phthalate	0.636	0.915	-	-43.9*	20	110	0
Di-n-octylphthalate	1.08	1.628	-	-50.7*	20	111	0
Benzo(b)fluoranthene	1.382	1.503	-	-8.8	20	94	0
Benzo(k)fluoranthene	1.303	1.375	-	-5.5	20	85	0
Benzo(a)pyrene	1.251	1.386	-	-10.8	20	92	0
IS1_Perylene-d12	1	1	-	0	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2541710	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: MORK		**Calibration Date**	: 07/13/25 12:23	
Lab File ID	: ABN0713		**Init. Calib. Date(s)**	: 11/10/24	11/11/24
Sample No	: WG2090054-3		**Init. Calib. Times**	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.223	1.313	-	-7.4	20	89	0
Dibenzo(a,h)anthracene	1.158	1.218	-	-5.2	20	88	0
Benzo(ghi)perylene	1.123	1.239	-	-10.3	20	93	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087146-2	Analysis Date : 07/10/25 10:52	File ID : 087146-2
LCSD Sample ID	: WG2087146-3	Analysis Date : 07/10/25 11:16	File ID : 087146-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	980	75	1300	830	62	19	31-137	50
Hexachlorobenzene	1300	960	74	1300	820	62	18	40-140	50
Bis(2-chloroethyl)ether	1300	1000	78	1300	1000	75	4	40-140	50
2-Chloronaphthalene	1300	950	73	1300	820	62	16	40-140	50
3,3'-Dichlorobenzidine	1300	1000	77	1300	870	65	17	40-140	50
2,4-Dinitrotoluene	1300	1200	94	1300	1000	79	17	40-132	50
2,6-Dinitrotoluene	1300	1100	86	1300	960	72	18	40-140	50
Fluoranthene	1300	990	76	1300	820	62	20	40-140	50
4-Chlorophenyl phenyl ether	1300	940	72	1300	790	59	20	40-140	50
4-Bromophenyl phenyl ether	1300	940	72	1300	770	58	22	40-140	50
Bis(2-chloroisopropyl)ether	1300	1100	87	1300	1100	81	7	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	79	1300	990	74	7	40-117	50
Hexachlorobutadiene	1300	850	65	1300	730	55	17	40-140	50
Hexachlorocyclopentadiene	1300	550	42	1300	470	36 Q	15	40-140	50
Hexachloroethane	1300	1000	77	1300	940	70	10	40-140	50
Isophorone	1300	970	74	1300	940	71	4	40-140	50
Naphthalene	1300	1000	76	1300	870	66	14	40-140	50
Nitrobenzene	1300	1000	79	1300	1000	77	3	40-140	50
NDPA/DPA	1300	1000	76	1300	850	64	17	36-157	50
n-Nitrosodi-n-propylamine	1300	1000	77	1300	980	74	4	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1300	98	1300	1000	79	21	40-140	50
Butyl benzyl phthalate	1300	1200	96	1300	1000	77	22	40-140	50
Di-n-butylphthalate	1300	1100	88	1300	950	72	20	40-140	50
Di-n-octylphthalate	1300	1400	104	1300	1100	82	24	40-140	50
Diethyl phthalate	1300	1100	82	1300	890	67	20	40-140	50
Dimethyl phthalate	1300	960	73	1300	800	60	20	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087146-2	Analysis Date : 07/10/25 10:52	File ID : 087146-2
LCSD Sample ID	: WG2087146-3	Analysis Date : 07/10/25 11:16	File ID : 087146-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1000	77	1300	830	63	20	40-140	50
Benzo(a)pyrene	1300	1100	84	1300	920	69	20	40-140	50
Benzo(b)fluoranthene	1300	1100	84	1300	900	68	21	40-140	50
Benzo(k)fluoranthene	1300	1100	86	1300	920	69	22	40-140	50
Chrysene	1300	1000	78	1300	820	62	23	40-140	50
Acenaphthylene	1300	950	72	1300	820	62	15	40-140	50
Anthracene	1300	1000	80	1300	860	65	21	40-140	50
Benzo(ghi)perylene	1300	1100	83	1300	910	68	20	40-140	50
Fluorene	1300	1000	78	1300	850	64	20	40-140	50
Phenanthrene	1300	1000	79	1300	840	63	23	40-140	50
Dibenzo(a,h)anthracene	1300	1100	82	1300	880	66	22	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1100	82	1300	900	68	19	40-140	50
Pyrene	1300	1000	77	1300	850	64	18	35-142	50
Biphenyl	1300	970	74	1300	860	65	13	37-127	50
4-Chloroaniline	1300	840	65	1300	750	56	15	40-140	50
2-Nitroaniline	1300	1200	94	1300	1100	81	15	47-134	50
3-Nitroaniline	1300	1100	83	1300	940	71	16	26-129	50
4-Nitroaniline	1300	1200	92	1300	1000	78	16	41-125	50
Dibenzofuran	1300	980	75	1300	840	63	17	40-140	50
2-Methylnaphthalene	1300	1000	77	1300	840	63	20	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	870	67	1300	730	55	20	40-117	50
Acetophenone	1300	1100	83	1300	1000	78	6	14-144	50
2,4,6-Trichlorophenol	1300	940	72	1300	820	62	15	30-130	50
p-Chloro-m-cresol	1300	1100	84	1300	920	70	18	26-103	50
2-Chlorophenol	1300	1000	80	1300	1000	76	5	25-102	50
2,4-Dichlorophenol	1300	980	75	1300	930	70	7	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2087146-2	Analysis Date : 07/10/25 10:52	File ID : 087146-2
LCSD Sample ID	: WG2087146-3	Analysis Date : 07/10/25 11:16	File ID : 087146-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1000	78	1300	960	72	8	30-130	50
2-Nitrophenol	1300	1200	88	1300	1100	82	7	30-130	50
4-Nitrophenol	1300	1300	100	1300	1100	83	19	11-114	50
2,4-Dinitrophenol	1300	1300	98	1300	1100	83	17	4-130	50
4,6-Dinitro-o-cresol	1300	1400	104	1300	1100	86	19	10-130	50
Pentachlorophenol	1300	880	67	1300	780	59	13	17-109	50
Phenol	1300	1000	80	1300	1000	76	5	26-90	50
2-Methylphenol	1300	1000	79	1300	970	73	8	30-130.	50
3-Methylphenol/4-Methylphenol	1300	1000	80	1300	1000	75	6	30-130	50
2,4,5-Trichlorophenol	1300	990	76	1300	830	62	20	30-130	50
Carbazole	1300	1000	80	1300	870	66	19	54-128	50
Atrazine	1300	1100	81	1300	900	68	17	40-140	50
Benzaldehyde	1300	1000	78	1300	1000	76	3	40-140	50
Caprolactam	1300	1500	116	1300	1300	101	14	15-130	50
2,3,4,6-Tetrachlorophenol	1300	930	71	1300	790	59	18	40-140	50
1,4-Dioxane	1300	990	76	1300	910	68	11	40-140	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/10/25 18:20
Matrix Spike	: WG2087146-4	MS Analysis Date	: 07/10/25 18:43
Matrix Spike Dup	: WG2087146-5	MSD Analysis Date	: 07/10/25 19:07

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	180	1720	1300	65		1710	1400	71		7	31-137	50
Hexachlorobenzene	ND	1720	910	53		1710	1000	58		9	40-140	50
Bis(2-chloroethyl)ether	ND	1720	1500	87		1710	1500	88		0	40-140	50
2-Chloronaphthalene	ND	1720	1200	70		1710	1200	70		0	40-140	50
3,3'-Dichlorobenzidine	ND	1720	780	45		1710	840	49		7	40-140	50
2,4-Dinitrotoluene	ND	1720	980	57		1710	1100	64		12	40-132	50
2,6-Dinitrotoluene	ND	1720	950	55		1710	1000	58		5	40-140	50
Fluoranthene	2000	1720	2700	41		1710	3000	58		11	40-140	50
4-Chlorophenyl phenyl ether	ND	1720	1100	64		1710	1100	64		0	40-140	50
4-Bromophenyl phenyl ether	ND	1720	970	57		1710	1100	64		13	40-140	50
Bis(2-chloroisopropyl)ether	ND	1720	1700	99		1710	1800	110		6	40-140	50
Bis(2-chloroethoxy)methane	ND	1720	1400	82		1710	1500	88		7	40-117	50
Hexachlorobutadiene	ND	1720	930	54		1710	990	58		6	40-140	50
Hexachlorocyclopentadiene	ND	1720	ND	0	Q	1710	ND	0	Q	NC	40-140	50
Hexachloroethane	ND	1720	840	49		1710	880	51		5	40-140	50
Isophorone	ND	1720	1300	76		1710	1400	82		7	40-140	50
Naphthalene	220	1720	1500	87		1710	1800	110		18	40-140	50
Nitrobenzene	ND	1720	1500	87		1710	1400	82		7	40-140	50
NDPA/DPA	ND	1720	1100	64		1710	1300	76		17	36-157	50
n-Nitrosodi-n-propylamine	ND	1720	1500	87		1710	1500	88		0	32-121	50
Bis(2-ethylhexyl)phthalate	120J	1720	1600	93		1710	1900	110		17	40-140	50
Butyl benzyl phthalate	ND	1720	1200	70		1710	1200	70		0	40-140	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/10/25 18:20
Matrix Spike	: WG2087146-4	MS Analysis Date	: 07/10/25 18:43
Matrix Spike Dup	: WG2087146-5	MSD Analysis Date	: 07/10/25 19:07

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	ND	1720	1200	70	1710	1300	76	8	40-140	50
Di-n-octylphthalate	ND	1720	1500	87	1710	1800	110	18	40-140	50
Diethyl phthalate	ND	1720	1200	70	1710	1200	70	0	40-140	50
Dimethyl phthalate	ND	1720	1000	58	1710	1100	64	10	40-140	50
Benzo(a)anthracene	1000	1720	2000	58	1710	2300	76	14	40-140	50
Benzo(a)pyrene	1000	1720	1800	47	1710	2100	64	15	40-140	50
Benzo(b)fluoranthene	1200	1720	2000	47	1710	2200	58	10	40-140	50
Benzo(k)fluoranthene	370	1720	1300	54	1710	1500	66	14	40-140	50
Chrysene	1100	1720	2000	52	1710	2200	64	10	40-140	50
Acenaphthylene	160J	1720	1200	70	1710	1300	76	8	40-140	50
Anthracene	400	1720	1500	64	1710	1600	70	6	40-140	50
Benzo(ghi)perylene	680	1720	1600	54	1710	1600	54	0	40-140	50
Fluorene	190J	1720	1400	82	1710	1500	88	7	40-140	50
Phenanthrene	1900	1720	2600	41	1710	3300	82	24	40-140	50
Dibenzo(a,h)anthracene	130	1720	1200	70	1710	1200	70	0	40-140	50
Indeno(1,2,3-cd)pyrene	620	1720	1500	51	1710	1600	57	6	40-140	50
Pyrene	1900	1720	2600	41	1710	2800	53	7	35-142	50
Biphenyl	ND	1720	1200	70	1710	1300	76	8	37-127	50
4-Chloroaniline	ND	1720	1300	76	1710	1300	76	0	40-140	50
2-Nitroaniline	ND	1720	1600	93	1710	1600	94	0	47-134	50
3-Nitroaniline	ND	1720	1500	87	1710	1600	94	6	26-129	50
4-Nitroaniline	ND	1720	1600	93	1710	1600	94	0	41-125	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/10/25 18:20
Matrix Spike	: WG2087146-4	MS Analysis Date	: 07/10/25 18:43
Matrix Spike Dup	: WG2087146-5	MSD Analysis Date	: 07/10/25 19:07

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Dibenzofuran	91J	1720	1200	70		1710	1300	76		8	40-140	50
2-Methylnaphthalene	62J	1720	1300	76		1710	1500	88		14	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1720	1000	58		1710	1000	58		0	40-117	50
Acetophenone	ND	1720	1500	87		1710	1600	94		6	14-144	50
2,4,6-Trichlorophenol	ND	1720	600	35		1710	580	34		3	30-130	50
p-Chloro-m-cresol	ND	1720	1200	70		1710	1400	82		15	26-103	50
2-Chlorophenol	ND	1720	1300	76		1710	1300	76		0	25-102	50
2,4-Dichlorophenol	ND	1720	1100	64		1710	1200	70		9	30-130	50
2,4-Dimethylphenol	ND	1720	1100	64		1710	1200	70		9	30-130	50
2-Nitrophenol	ND	1720	790	46		1710	850	50		7	30-130	50
4-Nitrophenol	ND	1720	440	26		1710	450	26		2	11-114	50
2,4-Dinitrophenol	ND	1720	ND	0	Q	1710	ND	0	Q	NC	4-130	50
4,6-Dinitro-o-cresol	ND	1720	ND	0	Q	1710	ND	0	Q	NC	10-130	50
Pentachlorophenol	ND	1720	140J	8	Q	1710	140J	8	Q	0	17-109	50
Phenol	ND	1720	1400	82		1710	1400	82		0	26-90	50
2-Methylphenol	ND	1720	1200	70		1710	1300	76		8	30-130	50
3-Methylphenol/4-Methylphenol	90J	1720	1400	82		1710	1400	82		0	30-130	50
2,4,5-Trichlorophenol	ND	1720	910	53		1710	880	51		3	30-130	50
Carbazole	140J	1720	1200	70		1710	1400	82		15	54-128	50
Atrazine	ND	1720	1200	70		1710	1300	76		8	40-140	50
Benzaldehyde	ND	1720	1700	99		1710	1600	94		6	40-140	50
Caprolactam	ND	1720	2000	120		1710	2000	120		0	15-130	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/10/25 18:20
Matrix Spike	: WG2087146-4	MS Analysis Date	: 07/10/25 18:43
Matrix Spike Dup	: WG2087146-5	MSD Analysis Date	: 07/10/25 19:07

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	1720	280	16	Q	1710	280	16	Q	0	40-140	50
1,4-Dioxane	ND	1720	1200	70		1710	1200	70		0	40-140	50

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
25SB-1 (0-2) (L2541710-01)	67	67	64	51	52	42	0
25SB-1 (9-11) (L2541710-02)	74	73	81	51	47	51	0
25SB-1 (12-13) (L2541710-03)	67	72	81	53	53	46	0
25SB-2 (0-2) (L2541710-04D)	0*	20	75	71	0*	73	2
25SB-2 (0-2) (L2541710-04D\RE)	0*	11	33	53	0*	63	2
25SB-2 (12-13) (L2541710-05)	66	66	60	64	76	53	0
25SB-3 (0-2) (L2541710-06)	75	76	69	72	83	63	0
25SB-3 (12-13) (L2541710-07)	57	66	69	59	30	44	0
25SB-4 (0-2) (L2541710-08RE\D)	8*	24	57	74	0*	86	2
25SB-4 (0-2) (L2541710-08)	21*	48	62	61	2*	60	2
25SB-4 (7-9) (L2541710-09)	62	67	64	67	54	60	0
25SB-4 (12-13) (L2541710-10)	68	66	67	61	71	47	0
25SB-5 (0-2) (L2541710-11)	56	68	80	53	30	41	0
25SB-5 (11-12) (L2541710-12)	77	76	81	53	43	48	0
25SB-6 (0-2) (L2541710-13)	61	70	122*	50	38	43	1
25SB-6 (7-9) (L2541710-14D)	65	90	258*	54	44	56	1
25SB-6 (11-12) (L2541710-15)	57	69	128*	55	56	57	1
WG2087146-1BLANK	68	68	68	52	52	52	0
WG2087146-2LCS	79	77	78	66	74	72	0
WG2087146-3LCSD	73	72	73	56	60	58	0
25SB-5 (0-2)MS	59	73	83	54	33	46	0
25SB-5 (0-2)MSD	59	74	81	57	33	46	0
WG2089676-1BLANK	104	99	105	88	99	100	0
WG2089676-2LCS	89	80	74	62	70	70	0
WG2089676-3LCSD	89	81	76	63	73	73	0
WG2089813-1BLANK	80	72	67	61	62	60	0
WG2089813-2LCS	81	75	70	67	74	76	0
WG2089813-3LCSD	81	73	67	63	71	70	0

QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(30-120) FBP = 2-FLUOROBIPHENYL
(10-136) TBP = 2,4,6-TRIBROMOPHENOL
(18-120) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.762	0.797	0.687	0.675	0.691	0.594	0.637	0.689	0.677	0.695	0.690	8.21
3)	t	Pyridine	1.003	1.199	1.081	0.964	1.075	0.926	0.953	1.047	1.085	1.125	1.046	8.11
4)	S	2-Fluorophenol	1.126	1.213	1.039	1.039	1.028	0.915	0.999	1.080	1.074	1.128	1.064	7.62
5)	T	Aniline	1.796	2.162	1.651	1.708	1.698	1.517	1.630	1.737	1.726	1.770	1.740	9.68
6)	t	2-Chlorophenol	1.300	1.511	1.226	1.211	1.239	1.094	1.178	1.247	1.238	1.281	1.252	8.57
7)	S	Phenol-d6	1.436	1.597	1.383	1.323	1.373	1.211	1.317	1.415	1.400	1.431	1.388	7.18
8)	T	Phenol	1.693	1.844	1.598	1.506	1.560	1.402	1.500	1.605	1.599	1.654	1.596	7.55
9)	T	bis(2-Chloroethyl)ether	1.071	1.187	1.100	1.051	1.045	0.944	0.998	1.066	1.039	1.073	1.057	5.96
10)	T	1,3-Dichlorobenzene	1.592	1.801	1.551	1.555	1.496	1.348	1.408	1.461	1.442	1.492	1.515	8.20
11)	T	1,4-Dichlorobenzene	1.674	1.912	1.603	1.541	1.583	1.388	1.445	1.491	1.466	1.513	1.562	9.51
12)	T	1,2-Dichlorobenzene	1.599	1.818	1.585	1.484	1.511	1.329	1.391	1.456	1.394	1.475	1.504	9.23
13)	t	Benzyl alcohol	1.058	1.224	0.992	1.024	1.019	0.935	0.999	1.065	1.035	1.102	1.045	7.42
14)	T	bis(2-chloroisopropyl)ether	1.363	1.432	1.213	1.191	1.175	1.065	1.113	1.158	1.119	1.143	1.197	9.59
15)	T	2-Methylphenol	1.079	1.339	1.094	1.069	1.106	0.976	1.041	1.098	1.077	1.124	1.100	8.47
16)	T	Hexachloroethane	0.526	0.626	0.556	0.535	0.532	0.480	0.502	0.518	0.518	0.544	0.534	7.29
17)	T	n-Nitrosodi-n-propylamine	0.943	1.083	0.906	0.873	0.867	0.782	0.815	0.869	0.838	0.877	0.885	9.36
18)	T	3-Methylphenol/4-Methylphenol	1.285	1.364	1.191	1.117	1.163	1.059	1.119	1.169	1.149	1.218	1.183	7.45
19)	S	Nitrobenzene-d5	1.275	1.358	1.235	1.226	1.233	1.122	1.185	1.245	1.225	1.267	1.237	4.92
20)	T	Nitrobenzene	1.250	1.440	1.257	1.239	1.271	1.134	1.213	1.260	1.238	1.281	1.258	6.04
21)	T	Isophorone	2.579	2.823	2.398	2.360	2.400	2.098	2.184	2.288	2.251	2.356	2.374	8.65
22)	T	2-Nitrophenol	0.513	0.646	0.582	0.559	0.622	0.580	0.633	0.685	0.672	0.692	0.618	9.53
23)	T	2,4-Dimethylphenol	1.251	1.480	1.171	1.119	1.152	1.038	1.090	1.162	1.143	1.208	1.181	10.18
24)	T	bis(2-Chloroethoxy)methane	1.580	1.739	1.476	1.386	1.402	1.233	1.349	1.407	1.378	1.439	1.439	9.57
25)	T	2,4-Dichlorophenol	1.175	1.531	1.250	1.214	1.257	1.124	1.191	1.258	1.238	1.300	1.254	8.74
26)	T	1,2,4-Trichlorobenzene	1.589	1.800	1.551	1.435	1.480	1.300	1.360	1.415	1.405	1.466	1.480	9.51
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.973	0.971	1.081	0.978	0.964	1.021	0.980	1.008	0.953	1.020	0.995	3.85
29)	T	Acetophenone	1.827	1.670	1.844	1.753	1.736	1.802	1.768	1.779	1.665	1.797	1.764	3.43
30)	T	m-Toluidine	1.557	1.521	1.692	1.634	1.638	1.756	1.697	1.723	1.609	1.721	1.655	4.63
31)	T	2-Chloroaniline	1.571	1.468	1.608	1.567	1.515	1.628	1.562	1.580	1.495	1.596	1.559	3.28
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.460	0.440	0.463	0.452	0.368	0.433	0.424	0.405	0.396	0.401	0.424	7.34
34)	T	n-Decane	1.090	1.002	0.925	0.962	0.906	0.989	0.940	0.931	0.903	0.911	0.956	6.07
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.173	1.325	1.085	1.121	1.049	0.938	0.986	1.002	0.979	0.988	1.064	10.96

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Ical Ref**	: ICAL21695
Calibration dates	: 11/10/24 21:39 11/11/24 10:02		

Calibration Files

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100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid				0.180	0.207	0.209	0.245	0.266	0.267	0.269	0.235	15.32
38)	T	4-Chloroaniline	0.131	0.151	0.122	0.118	0.116	0.106	0.112	0.115	0.118	0.119	0.121	10.22
39)	T	Hexachlorobutadiene	0.313	0.361	0.291	0.293	0.273	0.243	0.261	0.267	0.269	0.275	0.284	11.60
40)	T	p-Chloro-m-cresol	0.305	0.349	0.295	0.307	0.305	0.274	0.291	0.308	0.310	0.319	0.306	6.33
41)	T	2-Methylnaphthalene	0.766	0.904	0.737	0.731	0.728	0.642	0.674	0.712	0.693	0.703	0.729	9.70
42)	T	1-Methylnaphthalene	0.283	0.296	0.243	0.250	0.243	0.215	0.231	0.237	0.237	0.244	0.248	9.70
43)	T	Hexachlorocyclopentadiene	0.271	0.336	0.261	0.279	0.281	0.259	0.284	0.300	0.306	0.306	0.288	8.27
44)	T	2,4,6-Trichlorophenol	0.315	0.370	0.273	0.289	0.288	0.259	0.275	0.291	0.294	0.298	0.295	10.30
45)	T	2,4,5-Trichlorophenol	0.300	0.360	0.296	0.303	0.302	0.279	0.298	0.314	0.308	0.318	0.308	6.91
46)	S	2-Fluorobiphenyl	1.030	1.194	0.974	0.975	0.927	0.833	0.883	0.895	0.875	0.896	0.948	10.97
47)	T	2-Chloronaphthalene	0.840	0.967	0.810	0.791	0.777	0.690	0.729	0.755	0.749	0.764	0.787	9.62
48)	T	2-Nitroaniline	0.181	0.225	0.206	0.208	0.219	0.204	0.221	0.233	0.237	0.240	0.217	8.28
49)	T	1,4-Dinitrobenzene	0.076	0.091	0.081	0.089	0.096	0.090	0.102	0.108	0.110	0.113	0.096	13.13
50)	T	1,3-Dinitrobenzene	0.082	0.111	0.102	0.109	0.113	0.104	0.115	0.122	0.123	0.126	0.111	11.70
51)	T	Dimethyl phthalate	1.049	1.135	0.990	0.960	0.938	0.822	0.858	0.885	0.871	0.888	0.940	10.26
52)	T	Acenaphthylene	1.301	1.491	1.258	1.254	1.232	1.074	1.116	1.139	1.111	1.129	1.210	10.33
53)	T	2,6-Dinitrotoluene	0.177	0.198	0.189	0.183	0.194	0.172	0.184	0.196	0.192	0.199	0.188	4.83
54)	T	1,2-Dinitrobenzene	0.069	0.076	0.062	0.071	0.068	0.065	0.070	0.073	0.072	0.073	0.070	5.98
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.214	0.205	0.217	0.205	0.202	0.218	0.209	0.216	0.209	0.218	0.211	2.80
57)	T	3-Chloroaniline	0.150	0.115	0.132	0.137	0.134	0.133	0.128	0.136	0.125	0.136	0.133	6.90
58)	T	2,6-Dichlorophenol	0.324	0.300	0.327	0.312	0.321	0.334	0.330	0.337	0.321	0.332	0.324	3.39
59)	T	1-chloro-2-nitrobenzene	0.138	0.127	0.143	0.138	0.134	0.142	0.139	0.145	0.139	0.145	0.139	3.99
60)	T	Caprolactam	0.089	0.090	0.109	0.102	0.109	0.119	0.120	0.122	0.117	0.122	0.110	11.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.525	0.470	0.496	0.477	0.478	0.473	0.462	0.465	0.444	0.451	0.474	4.87
62)	T	Biphenyl	1.046	0.935	1.009	0.970	0.941	0.954	0.925	0.919	0.861	0.880	0.944	5.87
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.262	0.355	0.309	0.317	0.312	0.291	0.319	0.319	0.320	0.330	0.313	7.74
65)	T	Acenaphthene	1.234	1.381	1.161	1.112	1.121	0.975	1.041	1.030	1.025	1.043	1.112	10.92
66)	T	2,4-Dinitrophenol				0.122	0.142	0.147	0.179	0.193	0.197	0.197	0.168	18.31
67)	T	Dibenzofuran	1.987	2.329	1.931	1.872	1.817	1.609	1.723	1.707	1.664	1.697	1.834	11.58
68)	T	2,4-Dinitrotoluene	0.359	0.438	0.398	0.394	0.407	0.380	0.404	0.426	0.421	0.436	0.406	6.17
69)	T	4-Nitrophenol	0.200	0.230	0.191	0.214	0.223	0.204	0.219	0.230	0.226	0.233	0.217	6.58
70)	T	2,3,5,6-Tetrachlorophenol	0.447	0.500	0.445	0.476	0.459	0.425	0.452	0.464	0.467	0.476	0.461	4.49
71)	T	2,3,4,6-Tetrachlorophenol	0.416	0.520	0.444	0.457	0.457	0.402	0.437	0.443	0.446	0.453	0.447	6.93
72)	T	Diethyl phthalate	1.652	1.745	1.522	1.473	1.440	1.302	1.375	1.376	1.376	1.413	1.467	9.38

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

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100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.622	1.791	1.538	1.455	1.446	1.313	1.375	1.369	1.362	1.377	1.465	10.06
74)	T	4-Chlorophenyl-phenylether	0.821	0.959	0.793	0.773	0.745	0.667	0.702	0.704	0.713	0.721	0.760	11.07
75)	T	4-Nitroaniline	0.299	0.361	0.325	0.325	0.340	0.308	0.325	0.313	0.308	0.320	0.322	5.58
76)	T	4,6-Dinitro-o-cresol		0.176	0.164	0.181	0.209	0.213	0.243	0.264	0.268	0.270	0.221	18.99
77)	T	NDPA/DPA	1.344	1.518	1.309	1.251	1.225	1.099	1.147	1.141	1.127	1.175	1.234	10.40
78)	T	Azobenzene	1.383	1.459	1.262	1.250	1.231	1.075	1.158	1.140	1.126	1.163	1.225	9.80
79)	S	2,4,6-Tribromophenol	0.264	0.299	0.290	0.283	0.286	0.259	0.285	0.295	0.295	0.312	0.287	5.55
80)	T	4-Bromophenyl-phenylether	0.592	0.678	0.582	0.514	0.525	0.467	0.499	0.510	0.514	0.527	0.541	11.21
81)	T	Hexachlorobenzene	0.671	0.789	0.659	0.631	0.631	0.561	0.592	0.601	0.606	0.631	0.637	9.76
82)	T	Pentachlorophenol	0.316	0.411	0.390	0.375	0.391	0.374	0.410	0.428	0.435	0.458	0.399	9.92
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.151	0.157	0.165	0.154	0.172	0.207	0.214	0.230	0.224	0.236	0.191	17.89
85)	T	Pentachloronitrobenzene	0.185	0.179	0.198	0.200	0.205	0.235	0.236	0.245	0.233	0.248	0.216	11.80
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.470	0.411	0.395	0.401	0.398	0.435	0.439	0.439	0.426	0.423	0.424	5.48
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.238	1.393	1.188	1.132	1.105	0.987	1.020	1.017	0.980	0.998	1.106	12.21
90)	T	Anthracene	1.254	1.348	1.180	1.119	1.111	0.981	1.044	1.027	1.009	1.009	1.108	10.87
91)	T	Carbazole	1.125	1.233	1.051	1.048	1.024	0.911	0.945	0.960	0.933	0.931	1.016	10.10
92)	T	Di-n-butylphthalate	1.187	1.353	1.172	1.189	1.172	1.052	1.133	1.149	1.122	1.124	1.165	6.65
93)	T	Fluoranthene	1.528	1.711	1.421	1.420	1.371	1.239	1.279	1.298	1.268	1.272	1.381	10.68
94)	T	Benzidine	0.749	0.916	0.798	0.820	0.813	0.740	0.771	0.790	0.776	0.784	0.796	6.20
95)	T	Pyrene	1.566	1.809	1.551	1.484	1.452	1.285	1.342	1.342	1.295	1.281	1.441	11.70
96)	S	4-Terphenyl-d14	1.245	1.410	1.177	1.144	1.108	0.991	1.031	1.052	1.008	1.024	1.119	11.71
97)	T	Butyl benzyl phthalate	0.376	0.449	0.417	0.442	0.481	0.466	0.510	0.541	0.544	0.551	0.478	12.30
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.490	0.472	0.509	0.481	0.488	0.518	0.501	0.503	0.475	0.498	0.494	3.06
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.333	0.318	0.296	0.295	0.296	0.310	0.306	0.306	0.298	0.293	0.305	4.12
102)	T	Parathion	0.092	0.070	0.077	0.078	0.084	0.103	0.110	0.116	0.120	0.121	0.097	19.80
103)	T	3,3'-Dimethylbenzidine	0.595	0.690	0.704	0.763	0.784	0.906	0.888	0.889	0.858	0.857	0.794	13.17
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.580	1.668	1.397	1.340	1.309	1.175	1.235	1.265	1.229	1.242	1.344	12.01
106)	T	3,3'-Dichlorobenzidine	0.468	0.536	0.479	0.491	0.502	0.454	0.488	0.515	0.505	0.508	0.495	4.82
107)	T	Chrysene	1.411	1.593	1.356	1.299	1.248	1.093	1.132	1.138	1.106	1.119	1.249	13.25
108)	T	bis(2-Ethylhexyl)phthalate	0.546	0.657	0.603	0.613	0.643	0.605	0.650	0.672	0.672	0.696	0.636	6.92

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate	0.823	1.075	0.965	1.008	1.093	1.048	1.146	1.208	1.196	1.233	1.080	11.68
110)	T	Benzo(b)fluoranthene	1.368	1.590	1.338	1.413	1.377	1.181	1.260	1.403	1.398	1.491	1.382	8.17
111)	T	Benzo(k)fluoranthene	1.450	1.645	1.385	1.267	1.306	1.222	1.271	1.213	1.153	1.123	1.303	11.93
112)	T	Benzo(a)pyrene	1.288	1.464	1.269	1.246	1.240	1.121	1.177	1.240	1.212	1.254	1.251	7.11
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.182	1.331	1.141	1.129	1.176	1.098	1.191	1.285	1.301	1.394	1.223	8.03
115)	T	Dibenzo[a,h]anthracene	1.161	1.372	1.152	1.131	1.156	1.044	1.123	1.158	1.129	1.158	1.158	7.15
116)	T	Benzo(g,h,i)perylene	1.148	1.328	1.115	1.082	1.110	1.013	1.077	1.125	1.094	1.136	1.123	7.26

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **Vektor Consultants, LLC**	**Lab Number**	: **L2541710**
Project Name	: **601-607 UNION ST**	**Project Number**	: **25030019**
Instrument ID	: **SV134**	**Ical Ref**	: **ICAL22191**
Calibration dates	: **04/08/25 14:30 04/09/25 02:00**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
105)	T	Benzo(a)anthra	1.655	1.422	1.373	1.391	1.404	1.461	1.349	1.254	1.184	1.160	1.365	10.53
106)	T	3,3'-Dichlorob	0.473	0.444	0.445	0.476	0.505	0.551	0.519	0.501	0.479	0.461	0.485	6.95
107)	T	Chrysene	1.625	1.432	1.333	1.355	1.339	1.350	1.238	1.167	1.111	1.076	1.303	12.49
108)	T	Bis(2-ethylhex	0.692	0.699	0.722	0.780	0.871	0.950	0.888	0.865	0.860	0.847	0.817	10.84
109)	T	Di-n-octylphth	0.964	0.992	1.040	1.156	1.393	1.574	1.509	1.482	1.447	1.427	1.298	18.05
110)	T	Benzo(b)fluora	1.397	1.288	1.230	1.282	1.328	1.397	1.342	1.344	1.414	1.372	1.339	4.41
111)	T	Benzo(k)fluora	1.481	1.356	1.290	1.367	1.396	1.448	1.307	1.227	1.155	1.123	1.315	9.05
112)	T	Benzo(a)pyrene	1.267	1.189	1.110	1.192	1.255	1.336	1.258	1.233	1.243	1.209	1.229	4.85
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	1.038	1.008	0.975	1.034	1.103	1.230	1.172	1.168	1.220	1.190	1.114	8.43
115)	T	Dibenzo(a,h)an	1.119	1.039	1.044	1.067	1.146	1.224	1.161	1.148	1.109	1.090	1.115	5.18
116)	T	Benzo(ghi)pery	1.263	1.111	1.090	1.147	1.188	1.266	1.182	1.161	1.132	1.105	1.164	5.29

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22299**
Calibration dates	**: 05/18/25 22:26 05/19/25 11:46**		

Calibration Files
1.0 =ADPL1.D 2.0 =ADPL2.D 3.0 =ADPL3.D 5.0 =ADPL4.D 10 =ADPL5.D 25 =ADPL6.D 50 =ADPL7.D
100 =ADPL8.D 150 =ADPL9.D 200 =ADPL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet	0.708	0.754	0.773	0.720	0.731	0.806	0.774	0.756	0.759	0.690	0.747	4.67
3)	t	Pyridine	1.162	1.275	1.343	1.135	1.302	1.384	1.390	1.279	1.357	1.243	1.287	6.81
4)	S	2-Fluorophenol	1.067	1.177	1.224	1.113	1.156	1.251	1.222	1.213	1.227	1.143	1.179	4.99
5)	T	Aniline	1.768	2.048	2.167	1.974	1.967	2.139	2.091	2.005	2.040	1.834	2.003	6.28
6)	t	2-Chlorophenol	1.272	1.393	1.473	1.380	1.377	1.478	1.450	1.422	1.422	1.360	1.403	4.37
7)	S	Phenol-d6	1.369	1.519	1.548	1.479	1.465	1.597	1.570	1.530	1.546	1.421	1.505	4.69
8)	T	Phenol	1.503	1.618	1.659	1.620	1.579	1.726	1.667	1.646	1.659	1.502	1.618	4.43
9)	T	Bis(2-chloroet	1.094	1.290	1.292	1.166	1.144	1.240	1.207	1.190	1.186	1.094	1.190	5.90
10)	T	1,3-Dichlorobe	1.567	1.727	1.756	1.604	1.587	1.700	1.626	1.607	1.606	1.540	1.632	4.37
11)	T	1,4-Dichlorobe	1.721	1.785	1.821	1.699	1.650	1.772	1.688	1.671	1.667	1.595	1.707	4.04
12)	T	1,2-Dichlorobe	1.570	1.704	1.774	1.612	1.563	1.684	1.621	1.621	1.600	1.525	1.627	4.56
13)	t	Benzyl alcohol	0.887	1.037	1.060	1.040	1.041	1.142	1.136	1.105	1.111	1.035	1.059	6.97
14)	T	Bis(2-chlorois	1.700	1.809	1.907	1.778	1.757	1.894	1.833	1.792	1.758	1.591	1.782	5.15
15)	T	2-Methylphenol	1.031	1.153	1.247	1.183	1.181	1.288	1.265	1.235	1.247	1.174	1.200	6.19
16)	T	Hexachloroethane	0.535	0.569	0.592	0.574	0.579	0.621	0.588	0.592	0.586	0.571	0.581	3.80
17)	T	n-Nitrosodi-n-	0.817	0.938	0.952	0.921	0.926	1.007	1.006	0.965	0.977	0.906	0.941	5.90
18)	T	3-Methylphenol	1.147	1.297	1.321	1.270	1.258	1.382	1.365	1.319	1.341	1.266	1.296	5.18
19)	S	Nitrobenzene-d5	1.120	1.237	1.279	1.262	1.247	1.404	1.420	1.384	1.380	1.289	1.302	7.24
20)	T	Nitrobenzene	1.093	1.219	1.292	1.275	1.278	1.422	1.419	1.373	1.374	1.283	1.303	7.70
21)	T	Isophorone	2.324	2.565	2.567	2.513	2.455	2.724	2.711	2.568	2.609	2.439	2.548	4.79
22)	T	2-Nitrophenol	0.414	0.516	0.567	0.573	0.579	0.694	0.723	0.723	0.734	0.683	0.621	17.27
23)	T	2,4-Dimethylph	1.171	1.300	1.341	1.305	1.304	1.443	1.430	1.391	1.428	1.359	1.347	6.13
24)	T	Bis(2-chloroet	1.513	1.691	1.684	1.601	1.567	1.704	1.689	1.609	1.616	1.529	1.620	4.31
25)	T	2,4-Dichloroph	1.102	1.278	1.336	1.291	1.296	1.435	1.425	1.398	1.407	1.355	1.332	7.44
26)	T	1,2,4-Trichlor	1.457	1.579	1.682	1.544	1.483	1.602	1.564	1.542	1.560	1.493	1.550	4.17
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.977	0.996	1.129	1.136	1.132	1.139	1.095	1.125	1.083	1.045	1.086	5.56
29)	T	Acetophenone	1.677	1.727	1.921	2.024	1.982	1.986	1.954	2.006	1.903	1.829	1.901	6.29
30)	T	m-Toluidine	1.384	1.537	1.855	1.942	1.963	1.991	1.977	2.038	1.950	1.870	1.851	11.64
31)	T	2-Chloroaniline	1.558	1.628	1.846	1.896	1.883	1.890	1.848	1.891	1.826	1.771	1.804	6.57
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.425	0.405	0.403	0.401	0.445	0.443	0.428	0.434	0.430	0.410	0.422	3.90
34)	T	n-Decane	1.284	1.135	1.140	1.108	1.203	1.211	1.180	1.197	1.176	1.119	1.175	4.48
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.118	1.211	1.246	1.157	1.140	1.203	1.144	1.122	1.114	1.057	1.151	4.83

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: GCMS5	**Ical Ref**	: ICAL22299
Calibration dates	: 05/18/25 22:26 05/19/25 11:46		

Calibration Files
1.0 =ADPL1.D 2.0 =ADPL2.D 3.0 =ADPL3.D 5.0 =ADPL4.D 10 =ADPL5.D 25 =ADPL6.D 50 =ADPL7.D
100 =ADPL8.D 150 =ADPL9.D 200 =ADPL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg
37)	T	Benzoic Acid				0.194	0.207	0.260	0.273	0.279	0.291	0.270	0.253	14.81
38)	T	4-Chloroaniline	0.121	0.137	0.131	0.128	0.129	0.139	0.134	0.131	0.134	0.124	0.131	4.41
39)	T	Hexachlorobuta	0.235	0.264	0.260	0.249	0.241	0.261	0.250	0.254	0.253	0.242	0.251	3.74
40)	T	p-Chloro-m-cresol	0.263	0.299	0.298	0.302	0.308	0.333	0.330	0.325	0.331	0.312	0.310	6.84
41)	T	2-Methylnaphth	0.683	0.733	0.767	0.704	0.687	0.747	0.716	0.703	0.712	0.675	0.713	4.09
42)	T	1-Methylnaphth	0.230	0.260	0.261	0.243	0.239	0.259	0.250	0.247	0.251	0.238	0.248	4.20
43)	T	Hexachlorocycl	0.235	0.258	0.266	0.260	0.266	0.307	0.304	0.321	0.331	0.320	0.287	11.66
44)	T	2,4,6-Trichlor	0.212	0.266	0.273	0.260	0.269	0.300	0.297	0.293	0.310	0.286	0.277	10.12
45)	T	2,4,5-Trichlor	0.230	0.274	0.295	0.284	0.283	0.321	0.325	0.324	0.325	0.307	0.297	10.25
46)	S	2-Fluorobiphenyl	0.942	1.032	1.051	0.979	0.968	1.033	0.998	0.975	0.978	0.913	0.987	4.34
47)	T	2-Chloronaphth	0.767	0.856	0.859	0.808	0.801	0.856	0.826	0.812	0.828	0.778	0.819	3.93
48)	T	2-Nitroaniline		0.169	0.180	0.197	0.212	0.254	0.260	0.260	0.268	0.250	0.228	16.95
49)	T	1,4-Dinitroben			0.069	0.081	0.085	0.107	0.113	0.116	0.121	0.112	0.101	19.26
50)	T	1,3-Dinitroben			0.093	0.101	0.109	0.132	0.136	0.141	0.146	0.135	0.124	16.23
51)	T	Dimethyl phtha	0.892	0.982	1.001	0.946	0.943	1.020	1.002	0.980	0.990	0.928	0.968	4.11
52)	T	Acenaphthylene	1.197	1.359	1.400	1.344	1.349	1.459	1.419	1.368	1.377	1.288	1.356	5.34
53)	T	2,6-Dinitrotol	0.116	0.136	0.153	0.168	0.183	0.209	0.211	0.209	0.215	0.201	0.180	19.49
54)	T	1,2-Dinitroben		0.059	0.064	0.070	0.075	0.086	0.089	0.088	0.092	0.086	0.079	15.30
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.222	0.225	0.258	0.272	0.273	0.278	0.273	0.280	0.268	0.253	0.260	8.08
57)	T	3-Chloroaniline	0.117	0.119	0.144	0.151	0.150	0.152	0.147	0.145	0.141	0.133	0.140	8.98
58)	T	2,6-Dichloroph	0.266	0.291	0.316	0.342	0.350	0.354	0.354	0.366	0.355	0.350	0.335	9.82
59)	T	1-chloro-2-nit	0.112	0.110	0.126	0.133	0.135	0.142	0.146	0.153	0.150	0.146	0.135	11.27
60)	T	Caprolactam	0.097	0.113	0.129	0.142	0.153	0.159	0.162	0.168	0.162	0.156	0.144	16.52
61)	T	1,2,4,5-Tetrachlorobenzene	0.416	0.422	0.484	0.479	0.466	0.465	0.450	0.459	0.439	0.429	0.451	5.24
62)	T	Biphenyl	0.923	0.962	1.060	1.067	1.050	1.043	1.014	1.027	0.983	0.941	1.007	5.14
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.218	0.273	0.304	0.316	0.325	0.373	0.364	0.368	0.374	0.358	0.327	15.73
65)	T	Acenaphthene	1.153	1.272	1.279	1.202	1.149	1.249	1.191	1.186	1.193	1.154	1.203	4.01
66)	T	2,4-Dinitrophenol				0.112	0.125	0.163	0.172	0.187	0.194	0.184	0.163	19.66
67)	T	Dibenzofuran	1.898	2.070	2.107	1.965	1.903	2.039	1.942	1.893	1.897	1.815	1.953	4.72
68)	T	2,4-Dinitrotol		0.299	0.323	0.373	0.383	0.457	0.466	0.483	0.497	0.478	0.418	17.81
69)	T	4-Nitrophenol	0.148	0.192	0.200	0.211	0.216	0.247	0.242	0.247	0.253	0.240	0.220	15.04
70)	T	2,3,5,6-Tetrac	0.306	0.379	0.396	0.403	0.407	0.458	0.445	0.449	0.460	0.442	0.414	11.50
71)	T	2,3,4,6-Tetrachlorophenol	0.301	0.391	0.420	0.412	0.414	0.462	0.446	0.445	0.451	0.435	0.418	11.09
72)	T	Diethyl phthalate	1.336	1.531	1.563	1.532	1.469	1.598	1.536	1.541	1.547	1.491	1.515	4.75

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22299**
Calibration dates	**: 05/18/25 22:26 05/19/25 11:46**		

Calibration Files
1.0 =ADPL1.D 2.0 =ADPL2.D 3.0 =ADPL3.D 5.0 =ADPL4.D 10 =ADPL5.D 25 =ADPL6.D 50 =ADPL7.D
100 =ADPL8.D 150 =ADPL9.D 200 =ADPL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
73)	T	Fluorene	1.427	1.626	1.647	1.583	1.529	1.660	1.617	1.583	1.586	1.527	1.579	4.38
74)	T	4-Chlorophenyl	0.719	0.790	0.818	0.767	0.733	0.797	0.773	0.772	0.777	0.743	0.769	3.93
75)	T	4-Nitroaniline	0.223	0.289	0.322	0.337	0.345	0.397	0.371	0.379	0.380	0.367	0.341	15.32
76)	T	4,6-Dinitro-o-				0.164	0.177	0.228	0.242	0.264	0.274	0.259	0.230	18.86
77)	T	NDPA/DPA	1.205	1.380	1.397	1.337	1.296	1.393	1.335	1.323	1.334	1.285	1.328	4.33
78)	T	Azobenzene	1.174	1.339	1.365	1.330	1.291	1.393	1.319	1.281	1.289	1.243	1.302	4.81
79)	S	2,4,6-Tribromo	0.192	0.247	0.251	0.259	0.251	0.278	0.260	0.259	0.266	0.271	0.253	9.30
80)	T	4-Bromophenyl	0.496	0.553	0.534	0.513	0.496	0.529	0.503	0.502	0.512	0.498	0.514	3.73
81)	T	Hexachlorobenzene	0.626	0.674	0.671	0.624	0.600	0.624	0.584	0.589	0.605	0.596	0.619	5.14
82)	T	Pentachlorophenol	0.210	0.279	0.316	0.324	0.348	0.392	0.391	0.408	0.417	0.410	0.349	19.39
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.128	0.148	0.172	0.197	0.214	0.214	0.216	0.184	19.28
85)	T	Pentachloronit			0.123	0.143	0.160	0.179	0.197	0.208	0.219	0.217	0.222	0.185	19.48
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine			0.336	0.310	0.338	0.379	0.414	0.428	0.447	0.447	0.464	0.396	14.34
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.237	1.345	1.371	1.261	1.226	1.304	1.229	1.196	1.179	1.140	1.249	5.85
90)	T	Anthracene	1.131	1.283	1.323	1.251	1.231	1.334	1.267	1.237	1.223	1.185	1.246	4.88
91)	T	Carbazole	1.018	1.205	1.240	1.163	1.156	1.247	1.177	1.159	1.153	1.120	1.164	5.59
92)	T	Di-n-butylphth	0.952	1.153	1.225	1.230	1.274	1.421	1.369	1.358	1.334	1.293	1.261	10.66
93)	T	Fluoranthene	1.305	1.486	1.528	1.473	1.470	1.576	1.516	1.533	1.498	1.457	1.484	4.86
94)	T	Benzidine			0.754	0.847	0.850	0.896	0.951	0.913	1.009	1.078	1.072	0.930	11.71
95)	T	Pyrene	1.388	1.634	1.678	1.605	1.594	1.707	1.628	1.659	1.614	1.573	1.608	5.43
96)	S	4-Terphenyl-d14	1.139	1.290	1.311	1.258	1.251	1.330	1.268	1.328	1.296	1.268	1.274	4.32
97)	T	Butyl benzyl p			0.431	0.487	0.526	0.564	0.659	0.665	0.737	0.725	0.734	0.614	18.76
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.383	0.439	0.508	0.535	0.563	0.595	0.586	0.602	0.588	0.581	0.538	13.74
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane			0.302	0.298	0.321	0.359	0.385	0.383	0.387	0.373	0.349	0.351	10.10
102)	T	Parathion	0.025	0.044	0.045	0.049	0.061	0.079	0.097	0.105	0.107	0.120	*Q	0.99
90)														
103)	T	3,3'-Dimethylbenzidine				0.598	0.752	0.900	0.949	0.988	1.035	0.953	0.882	17.46
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.300	1.459	1.487	1.438	1.400	1.484	1.435	1.375	1.353	1.254	1.398	5.59
106)	T	3,3'-Dichlorob	0.368	0.472	0.512	0.519	0.525	0.600	0.594	0.596	0.580	0.550	0.532	13.52
107)	T	Chrysene	1.313	1.464	1.454	1.339	1.294	1.379	1.297	1.279	1.247	1.194	1.326	6.47

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22299**
Calibration dates	**: 05/18/25 22:26 05/19/25 11:46**		

Calibration Files

1.0 =ADPL1.D 2.0 =ADPL2.D 3.0 =ADPL3.D 5.0 =ADPL4.D 10 =ADPL5.D 25 =ADPL6.D 50 =ADPL7.D

100 =ADPL8.D 150 =ADPL9.D 200 =ADPL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
108)	T	Bis(2-ethylhex	0.435	0.582	0.661	0.717	0.746	0.844	0.829	0.799	0.811	0.765	0.719	17.85
109)	T	Di-n-octylphth		0.852	1.016	1.158	1.247	1.472	1.449	1.456	1.406	1.334	1.266	17.26
110)	T	Benzo(b)fluora	1.268	1.459	1.558	1.451	1.533	1.670	1.569	1.679	1.611	1.784	1.558	9.25
111)	T	Benzo(k)fluora	1.368	1.606	1.695	1.600	1.519	1.587	1.475	1.585	1.407	1.255	1.510	8.82
112)	T	Benzo(a)pyrene	1.188	1.385	1.501	1.432	1.450	1.559	1.462	1.593	1.459	1.476	1.450	7.60
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	0.906	1.131	1.176	1.161	1.193	1.387	1.335	1.401	1.424	1.400	1.251	13.33
115)	T	Dibenzo(a,h)an	1.004	1.158	1.286	1.184	1.211	1.369	1.332	1.333	1.319	1.269	1.247	8.82
116)	T	Benzo(ghi)pery	1.044	1.180	1.276	1.156	1.172	1.323	1.244	1.215	1.202	1.159	1.197	6.36

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MINDY**	**Ical Ref**	**: ICAL22318**
Calibration dates	**: 05/24/25 13:50 05/25/25 01:37**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet	0.602	0.605	0.579	0.621	0.666	0.631	0.602	0.604	0.601	0.625	0.614	3.83
3)	t	Pyridine			1.067	1.098	1.220	1.174	1.150	1.149	1.126	1.179	1.145	4.22
4)	S	2-Fluorophenol	0.977	1.028	0.990	1.022	1.154	1.111	1.062	1.081	1.086	1.112	1.062	5.37
5)	T	Aniline	1.573	1.614	1.570	1.547	1.843	1.765	1.704	1.705	1.711	1.753	1.678	5.86
6)	t	2-Chlorophenol	1.279	1.235	1.214	1.202	1.428	1.351	1.321	1.328	1.346	1.368	1.307	5.58
7)	S	Phenol-d6	1.312	1.212	1.193	1.196	1.397	1.338	1.318	1.313	1.327	1.361	1.297	5.51
8)	T	Phenol	1.320	1.271	1.261	1.273	1.480	1.389	1.342	1.355	1.373	1.402	1.347	5.11
9)	T	Bis(2-chloroet	1.118	1.054	1.027	1.017	1.120	1.075	1.028	1.040	1.041	1.058	1.058	3.44
10)	T	1,3-Dichlorobe	1.615	1.590	1.545	1.495	1.685	1.575	1.509	1.501	1.501	1.526	1.554	4.00
11)	T	1,4-Dichlorobe	1.661	1.626	1.610	1.553	1.728	1.603	1.555	1.545	1.552	1.559	1.599	3.74
12)	T	1,2-Dichlorobe	1.648	1.541	1.500	1.481	1.609	1.499	1.458	1.465	1.461	1.480	1.514	4.33
13)	t	Benzyl alcohol	0.796	0.810	0.770	0.806	0.936	0.933	0.915	0.921	0.927	0.957	0.877	8.20
14)	T	Bis(2-chlorois	1.650	1.512	1.484	1.412	1.656	1.537	1.474	1.490	1.505	1.521	1.524	4.98
15)	T	2-Methylphenol	1.021	1.010	0.976	0.977	1.140	1.116	1.076	1.084	1.104	1.124	1.063	5.80
16)	T	Hexachloroethane	0.591	0.496	0.502	0.492	0.566	0.530	0.519	0.524	0.529	0.539	0.529	5.85
17)	T	n-Nitrosodi-n-	0.697	0.702	0.697	0.716	0.806	0.786	0.766	0.765	0.765	0.786	0.749	5.54
18)	T	3-Methylphenol	1.097	1.057	1.031	1.054	1.233	1.207	1.182	1.187	1.190	1.220	1.146	6.74
19)	S	Nitrobenzene-d5	1.144	1.090	1.081	1.082	1.250	1.186	1.166	1.169	1.170	1.190	1.153	4.73
20)	T	Nitrobenzene	1.112	1.070	1.062	1.044	1.225	1.180	1.144	1.155	1.144	1.165	1.130	5.07
21)	T	Isophorone	2.030	1.937	1.959	1.899	2.242	2.159	2.117	2.106	2.129	2.175	2.075	5.47
22)	T	2-Nitrophenol		0.554	0.549	0.571	0.707	0.708	0.710	0.716	0.729	0.738	0.665	12.16
23)	T	2,4-Dimethylph	1.114	1.133	1.067	1.139	1.307	1.271	1.221	1.231	1.239	1.267	1.199	6.63
24)	T	Bis(2-chloroet	1.420	1.359	1.330	1.311	1.499	1.403	1.344	1.334	1.336	1.365	1.370	4.11
25)	T	2,4-Dichloroph	1.113	1.069	1.082	1.096	1.323	1.266	1.239	1.248	1.244	1.264	1.194	7.83
26)	T	1,2,4-Trichlor	1.508	1.361	1.342	1.311	1.473	1.382	1.341	1.331	1.325	1.330	1.370	4.87
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.976	0.983	0.949	0.934	0.958	0.944	0.921	0.937	0.964	0.984	0.955	2.29
29)	T	Acetophenone	1.617	1.682	1.609	1.635	1.710	1.703	1.713	1.752	1.720	1.729	1.687	2.96
30)	T	m-Toluidine		1.212	1.284	1.384	1.552	1.659	1.642	1.732	1.744	1.760	1.552	13.44
31)	T	2-Chloroaniline	1.462	1.497	1.495	1.530	1.643	1.648	1.690	1.707	1.682	1.687	1.604	6.00
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)		1,4-Dioxane	0.682	0.489	0.444	0.449	0.422	0.417	0.390	0.397	0.383	0.389	0.446	19.96
34)	T	n-Decane	0.815	1.040	1.040	1.038	1.049	1.058	1.032	1.044	1.021	1.045	1.018	7.06
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.223	1.107	1.067	1.053	1.155	1.095	1.041	1.043	1.052	1.039	1.087	5.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MINDY	**Ical Ref**	: ICAL22318
Calibration dates	: 05/24/25 13:50 05/25/25 01:37		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
37)	T	Benzoic Acid					0.192	0.219	0.230	0.244	0.258	0.259	0.234	11.05
38)	T	4-Chloroaniline	0.091	0.103	0.093	0.099	0.109	0.108	0.103	0.106	0.108	0.109	0.103	6.47
39)	T	Hexachlorobuta	0.198	0.185	0.180	0.181	0.198	0.185	0.178	0.178	0.177	0.172	0.183	4.76
40)	T	p-Chloro-m-cresol	0.248	0.249	0.234	0.248	0.290	0.281	0.273	0.280	0.284	0.286	0.267	7.65
41)	T	2-Methylnaphth	0.752	0.669	0.652	0.660	0.730	0.696	0.663	0.682	0.692	0.683	0.688	4.63
42)	T	1-Methylnaphth	0.247	0.237	0.222	0.225	0.249	0.237	0.225	0.229	0.232	0.232	0.233	3.88
43)	T	Hexachlorocycl					0.240	0.242	0.238	0.249	0.251	0.243	0.244	2.16
44)	T	2,4,6-Trichlor	0.208	0.193	0.199	0.199	0.246	0.239	0.231	0.244	0.239	0.234	0.223	9.35
45)	T	2,4,5-Trichlor	0.229	0.222	0.215	0.222	0.267	0.257	0.253	0.245	0.255	0.251	0.241	7.47
46)	S	2-Fluorobiphenyl	1.003	0.928	0.884	0.866	0.964	0.920	0.863	0.879	0.869	0.851	0.903	5.53
47)	T	2-Chloronaphth	0.827	0.769	0.747	0.734	0.816	0.776	0.726	0.738	0.739	0.722	0.759	4.88
48)	T	2-Nitroaniline	0.195	0.181	0.183	0.194	0.233	0.230	0.229	0.233	0.236	0.233	0.215	10.85
49)	T	1,4-Dinitroben	0.090	0.090	0.086	0.093	0.113	0.115	0.115	0.119	0.120	0.121	0.106	13.74
50)	T	1,3-Dinitroben	0.105	0.102	0.105	0.113	0.132	0.135	0.131	0.138	0.139	0.138	0.124	12.44
51)	T	Dimethyl phtha	0.916	0.867	0.834	0.829	0.941	0.900	0.857	0.865	0.869	0.851	0.873	4.12
52)	T	Acenaphthylene	1.332	1.228	1.203	1.208	1.352	1.290	1.240	1.245	1.254	1.236	1.259	4.00
53)	T	2,6-Dinitrotol	0.145	0.164	0.170	0.167	0.197	0.196	0.188	0.191	0.195	0.209	0.182	10.69
54)	T	1,2-Dinitroben	0.068	0.071	0.071	0.070	0.086	0.085	0.082	0.083	0.084	0.081	0.078	9.06
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.179	0.184	0.191	0.187	0.199	0.208	0.214	0.222	0.227	0.228	0.204	9.09
57)	T	3-Chloroaniline	0.097	0.105	0.105	0.108	0.120	0.118	0.118	0.119	0.123	0.123	0.113	7.97
58)	T	2,6-Dichlorophenol	0.230	0.255	0.260	0.268	0.290	0.298	0.311	0.319	0.320	0.322	0.287	11.28
59)	T	1-chloro-2-nitrobenzene	0.115	0.126	0.123	0.121	0.128	0.131	0.133	0.136	0.136	0.138	0.129	5.85
60)	T	Caprolactam		0.077	0.084	0.087	0.103	0.112	0.118	0.123	0.121	0.123	0.105	17.23
61)	T	1,2,4,5-Tetrachloroben...	0.323	0.344	0.327	0.332	0.334	0.331	0.327	0.323	0.322	0.309	0.327	2.80
62)	T	Biphenyl	0.952	0.980	0.931	0.951	0.971	0.953	0.966	0.960	0.950	0.921	0.953	1.84
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.271	0.288	0.283	0.285	0.352	0.341	0.330	0.342	0.339	0.329	0.316	9.61
65)	T	Acenaphthene	1.231	1.185	1.109	1.115	1.223	1.164	1.096	1.128	1.117	1.091	1.146	4.52
66)	T	2,4-Dinitrophenol				0.115	0.159	0.170	0.177	0.190	0.196	0.190	0.171	16.28
67)	T	Dibenzofuran	1.988	1.831	1.758	1.717	1.899	1.827	1.724	1.753	1.687	1.637	1.782	5.89
68)	T	2,4-Dinitrotol	0.328	0.371	0.350	0.362	0.440	0.431	0.417	0.425	0.424	0.413	0.396	10.00
69)	T	4-Nitrophenol			0.151	0.164	0.202	0.205	0.212	0.220	0.219	0.220	0.199	13.40
70)	T	2,3,5,6-Tetrac	0.234	0.259	0.270	0.263	0.334	0.332	0.319	0.331	0.327	0.319	0.299	12.69
71)	T	2,3,4,6-Tetrachlorophenol	0.245	0.272	0.269	0.283	0.321	0.331	0.316	0.320	0.316	0.303	0.298	9.61
72)	T	Diethyl phthalate	1.453	1.375	1.313	1.306	1.487	1.441	1.361	1.368	1.348	1.318	1.377	4.59

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MINDY**	**Ical Ref**	**: ICAL22318**
Calibration dates	**: 05/24/25 13:50 05/25/25 01:37**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
73)	T	Fluorene	1.541	1.474	1.394	1.367	1.544	1.483	1.412	1.446	1.410	1.380	1.445	4.42
74)	T	4-Chlorophenyl	0.738	0.667	0.634	0.614	0.672	0.645	0.599	0.611	0.590	0.565	0.634	7.85
75)	T	4-Nitroaniline	0.280	0.265	0.270	0.282	0.341	0.341	0.333	0.333	0.322	0.309	0.307	9.92
76)	T	4,6-Dinitro-o-				0.162	0.213	0.226	0.227	0.239	0.239	0.234	0.220	12.28
77)	T	NDPA/DPA	1.238	1.232	1.185	1.173	1.327	1.274	1.214	1.232	1.203	1.174	1.225	3.89
78)	T	Azobenzene	1.116	1.091	1.044	1.027	1.175	1.128	1.070	1.083	1.064	1.008	1.080	4.62
79)	S	2,4,6-Tribromo	0.160	0.187	0.173	0.178	0.219	0.219	0.211	0.222	0.223	0.225	0.202	12.27
80)	T	4-Bromophenyl	0.423	0.400	0.385	0.372	0.413	0.391	0.379	0.387	0.377	0.363	0.389	4.77
81)	T	Hexachlorobenzene	0.510	0.500	0.441	0.429	0.484	0.470	0.440	0.451	0.445	0.432	0.460	6.31
82)	T	Pentachlorophenol			0.160	0.194	0.251	0.271	0.275	0.294	0.295	0.288	0.254	19.72
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran			0.107	0.126	0.136	0.158	0.170	0.179	0.179	0.183	0.155	18.31
85)	T	Pentachloronitrobenzene	0.107	0.114	0.120	0.121	0.135	0.143	0.153	0.155	0.157	0.157	0.136	14.19
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.231	0.276	0.277	0.294	0.312	0.353	0.347	0.370	0.373	0.379	0.321	15.76
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.383	1.285	1.219	1.176	1.306	1.238	1.158	1.193	1.165	1.146	1.227	6.26
90)	T	Anthracene	1.281	1.240	1.191	1.174	1.322	1.263	1.205	1.241	1.204	1.163	1.228	4.09
91)	T	Carbazole	1.102	1.081	1.062	1.061	1.225	1.193	1.137	1.165	1.138	1.135	1.130	4.84
92)	T	Di-n-butylphth	1.095	1.078	1.064	1.081	1.327	1.323	1.296	1.361	1.355	1.328	1.231	10.69
93)	T	Fluoranthene	1.296	1.253	1.209	1.205	1.397	1.351	1.292	1.309	1.275	1.211	1.280	4.95
94)	T	Benzidine			0.569	0.630	0.846	0.919	0.924	0.971	0.969	0.971	0.850	18.94
95)	T	Pyrene	1.431	1.377	1.318	1.299	1.484	1.433	1.358	1.374	1.321	1.266	1.366	4.98
96)	S	4-Terphenyl-d14	1.076	0.992	0.957	0.943	1.082	1.054	0.989	1.025	0.975	0.930	1.003	5.44
97)	T	Butyl benzyl p				0.423	0.543	0.583	0.593	0.637	0.657	0.652	0.584	14.04
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.402	0.411	0.414	0.450	0.513	0.549	0.567	0.588	0.604	0.599	0.510	16.30
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane		0.312	0.316	0.326	0.347	0.362	0.358	0.371	0.367	0.376	0.348	7.02
102)	T	Parathion				0.069	0.080	0.100	0.110	0.127	0.133	0.140	*Q	0.99
98)														
103)	T	3,3'-Dimethylbenzidine					0.472	0.657	0.726	0.800	0.791	0.809	0.709	18.29
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.499	1.381	1.281	1.267	1.431	1.358	1.290	1.280	1.273	1.251	1.331	6.24
106)	T	3,3'-Dichlorob	0.359	0.417	0.415	0.449	0.545	0.541	0.525	0.525	0.525	0.517	0.482	13.67
107)	T	Chrysene	1.522	1.399	1.303	1.252	1.395	1.289	1.221	1.163	1.145	1.105	1.279	10.20

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MINDY**	**Ical Ref**	**: ICAL22318**
Calibration dates	**: 05/24/25 13:50 05/25/25 01:37**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
108)	T	Bis(2-ethylhex	0.596	0.628	0.639	0.701	0.870	0.892	0.883	0.884	0.929	0.928	0.795	17.15
109)	T	Di-n-octylphth				1.043	1.401	1.470	1.512	1.554	1.637	1.626	1.463	13.89
110)	T	Benzo(b)fluora	1.358	1.317	1.273	1.284	1.579	1.437	1.406	1.414	1.501	1.514	1.408	7.28
111)	T	Benzo(k)fluora	1.480	1.416	1.349	1.354	1.452	1.456	1.350	1.316	1.249	1.184	1.361	6.96
112)	T	Benzo(a)pyrene	1.258	1.210	1.188	1.223	1.398	1.377	1.317	1.308	1.321	1.311	1.291	5.41
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	1.096	1.074	1.022	1.073	1.234	1.209	1.189	1.262	1.264	1.311	1.173	8.47
115)	T	Dibenzo(a,h)an	1.153	1.161	1.083	1.119	1.295	1.253	1.208	1.238	1.205	1.191	1.190	5.35
116)	T	Benzo(ghi)pery	1.157	1.145	1.069	1.127	1.260	1.227	1.181	1.202	1.186	1.168	1.172	4.54

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2541710
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV103	**Ical Ref**	: ICAL22337
Calibration dates	: 06/03/25 20:16 06/04/25 07:25		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.758	0.776	0.810	0.800	0.896	0.882	0.856	0.878	0.891	0.892	0.844	6.24
3)	t	Pyridine	0.959	1.230	1.295	1.342	1.571	1.551	1.481	1.536	1.567	1.577	1.411	14.42
4)	S	2-Fluorophenol	1.188	1.176	1.144	1.178	1.330	1.315	1.272	1.325	1.362	1.378	1.267	6.89
5)	T	Aniline	2.190	2.110	2.112	2.112	2.403	2.351	2.257	2.350	2.386	2.431	2.270	5.73
6)	t	2-Chlorophenol	1.352	1.270	1.265	1.307	1.465	1.440	1.416	1.428	1.437	1.447	1.383	5.58
7)	S	Phenol-d6	1.536	1.455	1.455	1.514	1.690	1.678	1.620	1.676	1.723	1.756	1.611	6.94
8)	T	Phenol	1.845	1.750	1.787	1.783	2.026	1.989	1.930	2.020	2.072	2.090	1.929	6.65
9)	T	Bis(2-chloroet	1.475	1.373	1.273	1.284	1.430	1.361	1.314	1.329	1.353	1.362	1.355	4.57
10)	T	1,3-Dichlorobe	1.672	1.577	1.514	1.518	1.645	1.589	1.525	1.562	1.579	1.590	1.577	3.29
11)	T	1,4-Dichlorobe	1.746	1.645	1.579	1.548	1.687	1.628	1.562	1.589	1.603	1.608	1.620	3.71
12)	T	1,2-Dichlorobe	1.609	1.571	1.521	1.481	1.589	1.543	1.474	1.518	1.547	1.554	1.541	2.82
13)	t	Benzyl alcohol	1.045	1.081	1.074	1.109	1.274	1.288	1.244	1.287	1.310	1.295	1.201	9.04
14)	T	Bis(2-chlorois	1.927	1.870	1.787	1.779	1.959	1.881	1.796	1.765	1.743	1.692	1.820	4.70
15)	T	2-Methylphenol	1.289	1.222	1.202	1.212	1.383	1.348	1.293	1.310	1.318	1.322	1.290	4.69
16)	T	Hexachloroethane	0.630	0.586	0.589	0.587	0.664	0.629	0.613	0.623	0.619	0.620	0.616	3.92
17)	T	n-Nitrosodi-n-	1.043	1.017	0.975	1.000	1.147	1.126	1.091	1.097	1.105	1.082	1.068	5.30
18)	T	3-Methylphenol	1.303	1.331	1.285	1.302	1.476	1.446	1.398	1.427	1.441	1.432	1.384	5.14
19)	S	Nitrobenzene-d5	1.422	1.406	1.377	1.419	1.593	1.606	1.548	1.545	1.539	1.504	1.496	5.55
20)	T	Nitrobenzene	1.496	1.481	1.401	1.458	1.667	1.649	1.584	1.577	1.556	1.526	1.540	5.45
21)	T	Isophorone	2.805	2.655	2.658	2.686	3.059	3.016	2.893	2.898	2.873	2.853	2.840	4.97
22)	T	2-Nitrophenol		0.418	0.425	0.473	0.578	0.622	0.627	0.662	0.672	0.666	0.571	18.28
23)	T	2,4-Dimethylph	1.372	1.432	1.385	1.382	1.588	1.574	1.507	1.524	1.543	1.542	1.485	5.64
24)	T	Bis(2-chloroet	1.836	1.784	1.751	1.718	1.891	1.857	1.767	1.753	1.755	1.744	1.786	3.16
25)	T	2,4-Dichloroph	0.997	1.040	1.012	1.084	1.269	1.254	1.207	1.211	1.232	1.240	1.155	9.37
26)	T	1,2,4-Trichlor	1.437	1.299	1.252	1.242	1.371	1.311	1.261	1.272	1.294	1.303	1.304	4.55
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	1.153	1.068	1.056	1.090	1.113	1.118	1.075	1.114	1.157	1.191	1.114	3.90
29)	T	Acetophenone	1.783	1.858	1.838	1.877	1.997	2.085	2.110	2.119	2.132	2.176	1.998	7.28
30)	T	m-Toluidine	1.032	1.507	1.559	1.692	1.873	1.972	1.960	2.004	2.076	2.104	1.778	18.86
31)	T	2-Chloroaniline	1.641	1.687	1.627	1.659	1.725	1.793	1.804	1.825	1.822	1.867	1.745	5.02
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane	0.366	0.505	0.518	0.491	0.487	0.502	0.484	0.492	0.491	0.500	0.484	8.80
34)	T	n-Decane	1.181	1.313	1.359	1.347	1.367	1.409	1.364	1.401	1.398	1.429	1.357	5.20
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.187	1.113	1.065	1.039	1.163	1.104	1.059	1.083	1.082	1.055	1.095	4.38

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22337**
Calibration dates	**: 06/03/25 20:16 06/04/25 07:25**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
37)	T	Benzoic Acid				0.156	0.218	0.244	0.259	0.283	0.304	0.301	*L	0.99
81)														
38)	T	4-Chloroaniline	0.144	0.153	0.144	0.145	0.159	0.153	0.150	0.152	0.154	0.152	0.151	3.30
39)	T	Hexachlorobuta	0.206	0.199	0.188	0.184	0.209	0.194	0.193	0.200	0.207	0.213	0.199	4.85
40)	T	p-Chloro-m-cresol	0.296	0.286	0.282	0.284	0.337	0.333	0.327	0.346	0.357	0.367	0.322	9.93
41)	T	2-Methylnaphth	0.694	0.651	0.622	0.619	0.689	0.657	0.636	0.652	0.671	0.676	0.657	3.96
42)	T	1-Methylnaphth	0.277	0.264	0.247	0.246	0.280	0.264	0.259	0.270	0.281	0.283	0.267	5.10
43)	T	Hexachlorocycl	0.222	0.208	0.197	0.206	0.235	0.232	0.236	0.256	0.265	0.277	0.233	11.28
44)	T	2,4,6-Trichlor	0.151	0.166	0.165	0.176	0.211	0.210	0.213	0.226	0.238	0.244	0.200	16.49
45)	T	2,4,5-Trichlor	0.167	0.198	0.200	0.202	0.240	0.247	0.238	0.246	0.253	0.263	0.225	13.89
46)	S	2-Fluorobiphenyl	0.897	0.844	0.800	0.793	0.868	0.825	0.798	0.806	0.815	0.812	0.826	4.12
47)	T	2-Chloronaphth	0.751	0.704	0.658	0.645	0.722	0.685	0.665	0.679	0.699	0.706	0.691	4.61
48)	T	2-Nitroaniline	0.169	0.165	0.172	0.176	0.217	0.226	0.228	0.236	0.241	0.242	0.207	15.61
49)	T	1,4-Dinitroben	0.059	0.067	0.070	0.072	0.090	0.097	0.100	0.105	0.109	0.110	*L	0.99
83)														
50)	T	1,3-Dinitroben	0.075	0.081	0.083	0.090	0.111	0.117	0.116	0.122	0.127	0.127	0.105	19.62
51)	T	Dimethyl phtha	0.806	0.834	0.783	0.778	0.867	0.830	0.809	0.825	0.852	0.856	0.824	3.64
52)	T	Acenaphthylene	1.177	1.168	1.112	1.118	1.275	1.223	1.189	1.193	1.204	1.171	1.183	4.01
53)	T	2,6-Dinitrotol	0.111	0.129	0.127	0.139	0.167	0.166	0.163	0.167	0.170	0.171	0.151	14.69
54)	T	1,2-Dinitroben	0.047	0.054	0.056	0.063	0.075	0.076	0.075	0.079	0.078	0.076	0.068	17.30
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.250	0.270	0.255	0.269	0.293	0.304	0.306	0.316	0.322	0.321	0.291	9.40
57)	T	3-Chloroaniline	0.154	0.158	0.153	0.152	0.167	0.164	0.164	0.166	0.170	0.171	0.162	4.50
58)	T	2,6-Dichlorophenol	0.189	0.192	0.199	0.215	0.243	0.274	0.282	0.294	0.302	0.307	0.250	19.07
59)	T	1-chloro-2-nitrobenzene	0.117	0.122	0.124	0.130	0.137	0.146	0.149	0.155	0.157	0.158	0.139	11.26
60)	T	Caprolactam	0.086	0.108	0.112	0.126	0.146	0.164	0.168	0.169	0.170	0.170	*L	0.99
96)														
61)	T	1,2,4,5-Tetrachloroben...	0.338	0.330	0.341	0.329	0.339	0.338	0.333	0.342	0.348	0.354	0.339	2.28
62)	T	Biphenyl	0.848	0.865	0.856	0.863	0.881	0.891	0.890	0.894	0.906	0.901	0.879	2.31
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.287	0.291	0.312	0.328	0.387	0.390	0.380	0.387	0.392	0.387	0.354	12.45
65)	T	Acenaphthene	1.288	1.174	1.142	1.109	1.257	1.212	1.155	1.180	1.183	1.160	1.186	4.51
66)	T	2,4-Dinitrophenol				0.078	0.100	0.122	0.130	0.145	0.150	0.150	*L	0.99
86)														
67)	T	Dibenzofuran	2.069	1.864	1.818	1.826	1.991	1.914	1.847	1.885	1.880	1.824	1.892	4.29
68)	T	2,4-Dinitrotol	0.275	0.297	0.317	0.334	0.410	0.437	0.429	0.462	0.463	0.451	0.388	18.99

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22337**
Calibration dates	**: 06/03/25 20:16 06/04/25 07:25**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
69)	T	4-Nitrophenol	0.188	0.215	0.222	0.244	0.305	0.315	0.310	0.319	0.320	0.312	0.275	18.75
70)	T	2,3,5,6-Tetrac		0.238	0.250	0.267	0.333	0.346	0.349	0.367	0.379	0.379	0.323	17.33
71)	T	2,3,4,6-Tetrachlorophenol	0.232	0.261	0.276	0.302	0.336	0.367	0.363	0.374	0.376	0.380	0.327	16.76
72)	T	Diethyl phthalate	1.554	1.495	1.449	1.454	1.644	1.606	1.551	1.568	1.591	1.582	1.549	4.17
73)	T	Fluorene	1.551	1.505	1.405	1.405	1.590	1.543	1.478	1.506	1.536	1.505	1.502	3.99
74)	T	4-Chlorophenyl	0.759	0.717	0.674	0.657	0.736	0.702	0.673	0.690	0.715	0.711	0.703	4.42
75)	T	4-Nitroaniline	0.285	0.306	0.318	0.341	0.404	0.408	0.376	0.379	0.367	0.356	0.354	11.63
76)	T	4,6-Dinitro-o-			0.097	0.105	0.145	0.162	0.171	0.186	0.190	0.189	*L	0.99
90)														
77)	T	NDPA/DPA	1.307	1.249	1.197	1.190	1.342	1.284	1.233	1.247	1.257	1.238	1.254	3.73
78)	T	Azobenzene	1.591	1.572	1.535	1.566	1.752	1.702	1.617	1.598	1.573	1.509	1.602	4.61
79)	S	2,4,6-Tribromo		0.155	0.166	0.183	0.216	0.225	0.228	0.237	0.247	0.262	0.213	17.33
80)	T	4-Bromophenyl	0.444	0.407	0.415	0.396	0.439	0.425	0.416	0.425	0.443	0.462	0.427	4.66
81)	T	Hexachlorobenzene	0.536	0.539	0.492	0.479	0.524	0.508	0.487	0.510	0.526	0.538	0.514	4.32
82)	T	Pentachlorophenol			0.153	0.175	0.231	0.275	0.289	0.318	0.338	0.347	*L	0.99
69)														
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran			0.091	0.099	0.124	0.152	0.174	0.190	0.199	0.207	*L	0.99
62)														
85)	T	Pentachloronitrobenzene				0.121	0.143	0.167	0.179	0.190	0.199	0.206	0.172	17.90
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine			0.248	0.282	0.306	0.358	0.369	0.409	0.415	0.444	0.354	19.67
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.332	1.209	1.140	1.123	1.235	1.172	1.139	1.168	1.159	1.166	1.184	5.19
90)	T	Anthracene	1.204	1.148	1.096	1.099	1.235	1.198	1.159	1.195	1.194	1.196	1.172	3.93
91)	T	Carbazole	1.121	1.101	1.083	1.073	1.214	1.178	1.136	1.154	1.144	1.144	1.135	3.76
92)	T	Di-n-butylphth	0.998	1.047	1.061	1.122	1.362	1.393	1.417	1.500	1.498	1.483	1.288	15.99
93)	T	Fluoranthene	1.253	1.194	1.186	1.183	1.375	1.338	1.331	1.377	1.385	1.401	1.302	6.84
94)	T	Benzidine		0.588	0.619	0.684	0.854	0.892	0.911	0.962	0.976	0.987	0.830	18.98
95)	T	Pyrene	1.382	1.323	1.296	1.320	1.477	1.421	1.393	1.439	1.423	1.421	1.390	4.24
96)	S	4-Terphenyl-d14	0.980	0.948	0.923	0.932	1.068	1.021	1.013	1.080	1.102	1.097	1.016	6.77
97)	T	Butyl benzyl p			0.377	0.415	0.546	0.596	0.628	0.694	0.702	0.714	*L	0.99
86)														
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid		0.385	0.396	0.427	0.482	0.538	0.564	0.599	0.617	0.626	0.515	18.50
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2541710**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22337**
Calibration dates	**: 06/03/25 20:16 06/04/25 07:25**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
101)	T	n-Octadecane		0.350	0.354	0.397	0.426	0.481	0.493	0.509	0.504	0.525	0.449	15.30
102)	T	Parathion			0.050	0.055	0.066	0.091	0.109	0.139	0.143	0.161	*Q	0.99
84)														
103)	T	3,3'-Dimethylbenzidine			0.260	0.372	0.508	0.672	0.712	0.874	0.892	0.946	*Q	0.99
90)														
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.459	1.343	1.299	1.288	1.467	1.411	1.334	1.452	1.445	1.413	1.391	4.93
106)	T	3,3'-Dichlorob	0.388	0.398	0.411	0.426	0.521	0.532	0.528	0.585	0.588	0.565	0.494	16.15
107)	T	Chrysene	1.429	1.324	1.262	1.220	1.352	1.261	1.176	1.222	1.235	1.212	1.269	6.06
108)	T	Bis(2-ethylhex		0.544	0.593	0.662	0.873	0.911	0.901	0.956	0.976	0.960	*L	0.99
95)														
109)	T	Di-n-octylphth			0.758	0.880	1.265	1.454	1.488	1.663	1.696	1.714	*L	0.99
86)														
110)	T	Benzo(b)fluora	1.165	1.099	1.115	1.102	1.325	1.312	1.240	1.314	1.365	1.442	1.248	9.77
111)	T	Benzo(k)fluora	1.260	1.180	1.170	1.189	1.358	1.332	1.246	1.383	1.375	1.330	1.282	6.52
112)	T	Benzo(a)pyrene	1.024	0.989	1.027	1.019	1.246	1.244	1.177	1.282	1.322	1.334	1.166	11.82
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	0.856	0.848	0.856	0.888	1.056	1.103	1.118	1.247	1.344	1.380	1.070	19.23
115)	T	Dibenzo(a,h)an	0.984	0.954	0.983	0.951	1.121	1.163	1.146	1.270	1.349	1.340	1.126	13.86
116)	T	Benzo(ghi)pery	1.024	0.969	0.959	0.976	1.110	1.116	1.099	1.186	1.267	1.268	1.097	10.61

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target pesticides as not detected.

Surrogate Recovery: One of two surrogate recoveries for samples 25SB-1 (9-11), 25SB-2 (0-2), 25SB-3 (0-2), and 25SB-4 (7-9) was above QC limits on one column. One of two surrogate recoveries for sample 25SB-6 (0-2) was below QC limits, but not below 10%. No action is taken on one surrogate recovery outside QC limits on one column, provided the recovery is not less than 10%.

One of two surrogate recoveries for samples 25SB-1 (12-13), 25SB-2 (12-13), and 25SB-4 (12-13) were above QC limits on both columns. One of two surrogate recoveries for sample 25SB-3 (12-13) were above QC limits on both columns and 1 of 2 below QC limits but not below 10%. Two of two surrogate recoveries for sample 25SB-5 (11-12) were above QC limits on one or both columns. The positive results should be considered estimated, biased high (J+) in the samples.

Two of two surrogate recoveries for sample 25SB-6 (7-9) were outside QC limits on one or both columns and one below 10% on one column. Two of two surrogate recoveries for sample 25SB-6 (11-12) were outside QC limits and one below 10% on one column. The "not detected" results for these samples should be considered rejected, unusable (R).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for endrin were above QC limits for soil MS/MSD sample 25SB-5 (0-2). Sample 25SB-5 (0-2) reported endrin as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2087151-2/3 and WG2089228-2/3.

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Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %D for 4,4'-DDD was above the allowable maximum (20%) for channel A on 07-08-25 (20250708b-03). The %Ds for endrin aldehyde and methoxychlor were above the allowable maximum (20%) for channel B on 07-09-25 (18250709a-16). Positive results for these pesticides should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate and detected pesticide results were within GC quantitation limits. The RPD for dual column quantitation of cis-chlordane in sample 25SB-1 (9-11) was above the allowable maximum (25%), but not above 70% and the higher result was reported. The RPD for dual column quantitation of 4,4'-DDD in sample 25SB-5 (0-2) was above the allowable maximum (25%), but not above 70% and the higher result was reported. Positive results for these pesticides should be considered estimated, biased high (J+) in the samples.

The RPD for dual column quantitation of 4,4-DDE in sample 25SB-4 (0-2) was above the allowable maximum (25%), but not above 70% and the lower result was reported. Positive results for 4,4'-DDE should be considered estimated, biased low (J-) in the sample.

The RPDs for dual column quantitation of trans-chlordane in samples 25SB-1 (9-11), 25SB-3 (0-2), and 25SB-4 (7-9) was above the allowable maximum (25%) and above 100%. Positive results for trans-chlordane should be considered rejected, unusable (R) in the samples.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

Surrogate Recovery Summary
Form 2
Pesticides

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

GC Column 1: CLPPesticides
GC Column 2: CLPPesticidesII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
25SB-1 (0-2) (L2541710-01)	75	73	54	52			0
25SB-1 (9-11) (L2541710-02)	5573*	45	43	47			1
25SB-1 (12-13) (L2541710-03)	524*	198*	40	97			2
25SB-2 (0-2) (L2541710-04)	303*	59	55	46			1
25SB-2 (12-13) (L2541710-05D)	36821*	204*	79	65			2
25SB-3 (0-2) (L2541710-06)	415*	92	80	65			1
25SB-3 (12-13) (L2541710-07)	1130*	169*	29*	108			3
25SB-4 (0-2) (L2541710-08)	56	78	49	67			0
25SB-4 (7-9) (L2541710-09)	231*	66	38	69			1
25SB-4 (12-13) (L2541710-10D)	2991*	152*	73	78			2
25SB-5 (0-2) (L2541710-11)	59	64	55	60			0
25SB-5 (11-12) (L2541710-12)	1713*	172*	42	172*			3
25SB-6 (0-2) (L2541710-13)	143	47	84	12*			1
25SB-6 (7-9) (L2541710-14D)	892*	186*	7*	78			3
25SB-6 (11-12) (L2541710-15)	1563*	46	9*	41			2
WG2087151-1BLANK	66	63	51	65			0
WG2087151-2LCS	68	65	51	65			0
WG2087151-3LCSD	62	59	47	59			0
WG2089228-1BLANK	88	87	76	76			0
WG2089228-2LCS	87	89	79	78			0
WG2089228-3LCSD	95	97	83	83			0
25SB-5 (0-2)MS	61	67	58	63			0
25SB-5 (0-2)MSD	79	80	71	72			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

* Values outside of QC limits

FORM II NYTCL-8081

Matrix Spike Sample Summary
Form 3
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/11/25 10:46
Matrix Spike	: WG2089228-4	MS Analysis Date	: 07/11/25 10:58
Matrix Spike Dup	: WG2089228-5	MSD Analysis Date	: 07/11/25 11:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
4,4'-DDD	3.84	42.6	33.3	69	41.6	39.1	85	16	30-150	50
4,4'-DDT	NDIP	42.6	29.6	69	41.6	33.6	81	13	30-150	50

Matrix Spike Sample Summary
Form 3
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2541710-11	Analysis Date	: 07/11/25 10:46
Matrix Spike	: WG2089228-4	MS Analysis Date	: 07/11/25 10:58
Matrix Spike Dup	: WG2089228-5	MSD Analysis Date	: 07/11/25 11:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Delta-BHC	ND	42.6	19.2	45	41.6	22.6	54	16	30-150	50
Lindane	ND	42.6	22.0	52	41.6	26.3	63	18	30-150	50
Alpha-BHC	ND	42.6	24.6	58	41.6	30.4	73	21	30-150	50
Beta-BHC	ND	42.6	21.7	51	41.6	27.3	66	23	30-150	50
Heptachlor	ND	42.6	23.5	55	41.6	27.9	67	17	30-150	50
Aldrin	ND	42.6	21.6	51	41.6	26.2	63	19	30-150	50
Heptachlor epoxide	ND	42.6	20.4	48	41.6	24.8	60	19	30-150	50
Endrin	ND	42.6	72.5P	170 Q	41.6	106P	255 Q	38	30-150	50
Endrin aldehyde	ND	42.6	17.2	40	41.6	20.2	49	16	30-150	50
Endrin ketone	ND	42.6	24.8	58	41.6	28.9	70	15	30-150	50
Dieldrin	ND	42.6	23.3	55	41.6	28.0	67	18	30-150	50
4,4'-DDE	ND	42.6	20.9	49	41.6	25.4	61	19	30-150	50
Endosulfan I	ND	42.6	20.2	47	41.6	24.2	58	18	30-150	50
Endosulfan II	ND	42.6	21.3	50	41.6	25.6	62	18	30-150	50
Endosulfan sulfate	ND	42.6	24.7	58	41.6	29.0	70	16	30-150	50
Methoxychlor	ND	42.6	21.0	49	41.6	22.4	54	6	30-150	50
cis-Chlordane	ND	42.6	20.7	49	41.6	25.1	60	19	30-150	50
trans-Chlordane	ND	42.6	23.0	54	41.6	27.4	66	17	30-150	50

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST20		Calibration Date	: 07/08/25 21:35	
Lab File ID	: 20250708b-03		Init. Calib. Date(s)	: 03/26/25	03/26/25
Sample No	: WG2088288-1		Init. Calib. Times	: 14:25	19:36
Channel	: A				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	130	0
2,4,5,6-Tetrachloro-m-xylen	1.142	1.22	-	-6.8	20	153	0
Hexachlorobenzene	1.333	1.231	-	7.7	20	138	0
alpha-BHC	1.461	1.592	-	-9	20	149	0
gamma-BHC (lindane)	1.386	1.477	-	-6.6	20	151	0
beta-BHC	0.661	0.634	-	4.1	20	143	0
delta-BHC	1.362	1.35	-	0.9	20	138	0
Heptachlor	1.352	1.454	-	-7.5	20	155	0
Aldrin	1.262	1.377	-	-9.1	20	156	0
Alachlor	0.19	0.202	-	-6.3	20	150	0
Chlorpyrifos	0.608	0.665	-	-9.4	20	170	0
Heptachlor Epoxide	1.204	1.256	-	-4.3	20	153	0
gamma-Chlordane (trans)	1.101	1.285	-	-16.7	20	175	0
alpha-Chlordane (cis)	1.239	1.267	-	-2.3	20	153	0
4,4'-DDE	1.176	1.286	-	-9.4	20	159	0
Endosulfan I	1.14	1.214	-	-6.5	20	157	0
Dieldrin	1.208	1.403	-	-16.1	20	177	0
Endrin	1.163	1.359	-	-16.9	20	169	0
4,4'-DDD	0.939	1.131	-	-20.4*	20	176	0
Endosulfan II	1.029	1.142	-	-11	20	163	0
4,4'-DDT	1.062	1.263	-	-18.9	20	176	0
Endrin Aldehyde	0.864	0.806	-	6.7	20	139	0
Methoxychlor	0.598	0.702	-	-17.4	20	180	0
Mirex	1.007	1.045	-	-3.8	20	169	0
Endosulfan Sulfate	0.969	1.103	-	-13.8	20	173	0
Endrin Ketone	1.128	1.315	-	-16.6	20	174	0
Decachlorobiphenyl	1.045	0.579	-	44.6*	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2541710	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST18		Calibration Date	: 07/09/25 14:51	
Lab File ID	: 18250709a-16		Init. Calib. Date(s)	: 06/17/25	06/18/25
Sample No	: WG2088596-4		Init. Calib. Times	: 19:57	00:53
Channel	: B				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	129	0
2,4,5,6-Tetrachloro-m-xyl	1.365	1.235	-	9.5	20	123	0
Hexachlorobenzene	1.481	1.26	-	14.9	20	122	0
alpha-BHC	1.654	1.573	-	4.9	20	121	0
gamma-BHC (lindane)	1.52	1.473	-	3.1	20	128	0
beta-BHC	0.804	0.66	-	17.9	20	118	0
delta-BHC	1.496	1.39	-	7.1	20	121	0
Heptachlor	1.386	1.223	-	11.8	20	122	0
Aldrin	1.448	1.345	-	7.1	20	121	0
Alachlor	0.233	0.2	-	14.2	20	119	0
Chlorpyrifos	0.773	0.636	-	17.7	20	116	0
Heptachlor Epoxide	1.351	1.219	-	9.8	20	124	0
gamma-Chlordane (trans)	1.431	1.235	-	13.7	20	117	0
alpha-Chlordane (cis)	1.451	1.22	-	15.9	20	117	0
4,4'-DDE	1.386	1.224	-	11.7	20	114	0
Endosulfan I	1.303	1.139	-	12.6	20	118	0
Dieldrin	1.372	1.283	-	6.5	20	123	0
Endrin	1.327	1.2	-	9.6	20	122	0
4,4'-DDD	1.167	1.011	-	13.4	20	119	0
Endosulfan II	1.219	1.068	-	12.4	20	119	0
4,4'-DDT	1.088	0.958	-	11.9	20	120	0
Endrin Aldehyde	50	39.829	-	20.3*	20	104	0
Methoxychlor	0.625	0.495	-	20.8*	20	116	0
Mirex	1.06	0.876	-	17.4	20	118	0
Endosulfan Sulfate	1.19	1.002	-	15.8	20	118	0
Endrin Ketone	1.347	1.17	-	13.1	20	121	0
Decachlorobiphenyl	1.257	0.87	-	30.8*	20	103	0

* Value outside of QC limits.

Identification Summary
Form 10
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab Sample ID	: L2541710-02		
Client ID	: 25SB-1 (9-11)		
Date Analyzed (1)	: 07/09/25 00:24	Date Analyzed (2)	: 07/09/25 00:24
Instrument ID (1)	: PEST20	Instrument ID (2)	: PEST20
GC Column (1)	: CLPPesticides	GC Column (2)	: CLPPesticidesII

Analyte	Col	RT	RT Window From	RT Window To	Concentration	RPD
alpha-Chlordane (cis-)	1	4.54	4.50	4.60	5.69	
	2	5.22	5.18	5.28	3.96	36
gamma-Chlordane (trans-)	1	4.41	4.35	4.45	27.2	
	2	5.04	5.03	5.13	3730	197

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541710
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541710-06			
Client ID	:	25SB-3 (0-2)			
Date Analyzed (1)	:	07/09/25 01:14	Date Analyzed (2)	:	07/09/25 01:14
Instrument ID (1)	:	PEST20	Instrument ID (2)	:	PEST20
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticidesII

Analyte	Col	RT	RT Window From	RT Window To	Concentration	RPD
gamma-Chlordane (trans-)	1	4.41	4.35	4.45	2.96	
	2	5.05	5.03	5.13	688.	198

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541710
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541710-08			
Client ID	:	25SB-4 (0-2)			
Date Analyzed (1)	:	07/09/25 01:39	Date Analyzed (2)	:	07/09/25 01:39
Instrument ID (1)	:	PEST20	Instrument ID (2)	:	PEST20
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticidesII

			RT Window			
Analyte	Col	RT	From	To	Concentration	RPD
4,4'-DDE	1	4.65	4.60	4.70	2.47	
	2	5.42	5.37	5.47	1.52J	48

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541710
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541710-09			
Client ID	:	25SB-4 (7-9)			
Date Analyzed (1)	:	07/09/25 01:52	Date Analyzed (2)	:	07/09/25 01:52
Instrument ID (1)	:	PEST20	Instrument ID (2)	:	PEST20
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticidesII

Analyte	Col	RT	RT Window From	RT Window To	Concentration	RPD
gamma-Chlordane (trans-)	1	4.41	4.35	4.45	6.15	
	2	5.05	5.03	5.13	1350	198

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2541710
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2541710-11			
Client ID	:	25SB-5 (0-2)			
Date Analyzed (1)	:	07/11/25 10:46	Date Analyzed (2)	:	07/11/25 10:46
Instrument ID (1)	:	PEST10	Instrument ID (2)	:	PEST10
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticidesII

			RT Window			
Analyte	Col	RT	From	To	Concentration	RPD
4,4'-DDD	1	4.14	4.09	4.19	2.6	
	2	4.84	4.79	4.89	3.84	38

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample 25SB-5 (0-2).

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2087148-2/3 and WG2087326-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate and detected aroclor results were within GC quantitation limits. The %RPDs for dual column quantitation of detected aroclors were below the allowable maximum (25%), as required.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: Method blank WG2089092-1BLANK contained traces of PFBA (0.034 ng/g), PFHxA (0.070 ng/g), PFOA (0.036 ng/g), and PFOS (0.033 ng/g). Positive results for these PFAS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for these PFAS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Surrogate Recovery: Two of twenty-four surrogate recoveries for sample SB-1 (0-2) were below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J or UJ) in the sample.

Four of twenty-four surrogate recoveries for sample SB-6 (0-2) were above QC limits. Two of twenty-four surrogate recoveries for sample SB-4 (12-13) were above QC limits. One of twenty-four surrogate recoveries for samples SB-4 (0-2), SB-6 (0-2)D, 25SB-6 (7-9), and 25SB-6 (11-12) was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample 25SB-5 (0-2).

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Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples WG2088045-2/3, WG2088547-2/3, WG2089092-2/3, and WG2089097-2/3.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
25SB-1 (0-2) (L2541710-01)	76	70	63	58	76	70	56
25SB-1 (0-2) (L2541710-01RE)	71	73	62	56	74	72	61
25SB-1 (9-11) (L2541710-02)	99	99	82	81	108	103	80
25SB-1 (12-13) (L2541710-03)	94	81	78	71	86	87	72
25SB-2 (0-2) (L2541710-04)	93	93	74	69	92	90	77
25SB-2 (12-13) (L2541710-05)	90	96	69	74	91	86	66
25SB-3 (0-2) (L2541710-06)	93	88	63	78	86	87	56
25SB-3 (12-13) (L2541710-07)	96	93	80	86	95	107	82
25SB-4 (0-2) (L2541710-08)	94	93	83	81	94	96	77
25SB-4 (7-9) (L2541710-09)	97	97	79	82	92	98	81
25SB-4 (12-13) (L2541710-10)	102	95	87	92	95	97	82
25SB-5 (0-2) (L2541710-11)	92	95	80	93	89	103	73
25SB-5 (11-12) (L2541710-12)	95	92	85	85	95	100	85
25SB-6 (0-2) (L2541710-13RE)	91	93	75	74	91	87	82
25SB-6 (0-2) (L2541710-13)	97	91	94	128	94	106	95
25SB-6 (0-2) (L2541710-13D)	92	90	75	84	91	97	80
25SB-6 (7-9) (L2541710-14)	94	86	70	87	86	96	70
25SB-6 (7-9) (L2541710-14D)	81	84	63	74	80	81	65
25SB-6 (11-12) (L2541710-15)	96	99	80	84	98	113	76
WG2088045-1BLANK	95	99	78	90	103	98	77
WG2088045-2LCS	98	97	91	94	98	93	85
WG2088045-3LCS	94	97	79	79	93	88	76
WG2088547-1BLANK	93	106	81	81	104	103	74
WG2088547-2LCS	88	93	78	76	89	92	73
WG2088547-3LCS	94	97	82	86	96	98	76
25SB-5 (0-2)MS	93	90	77	85	89	101	70
25SB-5 (0-2)MSD	100	93	85	95	98	102	83
WG2089092-1BLANK	79	73	63	61	75	74	59

QC LIMITS

(8-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(35-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(40-165) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
(40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
25SB-1 (0-2) (L2541710-01)	68	57	66	49	69	56	32*
25SB-1 (0-2) (L2541710-01RE)	77	63	74	67	70	62	55
25SB-1 (9-11) (L2541710-02)	88	79	93	82	88	94	93
25SB-1 (12-13) (L2541710-03)	92	101	91	75	92	119	103
25SB-2 (0-2) (L2541710-04)	91	83	99	73	84	73	72
25SB-2 (12-13) (L2541710-05)	84	81	106	70	101	100	88
25SB-3 (0-2) (L2541710-06)	78	75	75	51	72	68	59
25SB-3 (12-13) (L2541710-07)	91	109	99	87	86	132	122
25SB-4 (0-2) (L2541710-08)	85	89	83	78	100	90	83
25SB-4 (7-9) (L2541710-09)	110	98	100	81	101	90	80
25SB-4 (12-13) (L2541710-10)	100	107	104	88	92	117	124
25SB-5 (0-2) (L2541710-11)	83	105	93	77	96	104	107
25SB-5 (11-12) (L2541710-12)	99	112	95	84	89	97	109
25SB-6 (0-2) (L2541710-13RE)	95	78	98	83	86	90	69
25SB-6 (0-2) (L2541710-13)	89	222*	98	93	89	407*	210*
25SB-6 (0-2) (L2541710-13D)	83	124	98	86	87	275	146*
25SB-6 (7-9) (L2541710-14)	85	124	85	83	88	159	155*
25SB-6 (7-9) (L2541710-14D)	78	87	73	71	75	90	88
25SB-6 (11-12) (L2541710-15)	95	116	90	84	95	187	160*
WG2088045-1BLANK	96	90	89	82	83	78	84
WG2088045-2LCS	93	105	99	90	97	92	84
WG2088045-3LCS	94	81	95	79	91	73	67
WG2088547-1BLANK	88	85	91	86	94	80	87
WG2088547-2LCS	89	82	76	78	79	77	83
WG2088547-3LCS	103	93	100	92	91	85	91
25SB-5 (0-2)MS	90	101	87	80	92	109	102
25SB-5 (0-2)MSD	91	117	103	90	92	121	113
WG2089092-1BLANK	79	75	89	69	84	79	74

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
(40-215) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(40-275) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(40-135) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
25SB-1 (0-2) (L2541710-01)	57	73	29*	57	78	86	68
25SB-1 (0-2) (L2541710-01RE)	56	77	46	61	90	74	79
25SB-1 (9-11) (L2541710-02)	80	109	104	73	114	107	86
25SB-1 (12-13) (L2541710-03)	76	104	83	67	110	94	80
25SB-2 (0-2) (L2541710-04)	73	97	58	68	111	92	79
25SB-2 (12-13) (L2541710-05)	81	96	74	86	122	97	74
25SB-3 (0-2) (L2541710-06)	63	77	50	56	77	96	63
25SB-3 (12-13) (L2541710-07)	73	109	96	70	111	101	76
25SB-4 (0-2) (L2541710-08)	75	110	73	75	117	102	85
25SB-4 (7-9) (L2541710-09)	84	100	61	82	128	115	76
25SB-4 (12-13) (L2541710-10)	81	118	102	81	123	103	92
25SB-5 (0-2) (L2541710-11)	82	115	92	81	114	102	83
25SB-5 (11-12) (L2541710-12)	84	108	86	80	107	99	78
25SB-6 (0-2) (L2541710-13RE)	79	105	75	78	98	91	91
25SB-6 (0-2) (L2541710-13)	68	74	154*	73	104	97	51
25SB-6 (0-2) (L2541710-13D)	75	90	135	75	88	84	63
25SB-6 (7-9) (L2541710-14)	70	94	123	72	103	92	63
25SB-6 (7-9) (L2541710-14D)	81	75	110	83	82	86	70
25SB-6 (11-12) (L2541710-15)	74	111	135	80	107	104	79
WG2088045-1BLANK	78	110	64	94	102	105	85
WG2088045-2LCS	87	112	65	85	98	104	87
WG2088045-3LCS	76	91	57	77	96	104	82
WG2088547-1BLANK	83	114	73	96	107	108	87
WG2088547-2LCS	68	100	61	67	93	98	86
WG2088547-3LCS	79	107	75	82	106	108	87
25SB-5 (0-2)MS	76	112	92	82	109	101	88
25SB-5 (0-2)MSD	78	124	109	78	113	104	95
WG2089092-1BLANK	80	89	60	88	101	76	76

QC LIMITS

(40-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
(40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(40-150) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(40-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(20-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
(40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
(10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2541710
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
25SB-1 (0-2) (L2541710-01)	70	96	94	--	--	--	--	2
25SB-1 (0-2) (L2541710-01RE)	80	102	106	--	--	--	--	0
25SB-1 (9-11) (L2541710-02)	90	107	107	--	--	--	--	0
25SB-1 (12-13) (L2541710-03)	81	100	105	--	--	--	--	0
25SB-2 (0-2) (L2541710-04)	77	90	94	--	--	--	--	0
25SB-2 (12-13) (L2541710-05)	75	89	89	--	--	--	--	0
25SB-3 (0-2) (L2541710-06)	62	113	115	--	--	--	--	0
25SB-3 (12-13) (L2541710-07)	80	129	124	--	--	--	--	0
25SB-4 (0-2) (L2541710-08)	85	127	133*	--	--	--	--	1
25SB-4 (7-9) (L2541710-09)	77	119	124	--	--	--	--	0
25SB-4 (12-13) (L2541710-10)	92	143*	144*	--	--	--	--	2
25SB-5 (0-2) (L2541710-11)	81	116	122	--	--	--	--	0
25SB-5 (11-12) (L2541710-12)	81	111	112	--	--	--	--	0
25SB-6 (0-2) (L2541710-13RE)	91	96	94	--	--	--	--	0
25SB-6 (0-2) (L2541710-13)	52	70	64	--	--	--	--	4
25SB-6 (0-2) (L2541710-13D)	59	68	63	--	--	--	--	1
25SB-6 (7-9) (L2541710-14)	70	78	83	--	--	--	--	1
25SB-6 (7-9) (L2541710-14D)	80	77	85	--	--	--	--	0
25SB-6 (11-12) (L2541710-15)	76	110	102	--	--	--	--	1
WG2088045-1BLANK	85	109	105	--	--	--	--	0
WG2088045-2LCS	88	111	113	--	--	--	--	0
WG2088045-3LCS	84	105	107	--	--	--	--	0
WG2088547-1BLANK	86	130	133*	--	--	--	--	1
WG2088547-2LCS	85	121	122	--	--	--	--	0
WG2088547-3LCS	90	136*	138*	--	--	--	--	2
25SB-5 (0-2)MS	84	117	116	--	--	--	--	0
25SB-5 (0-2)MSD	93	121	125	--	--	--	--	0
WG2089092-1BLANK	75	98	108	--	--	--	--	0

QC LIMITS
(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSA)
(20-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(15-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089092-1	Date Collected	: NA
Client ID	: WG2089092-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 11:43
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250711_44	Analyst	: AC
Sample Amount	: 5 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.034	0.800	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.070	0.200	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.036	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.033	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089092-1	Date Collected	: NA
Client ID	: WG2089092-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 11:43
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250711_44	Analyst	: AC
Sample Amount	: 5 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089092-1	Date Collected	: NA
Client ID	: WG2089092-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/25 11:43
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250711_44	Analyst	: AC
Sample Amount	: 5 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U

Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample 25SB-5 (0-2).

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2087325-2/3 and WG2088655-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %Ds for target herbicides were below the allowable maximum (15%) for both channels, as required.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target herbicides as not detected.

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Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2541710

15 Soil Samples
Collected July 2, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: One of two percent recoveries (%Rs) for lead was above control limits (75-125%) for soil MS/MSD sample 25SB-5 (0-2). Positive results for lead should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for antimony and 1 of 2 %Rs for manganese were below control limits (75-125%), but not below 10% for soil MS/MSD sample 25SB-5 (0-2). Positive results for antimony and manganese should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil MS/MSD sample 25SB-5 (0-2), as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG2089636-2 and WG2089642-2.

Serial Dilution: The %Ds for applicable metals were below the allowable maximum (15%) for soil serial dilution sample 25SB-5 (0-2), as required.

Percent Solids: The % solids for soil samples were above 50%.

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Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2541710
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: 25SB-5 (0-2)	Matrix	: SOIL
Lab Sample ID	: L2541710-11		
Matrix Spike	: WG2089636-3	MS Analysis Date	: 07/12/25 18:30
Matrix Spike Dup	: WG2089636-4	MSD Analysis Date	: 07/12/25 18:34

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		RPD	Recovery Limits	RPD Limit
Aluminum, Total	1130	203	1490	NA		200	1490	NA		0	75-125	20
Antimony, Total	ND	50.7	32.8	65	Q	50	36.5	73	Q	11	75-125	20
Arsenic, Total	4.78	12.2	15.9	91		12	16.5	98		4	75-125	20
Barium, Total	42.3	203	232	94		200	242	100		4	75-125	20
Beryllium, Total	0.077J	5.07	4.75	94		5	5.11	102		7	75-125	20
Cadmium, Total	0.122J	5.37	4.87	91		5.3	5.18	98		6	75-125	20
Calcium, Total	1880	1010	3000	110		999	2900	102		3	75-125	20
Chromium, Total	4.60	20.3	22.4	88		20	23.6	95		5	75-125	20
Cobalt, Total	3.16	50.7	49.0	90		50	52.2	98		6	75-125	20
Copper, Total	33.7	25.4	58.8	99		25	60.2	106		2	75-125	20
Iron, Total	4430	101	3880	NA		99.9	3850	NA	Q	1	75-125	20
Lead, Total	134	53.7	206	134	Q	53	195	115		5	75-125	20
Magnesium, Total	326	1010	1280	94		999	1350	102		5	75-125	20
Manganese, Total	103	50.7	146	85		50	138	70	Q	6	75-125	20
Nickel, Total	8.57	50.7	55.3	92		50	58.2	99		5	75-125	20
Potassium, Total	455	1010	1380	91		999	1480	102		7	75-125	20
Selenium, Total	1.42J	12.2	12.2	100		12	13.1	109		7	75-125	20
Silver, Total	ND	5.07	4.38	86		5	4.68	94		7	75-125	20
Sodium, Total	340	1010	1340	99		999	1400	106		4	75-125	20
Thallium, Total	ND	12.2	10.8	89		12	11.7	98		8	75-125	20
Vanadium, Total	9.26	50.7	54.1	88		50	59.3	100		9	75-125	20
Zinc, Total	59.9	50.7	105	89		50	105	90		0	75-125	20

NA - The sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.

L2542557

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Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2542557

4 Soil Samples and 1 Trip Blank
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatiles, semi-volatiles, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 4 soil samples and volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- Positive volatile result for styrene was qualified as "not detected" (U) for sample 25SB-7 (12-13) because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive semi-volatile result for butyl benzyl phthalate was qualified as "estimated" (J) for sample 25SB-8 (1-3) because the %D for butyl benzyl phthalate was above the allowable maximum in the associated continuing calibration verification sample.

- The "not detected" pesticide results for target pesticides were qualified as "estimated" (UJ) for sample 25SB-7 (12-13) because 2 of 2 surrogate recoveries were below QC limits, but not below 10% on one column in the sample.

- The "not detected" pesticide results for target pesticides were qualified as "rejected, unusable" (R) for sample 25SB-8 (11-12) because 1 of 2 surrogate recoveries was below QC limits and below 10% on one column in the sample.

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- The positive metal results for arsenic, manganese, potassium, and sodium were qualified as estimated, biased high (J+) for all 4 soil samples because the percent recoveries for arsenic, manganese, potassium, and sodium were above the control limits in the associated soil batch spike sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A25	Instrument ID	: VOA131
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.55	0.21	U
108-90-7	Chlorobenzene	ND	0.55	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.59	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U
75-01-4	Vinyl chloride	ND	1.1	0.37	U
75-00-3	Chloroethane	ND	2.2	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A25	Instrument ID	: VOA131
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.61	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.3	U
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.2	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
123-91-1	1,4-Dioxane	ND	88	38.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2542557-01	**Date Collected**	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	**Date Received**	: 07/08/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/17/25 20:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V31250717A25	**Instrument ID**	: VOA131
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 89
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A24	Instrument ID	: VOA131
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 56
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	11	5.2	U
75-34-3	1,1-Dichloroethane	ND	2.2	0.33	U
67-66-3	Chloroform	ND	3.4	0.32	U
56-23-5	Carbon tetrachloride	ND	2.2	0.52	U
78-87-5	1,2-Dichloropropane	ND	2.2	0.28	U
124-48-1	Dibromochloromethane	ND	2.2	0.32	U
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	U
127-18-4	Tetrachloroethene	ND	1.1	0.44	U
108-90-7	Chlorobenzene	ND	1.1	0.29	U
75-69-4	Trichlorofluoromethane	ND	9.0	1.6	U
107-06-2	1,2-Dichloroethane	ND	2.2	0.58	U
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.38	U
75-27-4	Bromodichloromethane	ND	1.1	0.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.61	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.36	U
75-25-2	Bromoform	ND	9.0	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.37	U
71-43-2	Benzene	0.39	1.1	0.37	J
108-88-3	Toluene	ND	2.2	1.2	U
100-41-4	Ethylbenzene	ND	2.2	0.32	U
74-87-3	Chloromethane	ND	9.0	2.1	U
74-83-9	Bromomethane	ND	4.5	1.3	U
75-01-4	Vinyl chloride	ND	2.2	0.75	U
75-00-3	Chloroethane	ND	4.5	1.0	U
75-35-4	1,1-Dichloroethene	ND	2.2	0.54	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A24	Instrument ID	: VOA131
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 56
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	3.4	0.31	U	
79-01-6	Trichloroethene	ND	1.1	0.31	U	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.32	U	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.33	U	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.38	U	
1634-04-4	Methyl tert butyl ether	ND	4.5	0.45	U	
179601-23-1	p/m-Xylene	ND	4.5	1.3	U	
95-47-6	o-Xylene	ND	2.2	0.66	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	0.39	U	
100-42-5	Styrene	1.5	2.2	0.44	J	U
75-71-8	Dichlorodifluoromethane	ND	22	2.1	U	
67-64-1	Acetone	92	22	11.		
75-15-0	Carbon disulfide	ND	22	10.	U	
78-93-3	2-Butanone	18	22	5.0	J	
108-10-1	4-Methyl-2-pentanone	ND	22	2.9	U	
591-78-6	2-Hexanone	ND	22	2.6	U	
74-97-5	Bromochloromethane	ND	4.5	0.46	U	
106-93-4	1,2-Dibromoethane	ND	2.2	0.63	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.2	U	
98-82-8	Isopropylbenzene	ND	2.2	0.24	U	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	0.72	U	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.61	U	
79-20-9	Methyl Acetate	ND	9.0	2.1	U	
110-82-7	Cyclohexane	ND	22	1.2	U	
123-91-1	1,4-Dioxane	ND	180	79.	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2542557-02	**Date Collected**	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	**Date Received**	: 07/08/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/17/25 20:31
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V31250717A24	**Instrument ID**	: VOA131
Sample Amount	: 4.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 56
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	9.0	1.6	U
108-87-2	Methyl cyclohexane	ND	9.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A23	Instrument ID	: VOA131
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.9	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.27	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.59	0.23	U
108-90-7	Chlorobenzene	ND	0.59	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.7	0.82	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.59	0.20	U
75-27-4	Bromodichloromethane	ND	0.59	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.32	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.59	0.19	U
75-25-2	Bromoform	ND	4.7	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.59	0.20	U
71-43-2	Benzene	ND	0.59	0.20	U
108-88-3	Toluene	ND	1.2	0.64	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.7	1.1	U
74-83-9	Bromomethane	ND	2.4	0.69	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U
75-00-3	Chloroethane	ND	2.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 20:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A23	Instrument ID	: VOA131
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.59	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.66	U
95-47-6	o-Xylene	ND	1.2	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.7	U
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.24	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.38	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
79-20-9	Methyl Acetate	ND	4.7	1.1	U
110-82-7	Cyclohexane	ND	12	0.64	U
123-91-1	1,4-Dioxane	ND	95	42.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2542557-03	**Date Collected**	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	**Date Received**	: 07/08/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/17/25 20:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V31250717A23	**Instrument ID**	: VOA131
Sample Amount	: 4.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 89
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.7	0.82	U
108-87-2	Methyl cyclohexane	ND	4.7	0.71	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 19:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A22	Instrument ID	: VOA131
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.9	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.27	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.59	0.23	U
108-90-7	Chlorobenzene	ND	0.59	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.7	0.82	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.59	0.20	U
75-27-4	Bromodichloromethane	ND	0.59	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.32	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.59	0.19	U
75-25-2	Bromoform	ND	4.7	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.59	0.20	U
71-43-2	Benzene	1.2	0.59	0.20	
108-88-3	Toluene	ND	1.2	0.64	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.7	1.1	U
74-83-9	Bromomethane	ND	2.4	0.69	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U
75-00-3	Chloroethane	ND	2.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 19:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A22	Instrument ID	: VOA131
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.59	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.66	U
95-47-6	o-Xylene	ND	1.2	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.7	U
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.24	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.38	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
79-20-9	Methyl Acetate	ND	4.7	1.1	U
110-82-7	Cyclohexane	ND	12	0.64	U
123-91-1	1,4-Dioxane	ND	95	42.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2542557-04	**Date Collected**	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	**Date Received**	: 07/08/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/17/25 19:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V31250717A22	**Instrument ID**	: VOA131
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 82
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	4.7	0.82	U
108-87-2	Methyl cyclohexane	ND	4.7	0.71	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-05	Date Collected	: 07/08/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 13:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A06	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-05	Date Collected	: 07/08/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 13:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A06	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-05	Date Collected	: 07/08/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 13:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A06	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	270	150	19.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	2200	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	290	180	22.	
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	1200	110	21.	
50-32-8	Benzo(a)pyrene	1000	150	45.	
205-99-2	Benzo(b)fluoranthene	1300	110	31.	
207-08-9	Benzo(k)fluoranthene	330	110	30.	
218-01-9	Chrysene	1100	110	19.	
208-96-8	Acenaphthylene	140	150	29.	J
120-12-7	Anthracene	480	110	36.	
191-24-2	Benzo(ghi)perylene	660	150	22.	
86-73-7	Fluorene	220	180	18.	
85-01-8	Phenanthrene	2100	110	22.	
53-70-3	Dibenzo(a,h)anthracene	140	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	600	150	26.	
129-00-0	Pyrene	2000	110	18.	
92-52-4	Biphenyl	29	420	24.	J
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	170	180	18.	J
91-57-6	2-Methylnaphthalene	120	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	230	180	18.	
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	28	8.5	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	7400	1200	150	
118-74-1	Hexachlorobenzene	ND	880	160	U
111-44-4	Bis(2-chloroethyl)ether	ND	1300	200	U
91-58-7	2-Chloronaphthalene	ND	1500	140	U
91-94-1	3,3'-Dichlorobenzidine	ND	1500	390	U
121-14-2	2,4-Dinitrotoluene	ND	1500	290	U
606-20-2	2,6-Dinitrotoluene	ND	1500	250	U
206-44-0	Fluoranthene	43000	880	170	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1500	160	U
101-55-3	4-Bromophenyl phenyl ether	ND	1500	220	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1800	250	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1600	150	U
87-68-3	Hexachlorobutadiene	ND	1500	210	U
77-47-4	Hexachlorocyclopentadiene	ND	4200	1300	U
67-72-1	Hexachloroethane	ND	1200	240	U
78-59-1	Isophorone	ND	1300	190	U
91-20-3	Naphthalene	8200	1500	180	
98-95-3	Nitrobenzene	ND	1300	220	U
86-30-6	NDPA/DPA	ND	1200	170	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1500	220	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1500	500	U
85-68-7	Butyl benzyl phthalate	ND	1500	370	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1500	280	U
117-84-0	Di-n-octylphthalate	ND	1500	500	U
84-66-2	Diethyl phthalate	ND	1500	140	U
131-11-3	Dimethyl phthalate	ND	1500	310	U
56-55-3	Benzo(a)anthracene	20000	880	160	
50-32-8	Benzo(a)pyrene	17000	1200	360	
205-99-2	Benzo(b)fluoranthene	22000	880	250	
207-08-9	Benzo(k)fluoranthene	5100	880	230	
218-01-9	Chrysene	20000	880	150	
208-96-8	Acenaphthylene	1200	1200	220	
120-12-7	Anthracene	11000	880	280	
191-24-2	Benzo(ghi)perylene	9800	1200	170	
86-73-7	Fluorene	6300	1500	140	
85-01-8	Phenanthrene	49000	880	180	
53-70-3	Dibenzo(a,h)anthracene	2400	880	170	
193-39-5	Indeno(1,2,3-cd)pyrene	9200	1200	200	
129-00-0	Pyrene	37000	880	140	
92-52-4	Biphenyl	820	3300	190	J
106-47-8	4-Chloroaniline	ND	1500	270	U
88-74-4	2-Nitroaniline	ND	1500	280	U
99-09-2	3-Nitroaniline	ND	1500	280	U
100-01-6	4-Nitroaniline	ND	1500	600	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	5200	1500	140	
91-57-6	2-Methylnaphthalene	3400	1800	180	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1500	150	U
98-86-2	Acetophenone	ND	1500	180	U
88-06-2	2,4,6-Trichlorophenol	ND	880	280	U
59-50-7	p-Chloro-m-cresol	ND	1500	220	U
95-57-8	2-Chlorophenol	ND	1500	170	U
120-83-2	2,4-Dichlorophenol	ND	1300	240	U
105-67-9	2,4-Dimethylphenol	480	1500	480	J
88-75-5	2-Nitrophenol	ND	3200	550	U
100-02-7	4-Nitrophenol	ND	2000	600	U
51-28-5	2,4-Dinitrophenol	ND	7000	680	U
534-52-1	4,6-Dinitro-o-cresol	ND	3800	700	U
87-86-5	Pentachlorophenol	ND	1200	320	U
108-95-2	Phenol	530	1500	220	J
95-48-7	2-Methylphenol	480	1500	230	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	1300	2100	230	J
95-95-4	2,4,5-Trichlorophenol	ND	1500	280	U
86-74-8	Carbazole	5500	1500	140	
1912-24-9	Atrazine	ND	1200	510	U
100-52-7	Benzaldehyde	ND	1900	390	U
105-60-2	Caprolactam	ND	1500	440	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1500	300	U
123-91-1	1,4-Dioxane	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	1700	740	96.	
118-74-1	Hexachlorobenzene	ND	550	100	U
111-44-4	Bis(2-chloroethyl)ether	ND	830	120	U
91-58-7	2-Chloronaphthalene	ND	920	92.	U
91-94-1	3,3'-Dichlorobenzidine	ND	920	240	U
121-14-2	2,4-Dinitrotoluene	ND	920	180	U
606-20-2	2,6-Dinitrotoluene	ND	920	160	U
206-44-0	Fluoranthene	23000	550	100	
7005-72-3	4-Chlorophenyl phenyl ether	ND	920	99.	U
101-55-3	4-Bromophenyl phenyl ether	ND	920	140	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1100	160	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1000	92.	U
87-68-3	Hexachlorobutadiene	ND	920	140	U
77-47-4	Hexachlorocyclopentadiene	ND	2600	840	U
67-72-1	Hexachloroethane	ND	740	150	U
78-59-1	Isophorone	ND	830	120	U
91-20-3	Naphthalene	810	920	110	J
98-95-3	Nitrobenzene	ND	830	140	U
86-30-6	NDPA/DPA	ND	740	100	U
621-64-7	n-Nitrosodi-n-propylamine	ND	920	140	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	920	320	U
85-68-7	Butyl benzyl phthalate	5800	920	230	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	920	170	U
117-84-0	Di-n-octylphthalate	ND	920	310	U
84-66-2	Diethyl phthalate	ND	920	85.	U
131-11-3	Dimethyl phthalate	ND	920	190	U
56-55-3	Benzo(a)anthracene	12000	550	100	
50-32-8	Benzo(a)pyrene	9000	740	220	
205-99-2	Benzo(b)fluoranthene	11000	550	160	
207-08-9	Benzo(k)fluoranthene	4300	550	150	
218-01-9	Chrysene	10000	550	96.	
208-96-8	Acenaphthylene	2000	740	140	
120-12-7	Anthracene	5700	550	180	
191-24-2	Benzo(ghi)perylene	5100	740	110	
86-73-7	Fluorene	1500	920	90.	
85-01-8	Phenanthrene	22000	550	110	
53-70-3	Dibenzo(a,h)anthracene	1400	550	110	
193-39-5	Indeno(1,2,3-cd)pyrene	5100	740	130	
129-00-0	Pyrene	18000	550	92.	
92-52-4	Biphenyl	190	2100	120	J
106-47-8	4-Chloroaniline	ND	920	170	U
88-74-4	2-Nitroaniline	ND	920	180	U
99-09-2	3-Nitroaniline	ND	920	170	U
100-01-6	4-Nitroaniline	ND	920	380	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	1100	920	87.	
91-57-6	2-Methylnaphthalene	590	1100	110	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	920	96.	U
98-86-2	Acetophenone	ND	920	110	U
88-06-2	2,4,6-Trichlorophenol	ND	550	170	U
59-50-7	p-Chloro-m-cresol	ND	920	140	U
95-57-8	2-Chlorophenol	ND	920	110	U
120-83-2	2,4-Dichlorophenol	ND	830	150	U
105-67-9	2,4-Dimethylphenol	ND	920	300	U
88-75-5	2-Nitrophenol	ND	2000	350	U
100-02-7	4-Nitrophenol	ND	1300	380	U
51-28-5	2,4-Dinitrophenol	ND	4400	430	U
534-52-1	4,6-Dinitro-o-cresol	ND	2400	440	U
87-86-5	Pentachlorophenol	ND	740	200	U
108-95-2	Phenol	ND	920	140	U
95-48-7	2-Methylphenol	ND	920	140	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	220	1300	140	J
95-95-4	2,4,5-Trichlorophenol	ND	920	180	U
86-74-8	Carbazole	2800	920	90.	
1912-24-9	Atrazine	ND	740	320	U
100-52-7	Benzaldehyde	ND	1200	250	U
105-60-2	Caprolactam	ND	920	280	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	920	190	U
123-91-1	1,4-Dioxane	ND	140	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	100	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	780	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	210	200	24.	
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	480	120	22.	
50-32-8	Benzo(a)pyrene	420	160	48.	
205-99-2	Benzo(b)fluoranthene	520	120	33.	
207-08-9	Benzo(k)fluoranthene	160	120	32.	
218-01-9	Chrysene	430	120	21.	
208-96-8	Acenaphthylene	80	160	31.	J
120-12-7	Anthracene	210	120	39.	
191-24-2	Benzo(ghi)perylene	220	160	23.	
86-73-7	Fluorene	120	200	19.	J
85-01-8	Phenanthrene	600	120	24.	
53-70-3	Dibenzo(a,h)anthracene	65	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	240	160	28.	
129-00-0	Pyrene	700	120	20.	
92-52-4	Biphenyl	26	450	26.	J
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	94	200	19.	J
91-57-6	2-Methylnaphthalene	66	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	95.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	57	200	30.	J
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	690	290	31.	
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	68	200	19.	J
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	60.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 18:45
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250713a-27	Analyst	: EJL
Sample Amount	: 30.67 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	183	11.5	U
93-76-5	2,4,5-T	ND	183	5.66	U
93-72-1	2,4,5-TP (Silvex)	ND	183	4.86	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 19:03
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250713a-28	Analyst	: EJL
Sample Amount	: 30.16 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	295	18.6	U
93-76-5	2,4,5-T	ND	295	9.14	U
93-72-1	2,4,5-TP (Silvex)	ND	295	7.85	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 19:22
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250713a-29	Analyst	: EJL
Sample Amount	: 30.56 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	185	11.6	U
93-76-5	2,4,5-T	ND	185	5.73	U
93-72-1	2,4,5-TP (Silvex)	ND	185	4.92	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 19:40
Sample Matrix	: SOIL	Date Extracted	: 07/10/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250713a-30	Analyst	: EJL
Sample Amount	: 30.43 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	200	12.6	U
93-76-5	2,4,5-T	ND	200	6.20	U
93-72-1	2,4,5-TP (Silvex)	ND	200	5.32	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 23:35
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13250711a-52	Analyst	: AD
Sample Amount	: 10.24 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	54.7	4.86	U
11104-28-2	Aroclor 1221	ND	54.7	5.48	U
11141-16-5	Aroclor 1232	ND	54.7	11.6	U
53469-21-9	Aroclor 1242	ND	54.7	7.38	U
12672-29-6	Aroclor 1248	ND	54.7	8.21	U
11097-69-1	Aroclor 1254	ND	54.7	5.99	U
11096-82-5	Aroclor 1260	ND	54.7	10.1	U
37324-23-5	Aroclor 1262	ND	54.7	6.95	U
11100-14-4	Aroclor 1268	ND	54.7	5.67	U
1336-36-3	PCBs, Total	ND	54.7	4.86	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 23:45
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13250711a-53	Analyst	: AD
Sample Amount	: 10.58 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	84.1	7.47	U
11104-28-2	Aroclor 1221	ND	84.1	8.42	U
11141-16-5	Aroclor 1232	ND	84.1	17.8	U
53469-21-9	Aroclor 1242	ND	84.1	11.3	U
12672-29-6	Aroclor 1248	ND	84.1	12.6	U
11097-69-1	Aroclor 1254	ND	84.1	9.20	U
11096-82-5	Aroclor 1260	ND	84.1	15.5	U
37324-23-5	Aroclor 1262	ND	84.1	10.7	U
11100-14-4	Aroclor 1268	ND	84.1	8.71	U
1336-36-3	PCBs, Total	ND	84.1	7.47	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/11/25 23:55
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13250711a-54	Analyst	: AD
Sample Amount	: 10.69 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	52.8	4.69	U
11104-28-2	Aroclor 1221	ND	52.8	5.30	U
11141-16-5	Aroclor 1232	ND	52.8	11.2	U
53469-21-9	Aroclor 1242	ND	52.8	7.12	U
12672-29-6	Aroclor 1248	ND	52.8	7.93	U
11097-69-1	Aroclor 1254	ND	52.8	5.78	U
11096-82-5	Aroclor 1260	ND	52.8	9.77	U
37324-23-5	Aroclor 1262	ND	52.8	6.71	U
11100-14-4	Aroclor 1268	ND	52.8	5.48	U
1336-36-3	PCBs, Total	ND	52.8	4.69	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 00:05
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13250711a-55	Analyst	: AD
Sample Amount	: 10.19 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	59.8	5.31	U
11104-28-2	Aroclor 1221	ND	59.8	5.99	U
11141-16-5	Aroclor 1232	ND	59.8	12.7	U
53469-21-9	Aroclor 1242	ND	59.8	8.06	U
12672-29-6	Aroclor 1248	ND	59.8	8.96	U
11097-69-1	Aroclor 1254	ND	59.8	6.54	U
11096-82-5	Aroclor 1260	ND	59.8	11.0	U
37324-23-5	Aroclor 1262	ND	59.8	7.59	U
11100-14-4	Aroclor 1268	ND	59.8	6.19	U
1336-36-3	PCBs, Total	ND	59.8	5.31	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:01
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-13	Analyst	: JAG
Sample Amount	: 15.32 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.76	0.344	U
58-89-9	Lindane	ND	0.732	0.327	U
319-84-6	Alpha-BHC	ND	0.732	0.208	U
319-85-7	Beta-BHC	ND	1.76	0.666	U
76-44-8	Heptachlor	ND	0.878	0.394	U
309-00-2	Aldrin	ND	1.76	0.618	U
1024-57-3	Heptachlor epoxide	ND	3.29	0.988	U
72-20-8	Endrin	ND	0.732	0.300	U
7421-93-4	Endrin aldehyde	ND	2.20	0.768	U
53494-70-5	Endrin ketone	ND	1.76	0.452	U
60-57-1	Dieldrin	ND	1.10	0.549	U
72-55-9	4,4'-DDE	ND	1.76	0.406	U
72-54-8	4,4'-DDD	ND	1.76	0.626	U
959-98-8	Endosulfan I	ND	1.76	0.415	U
33213-65-9	Endosulfan II	ND	1.76	0.587	U
1031-07-8	Endosulfan sulfate	ND	0.732	0.348	U
72-43-5	Methoxychlor	ND	3.29	1.02	U
8001-35-2	Toxaphene	ND	32.9	9.22	U
5103-71-9	cis-Chlordane	ND	2.20	0.612	U
5103-74-2	trans-Chlordane	ND	2.20	0.580	U
57-74-9	Chlordane	ND	14.6	5.82	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:01
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-13	Analyst	: JAG
Sample Amount	: 15.32 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
50-29-3	4,4'-DDT	ND	1.76	1.41	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:13
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-14	Analyst	: JAG
Sample Amount	: 15.48 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	2.76	0.540	U	UJ
58-89-9	Lindane	ND	1.15	0.514	U	UJ
319-84-6	Alpha-BHC	ND	1.15	0.326	U	UJ
319-85-7	Beta-BHC	ND	2.76	1.05	U	UJ
76-44-8	Heptachlor	ND	1.38	0.618	U	UJ
309-00-2	Aldrin	ND	2.76	0.971	U	UJ
1024-57-3	Heptachlor epoxide	ND	5.17	1.55	U	UJ
72-20-8	Endrin	ND	1.15	0.471	U	UJ
7421-93-4	Endrin aldehyde	ND	3.45	1.21	U	UJ
53494-70-5	Endrin ketone	ND	2.76	0.710	U	UJ
60-57-1	Dieldrin	ND	1.72	0.862	U	UJ
72-55-9	4,4'-DDE	ND	2.76	0.638	U	UJ
72-54-8	4,4'-DDD	ND	2.76	0.984	U	UJ
50-29-3	4,4'-DDT	ND	2.76	2.22	U	UJ
959-98-8	Endosulfan I	ND	2.76	0.652	U	UJ
33213-65-9	Endosulfan II	ND	2.76	0.922	U	UJ
1031-07-8	Endosulfan sulfate	ND	1.15	0.547	U	UJ
72-43-5	Methoxychlor	ND	5.17	1.61	U	UJ
8001-35-2	Toxaphene	ND	51.7	14.5	U	UJ
5103-71-9	cis-Chlordane	ND	3.45	0.961	U	UJ
5103-74-2	trans-Chlordane	ND	3.45	0.910	U	UJ

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:13
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-14	Analyst	: JAG
Sample Amount	: 15.48 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-74-9	Chlordane	ND	23.0	9.14	U	UJ

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:24
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-15	Analyst	: JAG
Sample Amount	: 15.84 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.71	0.335	U
58-89-9	Lindane	ND	0.713	0.319	U
319-84-6	Alpha-BHC	ND	0.713	0.202	U
319-85-7	Beta-BHC	ND	1.71	0.649	U
76-44-8	Heptachlor	ND	0.856	0.384	U
309-00-2	Aldrin	ND	1.71	0.603	U
1024-57-3	Heptachlor epoxide	ND	3.21	0.963	U
72-20-8	Endrin	ND	0.713	0.292	U
7421-93-4	Endrin aldehyde	ND	2.14	0.749	U
53494-70-5	Endrin ketone	ND	1.71	0.441	U
60-57-1	Dieldrin	ND	1.07	0.535	U
72-55-9	4,4'-DDE	ND	1.71	0.396	U
72-54-8	4,4'-DDD	ND	1.71	0.611	U
50-29-3	4,4'-DDT	ND	1.71	1.38	U
959-98-8	Endosulfan I	ND	1.71	0.404	U
33213-65-9	Endosulfan II	ND	1.71	0.572	U
1031-07-8	Endosulfan sulfate	ND	0.713	0.340	U
72-43-5	Methoxychlor	ND	3.21	0.999	U
8001-35-2	Toxaphene	ND	32.1	8.99	U
5103-71-9	cis-Chlordane	ND	2.14	0.596	U
5103-74-2	trans-Chlordane	ND	2.14	0.565	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2542557-03	**Date Collected**	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	**Date Received**	: 07/08/25
Sample Location	: BKLYN, NY	**Date Analyzed**	: 07/12/25 09:24
Sample Matrix	: SOIL	**Date Extracted**	: 07/11/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 10250712a-15	**Analyst**	: JAG
Sample Amount	: 15.84 g	**Instrument ID**	: PEST10
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: 89
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	14.3	5.67	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-16	Analyst	: JAG
Sample Amount	: 15.72 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.86	0.364	U	R
58-89-9	Lindane	ND	0.775	0.346	U	R
319-84-6	Alpha-BHC	ND	0.775	0.220	U	R
319-85-7	Beta-BHC	ND	1.86	0.705	U	R
76-44-8	Heptachlor	ND	0.930	0.417	U	R
309-00-2	Aldrin	ND	1.86	0.655	U	R
1024-57-3	Heptachlor epoxide	ND	3.49	1.05	U	R
72-20-8	Endrin	ND	0.775	0.318	U	R
7421-93-4	Endrin aldehyde	ND	2.32	0.814	U	R
53494-70-5	Endrin ketone	ND	1.86	0.479	U	R
60-57-1	Dieldrin	ND	1.16	0.581	U	R
72-55-9	4,4'-DDE	ND	1.86	0.430	U	R
72-54-8	4,4'-DDD	ND	1.86	0.663	U	R
50-29-3	4,4'-DDT	ND	1.86	1.50	U	R
959-98-8	Endosulfan I	ND	1.86	0.439	U	R
33213-65-9	Endosulfan II	ND	1.86	0.621	U	R
1031-07-8	Endosulfan sulfate	ND	0.775	0.369	U	R
72-43-5	Methoxychlor	ND	3.49	1.08	U	R
8001-35-2	Toxaphene	ND	34.9	9.76	U	R
5103-71-9	cis-Chlordane	ND	2.32	0.648	U	R
5103-74-2	trans-Chlordane	ND	2.32	0.614	U	R

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/12/25 09:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250712a-16	Analyst	: JAG
Sample Amount	: 15.72 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-74-9	Chlordane	ND	15.5	6.16	U	R

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 20:59
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_86	Analyst	: ANH
Sample Amount	: 5.62 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.046	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 20:59
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_86	Analyst	: ANH
Sample Amount	: 5.62 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 20:59
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_86	Analyst	: ANH
Sample Amount	: 5.62 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:08
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_87	Analyst	: ANH
Sample Amount	: 8.91 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.168	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:08
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_87	Analyst	: ANH
Sample Amount	: 8.91 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:08
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_87	Analyst	: ANH
Sample Amount	: 8.91 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:17
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_88	Analyst	: ANH
Sample Amount	: 5.66 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.036	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:17
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_88	Analyst	: ANH
Sample Amount	: 5.66 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:17
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_88	Analyst	: ANH
Sample Amount	: 5.66 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:26
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_89	Analyst	: ANH
Sample Amount	: 6.11 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.797	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.034	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:26
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_89	Analyst	: ANH
Sample Amount	: 6.11 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 21:26
Sample Matrix	: SOIL	Date Extracted	: 07/16/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI08_250716_89	Analyst	: ANH
Sample Amount	: 6.11 g	Instrument ID	: LCMS08
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 10:09
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2091662.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.259g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-92-1	Lead, Total	5100	44.5	2.12	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 10:03
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2091662.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.259g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	3050	8.90	2.89	
7440-36-0	Antimony, Total	ND	4.45	3.43	U
7440-38-2	Arsenic, Total	5.38	0.890	0.385	J+
7440-39-3	Barium, Total	107	0.890	0.094	
7440-41-7	Beryllium, Total	0.371	0.445	0.049	J
7440-43-9	Cadmium, Total	0.081	0.890	0.049	J
7440-70-2	Calcium, Total	2400	8.90	5.05	
7440-47-3	Chromium, Total	5.24	0.890	0.755	
7440-48-4	Cobalt, Total	3.40	1.78	0.221	
7440-50-8	Copper, Total	33.6	0.890	0.202	
7439-89-6	Iron, Total	2910	4.45	0.935	
7439-95-4	Magnesium, Total	265	8.90	1.45	
7439-96-5	Manganese, Total	48.8	0.890	0.477	J+
7440-02-0	Nickel, Total	7.69	2.23	0.719	
7440-09-7	Potassium, Total	525	223	45.1	J+
7782-49-2	Selenium, Total	0.841	1.78	0.293	J
7440-22-4	Silver, Total	ND	0.445	0.265	U
7440-23-5	Sodium, Total	188	178	94.4	J+
7440-28-0	Thallium, Total	0.913	1.78	0.803	J
7440-62-2	Vanadium, Total	24.1	0.890	0.134	
7440-66-6	Zinc, Total	48.8	4.45	0.540	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 11:12
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2091662.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.288g	%Solids	: 56
Digestion Method	: EPA 3050B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6840	13.8	4.49	
7440-36-0	Antimony, Total	ND	6.91	5.32	U
7440-38-2	Arsenic, Total	27.8	1.38	0.597	J+
7440-39-3	Barium, Total	418	1.38	0.146	
7440-41-7	Beryllium, Total	0.658	0.691	0.076	J
7440-43-9	Cadmium, Total	0.429	1.38	0.076	J
7440-70-2	Calcium, Total	11500	13.8	7.83	
7440-47-3	Chromium, Total	15.6	1.38	1.17	
7440-48-4	Cobalt, Total	6.19	2.76	0.343	
7440-50-8	Copper, Total	60.1	1.38	0.314	
7439-89-6	Iron, Total	10800	6.91	1.45	
7439-92-1	Lead, Total	941	6.91	0.329	
7439-95-4	Magnesium, Total	1270	13.8	2.25	
7439-96-5	Manganese, Total	188	1.38	0.740	J+
7440-02-0	Nickel, Total	14.6	3.45	1.12	
7440-09-7	Potassium, Total	1080	345	70.0	J+
7782-49-2	Selenium, Total	17.3	2.76	0.454	
7440-22-4	Silver, Total	0.714	0.691	0.412	
7440-23-5	Sodium, Total	725	276	146.	J+
7440-28-0	Thallium, Total	ND	2.76	1.25	U
7440-62-2	Vanadium, Total	27.1	1.38	0.209	
7440-66-6	Zinc, Total	288	6.91	0.837	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 11:19
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2091662.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.291g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 07/16/25

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3930	8.75	2.84		
7440-36-0	Antimony, Total	ND	4.38	3.37	U	
7440-38-2	Arsenic, Total	5.22	0.875	0.378		J+
7440-39-3	Barium, Total	58.8	0.875	0.093		
7440-41-7	Beryllium, Total	0.292	0.438	0.048	J	
7440-43-9	Cadmium, Total	0.320	0.875	0.048	J	
7440-70-2	Calcium, Total	2570	8.75	4.96		
7440-47-3	Chromium, Total	16.7	0.875	0.742		
7440-48-4	Cobalt, Total	4.03	1.75	0.217		
7440-50-8	Copper, Total	31.5	0.875	0.199		
7439-89-6	Iron, Total	13600	4.38	0.919		
7439-92-1	Lead, Total	254	4.38	0.208		
7439-95-4	Magnesium, Total	1940	8.75	1.43		
7439-96-5	Manganese, Total	206	0.875	0.469		J+
7440-02-0	Nickel, Total	13.0	2.19	0.707		
7440-09-7	Potassium, Total	522	219	44.4		J+
7782-49-2	Selenium, Total	0.386	1.75	0.288	J	
7440-22-4	Silver, Total	ND	0.438	0.261	U	
7440-23-5	Sodium, Total	136	175	92.8	J	J+
7440-28-0	Thallium, Total	ND	1.75	0.789	U	
7440-62-2	Vanadium, Total	13.5	0.875	0.132		
7440-66-6	Zinc, Total	109	4.38	0.530		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/17/25 11:31
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DMC
Lab File ID	: WG2091662.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.286g	%Solids	: 82
Digestion Method	: EPA 3050B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	3740	9.47	3.08	
7440-36-0	Antimony, Total	ND	4.74	3.65	U
7440-38-2	Arsenic, Total	30.0	0.947	0.409	J+
7440-39-3	Barium, Total	252	0.947	0.100	
7440-41-7	Beryllium, Total	0.342	0.474	0.052	J
7440-43-9	Cadmium, Total	0.258	0.947	0.052	J
7440-70-2	Calcium, Total	6060	9.47	5.37	
7440-47-3	Chromium, Total	11.2	0.947	0.803	
7440-48-4	Cobalt, Total	4.53	1.89	0.235	
7440-50-8	Copper, Total	75.8	0.947	0.215	
7439-89-6	Iron, Total	10600	4.74	0.994	
7439-92-1	Lead, Total	2940	4.74	0.225	
7439-95-4	Magnesium, Total	1570	9.47	1.54	
7439-96-5	Manganese, Total	119	0.947	0.508	J+
7440-02-0	Nickel, Total	28.0	2.37	0.765	
7440-09-7	Potassium, Total	760	237	48.0	J+
7782-49-2	Selenium, Total	1.20	1.89	0.312	J
7440-22-4	Silver, Total	ND	0.474	0.282	U
7440-23-5	Sodium, Total	282	189	100.	J+
7440-28-0	Thallium, Total	ND	1.89	0.854	U
7440-62-2	Vanadium, Total	18.2	0.947	0.143	
7440-66-6	Zinc, Total	192	4.74	0.574	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 17:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: MJR
Lab File ID	: WG2091336.pdf	Instrument ID	: NIC2
Sample Amount	: 0.375g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.634	0.075	0.049	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 18:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: MJR
Lab File ID	: WG2091336.pdf	Instrument ID	: NIC2
Sample Amount	: 0.334g	%Solids	: 56
Digestion Method	: EPA 7471B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	2.21	0.133	0.087	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 18:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: MJR
Lab File ID	: WG2091336.pdf	Instrument ID	: NIC2
Sample Amount	: 0.386g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.49	0.073	0.048	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/16/25 18:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: MJR
Lab File ID	: WG2091336.pdf	Instrument ID	: NIC2
Sample Amount	: 0.308g	%Solids	: 82
Digestion Method	: EPA 7471B	Date Digested	: 07/16/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	2.42	0.099	0.065	

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2542557

4 Soil Samples and 1 Trip Blank
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 on 07-17-25 (V31250717A01). The %Ds for dichlorodifluoromethane, vinyl chloride, bromomethane, and trichlorofluoromethane were above the method maximum on 07-17-25 (V31250717A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for dichlorodifluoromethane, vinyl chloride, bromomethane, and trichlorofluoromethane were above the allowable maximum (20%) on 07-17-25 (V31250717A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2092279-5BLANK contained traces of bromomethane (1.1 ug/kg) and styrene (0.59 ug/kg). Positive results for bromomethane and styrene that are less than 5 times the field blank level should be reported as not detected (U) in associated samples.

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Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2092279-3/4.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092279-5	Date Collected	: NA
Client ID	: WG2092279-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/25 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A05	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	1.1	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092279-5	Date Collected	: NA
Client ID	: WG2092279-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/25 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A05	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	0.59	1.0	0.20	J
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092279-5	Date Collected	: NA
Client ID	: WG2092279-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/25 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V31250717A05	Instrument ID	: VOA131
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA131	Calibration Date	: 07/17/25 11:47
Lab File ID	: V31250717A01	Init. Calib. Date(s)	: 07/16/25 07/16/25
Sample No	: WG2092279-2	Init. Calib. Times	: 13:22 17:35
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	100	0
Dichlorodifluoromethane	0.235	0.309	-	-31.5*	20	125	0
Chloromethane	0.226	0.271	-	-19.9	20	112	0
Vinyl chloride	0.4	0.487	-	-21.7*	20	111	0
Bromomethane	0.316	0.412	-	-30.4*	20	117	0
Chloroethane	0.268	0.321	-	-19.8	20	104	0
Trichlorofluoromethane	0.828	0.997	-	-20.4*	20	106	0
Ethyl ether	0.284	0.252	-	11.3	20	89	0
1,1-Dichloroethene	0.211	0.212	-	-0.5	20	102	0
Carbon disulfide	0.72	0.743	-	-3.2	20	100	0
Freon-113	0.215	0.225	-	-4.7	20	106	0
Acrolein	0.04	0.039	-	2.5	20	100	0
Methylene chloride	40	35.745	-	10.6	20	86	0
Acetone	40	43.744	-	-9.4	20	101	0
trans-1,2-Dichloroethene	0.23	0.22	-	4.3	20	91	0
Methyl acetate	0.129	0.119	-	7.8	20	85	0
Methyl tert-butyl ether	0.644	0.574	-	10.9	20	83	0
tert-Butyl alcohol	0.027	0.022	-	18.5	20	82	0
Diisopropyl ether	0.643	0.592	-	7.9	20	85	0
1,1-Dichloroethane	0.377	0.371	-	1.6	20	91	0
Halothane	0.167	0.171	-	-2.4	20	96	0
Acrylonitrile	0.068	0.06	-	11.8	20	85	0
Ethyl tert-butyl ether	0.638	0.571	-	10.5	20	83	0
Vinyl acetate	0.447	0.402	-	10.1	20	85	0
cis-1,2-Dichloroethene	0.254	0.235	-	7.5	20	86	0
2,2-Dichloropropane	0.309	0.334	-	-8.1	20	102	0
Bromochloromethane	0.129	0.113	-	12.4	20	81	0
Cyclohexane	0.32	0.344	-	-7.5	20	105	0
Chloroform	0.423	0.39	-	7.8	20	86	0
Ethyl acetate	0.222	0.182	-	18	20	80	0
Carbon tetrachloride	0.302	0.312	-	-3.3	20	97	0
Tetrahydrofuran	0.067	0.054	-	19.4	20	83	0
Dibromofluoromethane	0.267	0.259	-	3	20	97	0
1,1,1-Trichloroethane	0.324	0.338	-	-4.3	20	96	0
2-Butanone	0.097	0.079	-	18.6	20	78	0
1,1-Dichloropropene	0.269	0.283	-	-5.2	20	99	0
Benzene	0.854	0.828	-	3	20	89	0
tert-Amyl methyl ether	0.639	0.565	-	11.6	20	81	0
1,2-Dichloroethane-d4	0.272	0.247	-	9.2	20	94	0
1,2-Dichloroethane	0.267	0.24	-	10.1	20	83	0
Methyl cyclohexane	0.388	0.403	-	-3.9	20	105	0
Trichloroethene	0.251	0.238	-	5.2	20	92	0
Dibromomethane	0.151	0.128	-	15.2	20	79	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA131	Calibration Date	: 07/17/25 11:47
Lab File ID	: V31250717A01	Init. Calib. Date(s)	: 07/16/25 07/16/25
Sample No	: WG2092279-2	Init. Calib. Times	: 13:22 17:35
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.202	-	8.6	20	84	0
2-Chloroethyl vinyl ether	0.137	0.12	-	12.4	20	80	0
Bromodichloromethane	0.317	0.286*	-	9.8	20	83	0
1,4-Dioxane	0.00227	0.00215*	-	5.3	20	90	0
cis-1,3-Dichloropropene	0.361	0.341	-	5.5	20	85	0
Chlorobenzene-d5	1	1	-	0	20	97	0
Toluene-d8	1.249	1.303	-	-4.3	20	97	0
Toluene	0.719	0.711	-	1.1	20	89	0
4-Methyl-2-pentanone	0.101	0.092	-	8.9	20	80	0
Tetrachloroethene	0.313	0.34	-	-8.6	20	97	0
trans-1,3-Dichloropropene	0.412	0.392	-	4.9	20	82	0
Ethyl methacrylate	0.372	0.328	-	11.8	20	77	0
1,1,2-Trichloroethane	0.222	0.199*	-	10.4	20	79	0
Chlorodibromomethane	0.31	0.293	-	5.5	20	79	0
1,3-Dichloropropane	0.409	0.388	-	5.1	20	81	0
1,2-Dibromoethane	0.254	0.243	-	4.3	20	80	0
2-Hexanone	0.205	0.171	-	16.6	20	80	0
Chlorobenzene	0.844	0.82	-	2.8	20	85	0
Ethylbenzene	1.384	1.381	-	0.2	20	90	0
1,1,1,2-Tetrachloroethane	0.306	0.291	-	4.9	20	81	0
p/m Xylene	0.579	0.566	-	2.2	20	88	0
o Xylene	0.572	0.538	-	5.9	20	84	0
Styrene	80	69.486	-	13.1	20	82	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
Bromoform	0.43	0.37	-	14	20	76	0
Isopropylbenzene	2.398	2.582	-	-7.7	20	91	0
4-Bromofluorobenzene	0.694	0.725	-	-4.5	20	94	0
Bromobenzene	0.637	0.626	-	1.7	20	82	0
n-Propylbenzene	2.887	3.093	-	-7.1	20	92	0
1,4-Dichlorobutane	0.708	0.65	-	8.2	20	78	0
1,1,2,2-Tetrachloroethane	0.601	0.565	-	6	20	79	0
4-Ethyltoluene	2.38	2.564	-	-7.7	20	91	0
2-Chlorotoluene	1.639	1.669	-	-1.8	20	84	0
1,3,5-Trimethylbenzene	2.087	2.17	-	-4	20	88	0
1,2,3-Trichloropropane	0.459	0.425	-	7.4	20	78	0
trans-1,4-Dichloro-2-buten	0.157	0.153	-	2.5	20	83	0
4-Chlorotoluene	1.685	1.74	-	-3.3	20	87	0
tert-Butylbenzene	1.807	1.901	-	-5.2	20	90	0
1,2,4-Trimethylbenzene	2.077	2.108	-	-1.5	20	86	0
sec-Butylbenzene	2.679	2.945	-	-9.9	20	93	0
p-Isopropyltoluene	2.384	2.543	-	-6.7	20	92	0
1,3-Dichlorobenzene	1.29	1.276	-	1.1	20	84	0
1,4-Dichlorobenzene	1.324	1.309	-	1.1	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA131	**Calibration Date**	: 07/17/25 11:47
Lab File ID	: V31250717A01	**Init. Calib. Date(s)**	: 07/16/25 07/16/25
Sample No	: WG2092279-2	**Init. Calib. Times**	: 13:22 17:35
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.44	1.534	-	-6.5	20	92	0
n-Butylbenzene	2.062	2.29	-	-11.1	20	95	0
1,2-Dichlorobenzene	1.218	1.18	-	3.1	20	82	0
1,2,4,5-Tetramethylbenzene	2.243	2.256	-	-0.6	20	86	0
1,2-Dibromo-3-chloropropan	0.105	0.104	-	1	20	80	0
1,3,5-Trichlorobenzene	0.941	0.981	-	-4.3	20	91	0
Hexachlorobutadiene	40	42.609	-	-6.5	20	95	0
1,2,4-Trichlorobenzene	0.892	0.879	-	1.5	20	88	0
Naphthalene	2.083	1.96	-	5.9	20	79	0
1,2,3-Trichlorobenzene	0.799	0.772	-	3.4	20	83	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for MORK on 11-10-24. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-13-25 (WG2090054-3). The RRF for 2-chloronaphthalene was below the method minimums, but not below 0.010 on 07-14-25 (WG2090397-3). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-13-25 (WG2090054-3). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-14-25 (WG2090397-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-13-25 (WG2090054-3). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-14-25 (WG2090397-3). The %D for 1,2,4,5-tetrachlorobenzene was above the allowable maximum (20%) on 07-14-24 (WG2090397-4). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2089348-2/3.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2542557**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL21695**
Calibration dates	**: 11/10/24 21:39 11/11/24 10:02**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.762	0.797	0.687	0.675	0.691	0.594	0.637	0.689	0.677	0.695	0.690	8.21
3)	t	Pyridine	1.003	1.199	1.081	0.964	1.075	0.926	0.953	1.047	1.085	1.125	1.046	8.11
4)	S	2-Fluorophenol	1.126	1.213	1.039	1.039	1.028	0.915	0.999	1.080	1.074	1.128	1.064	7.62
5)	T	Aniline	1.796	2.162	1.651	1.708	1.698	1.517	1.630	1.737	1.726	1.770	1.740	9.68
6)	t	2-Chlorophenol	1.300	1.511	1.226	1.211	1.239	1.094	1.178	1.247	1.238	1.281	1.252	8.57
7)	S	Phenol-d6	1.436	1.597	1.383	1.323	1.373	1.211	1.317	1.415	1.400	1.431	1.388	7.18
8)	T	Phenol	1.693	1.844	1.598	1.506	1.560	1.402	1.500	1.605	1.599	1.654	1.596	7.55
9)	T	bis(2-Chloroethyl)ether	1.071	1.187	1.100	1.051	1.045	0.944	0.998	1.066	1.039	1.073	1.057	5.96
10)	T	1,3-Dichlorobenzene	1.592	1.801	1.551	1.555	1.496	1.348	1.408	1.461	1.442	1.492	1.515	8.20
11)	T	1,4-Dichlorobenzene	1.674	1.912	1.603	1.541	1.583	1.388	1.445	1.491	1.466	1.513	1.562	9.51
12)	T	1,2-Dichlorobenzene	1.599	1.818	1.585	1.484	1.511	1.329	1.391	1.456	1.394	1.475	1.504	9.23
13)	t	Benzyl alcohol	1.058	1.224	0.992	1.024	1.019	0.935	0.999	1.065	1.035	1.102	1.045	7.42
14)	T	bis(2-chloroisopropyl)ether	1.363	1.432	1.213	1.191	1.175	1.065	1.113	1.158	1.119	1.143	1.197	9.59
15)	T	2-Methylphenol	1.079	1.339	1.094	1.069	1.106	0.976	1.041	1.098	1.077	1.124	1.100	8.47
16)	T	Hexachloroethane	0.526	0.626	0.556	0.535	0.532	0.480	0.502	0.518	0.518	0.544	0.534	7.29
17)	T	n-Nitrosodi-n-propylamine	0.943	1.083	0.906	0.873	0.867	0.782	0.815	0.869	0.838	0.877	0.885	9.36
18)	T	3-Methylphenol/4-Methylphenol	1.285	1.364	1.191	1.117	1.163	1.059	1.119	1.169	1.149	1.218	1.183	7.45
19)	S	Nitrobenzene-d5	1.275	1.358	1.235	1.226	1.233	1.122	1.185	1.245	1.225	1.267	1.237	4.92
20)	T	Nitrobenzene	1.250	1.440	1.257	1.239	1.271	1.134	1.213	1.260	1.238	1.281	1.258	6.04
21)	T	Isophorone	2.579	2.823	2.398	2.360	2.400	2.098	2.184	2.288	2.251	2.356	2.374	8.65
22)	T	2-Nitrophenol	0.513	0.646	0.582	0.559	0.622	0.580	0.633	0.685	0.672	0.692	0.618	9.53
23)	T	2,4-Dimethylphenol	1.251	1.480	1.171	1.119	1.152	1.038	1.090	1.162	1.143	1.208	1.181	10.18
24)	T	bis(2-Chloroethoxy)methane	1.580	1.739	1.476	1.386	1.402	1.233	1.349	1.407	1.378	1.439	1.439	9.57
25)	T	2,4-Dichlorophenol	1.175	1.531	1.250	1.214	1.257	1.124	1.191	1.258	1.238	1.300	1.254	8.74
26)	T	1,2,4-Trichlorobenzene	1.589	1.800	1.551	1.435	1.480	1.300	1.360	1.415	1.405	1.466	1.480	9.51
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.973	0.971	1.081	0.978	0.964	1.021	0.980	1.008	0.953	1.020	0.995	3.85
29)	T	Acetophenone	1.827	1.670	1.844	1.753	1.736	1.802	1.768	1.779	1.665	1.797	1.764	3.43
30)	T	m-Toluidine	1.557	1.521	1.692	1.634	1.638	1.756	1.697	1.723	1.609	1.721	1.655	4.63
31)	T	2-Chloroaniline	1.571	1.468	1.608	1.567	1.515	1.628	1.562	1.580	1.495	1.596	1.559	3.28
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.460	0.440	0.463	0.452	0.368	0.433	0.424	0.405	0.396	0.401	0.424	7.34
34)	T	n-Decane	1.090	1.002	0.925	0.962	0.906	0.989	0.940	0.931	0.903	0.911	0.956	6.07
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.173	1.325	1.085	1.121	1.049	0.938	0.986	1.002	0.979	0.988	1.064	10.96

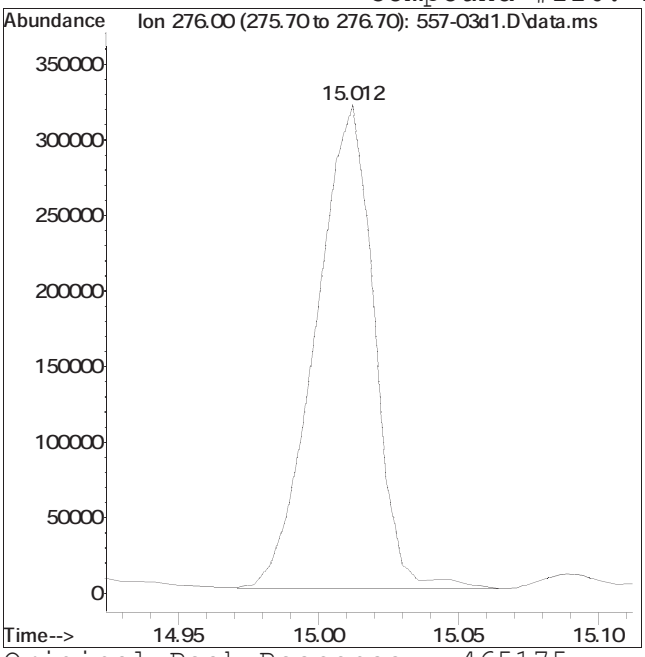
Initial Calibration

Semivolatiles Standards Data

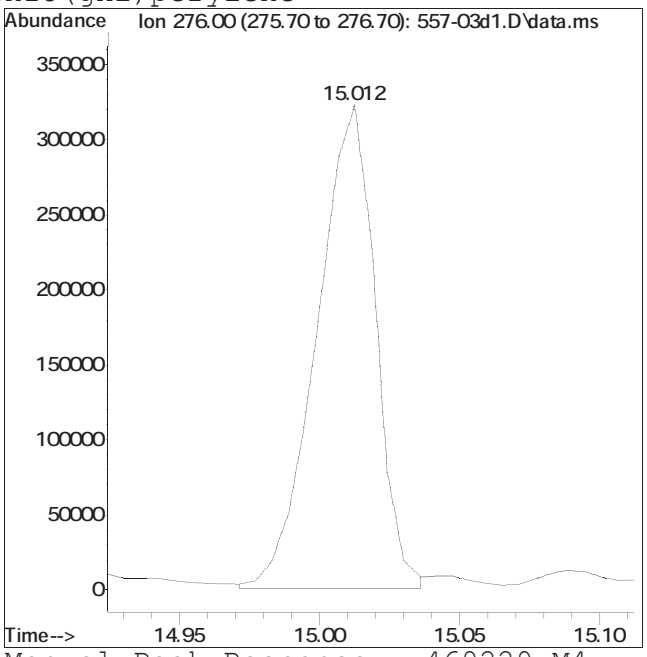
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #116: Benzo(ghi)perylene



Original Peak Response = 465175



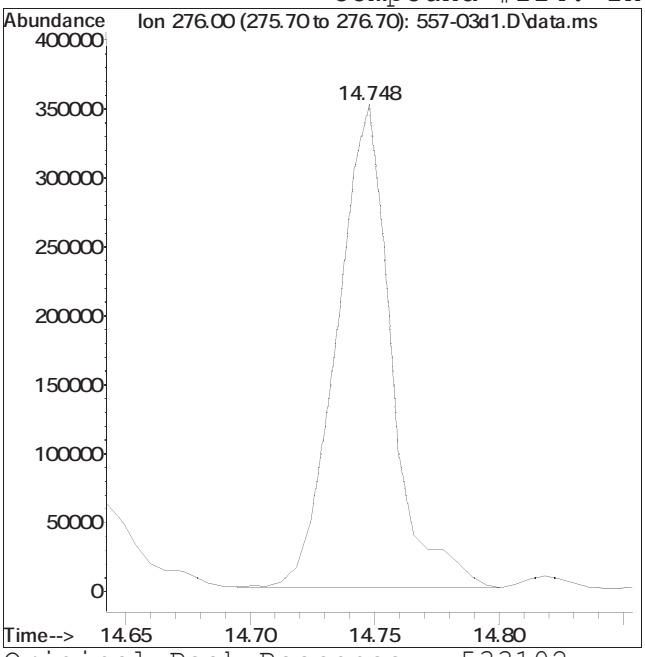
Manual Peak Response = 469229 M4

M4 = Poor automated baseline construction.

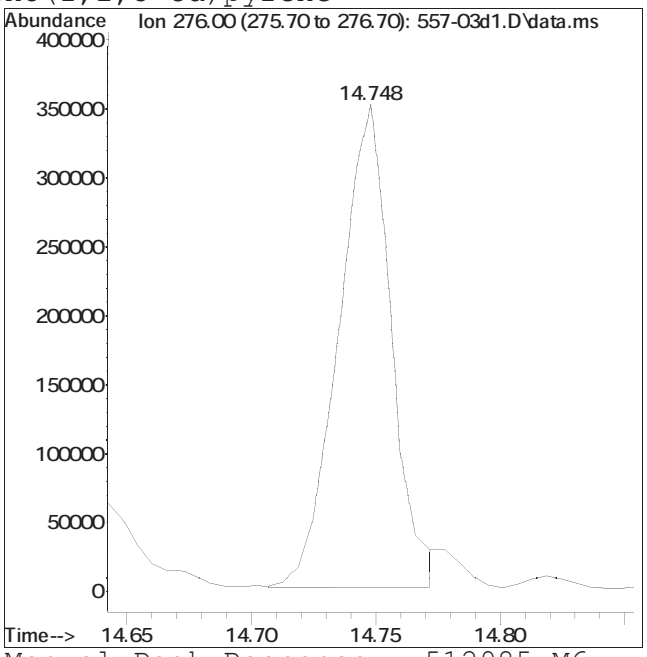
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 533102



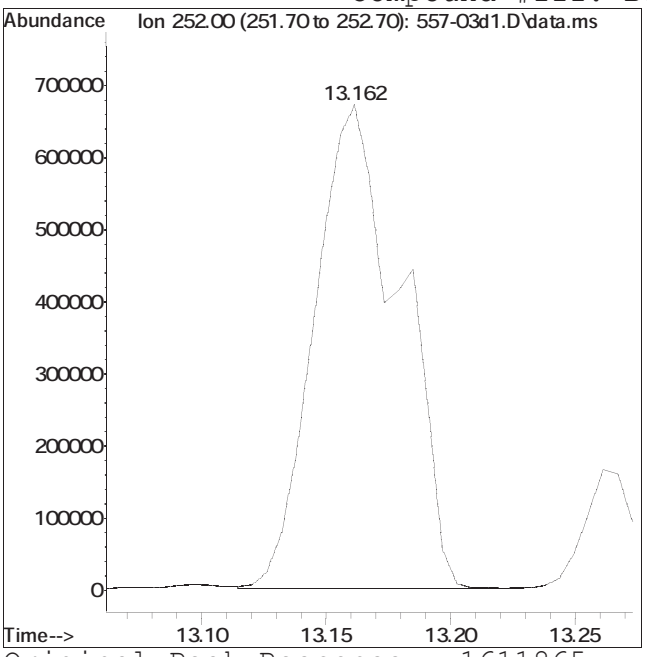
Manual Peak Response = 512985 M6

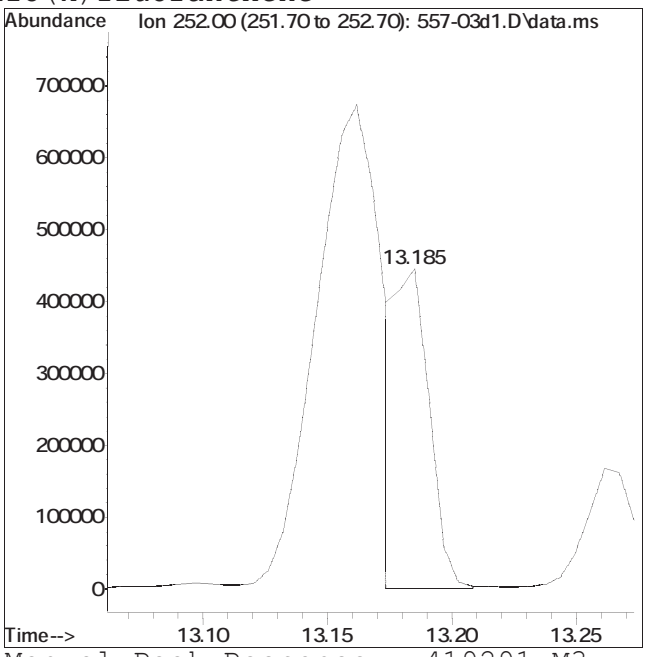
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #111: Benzo(k)fluoranthene





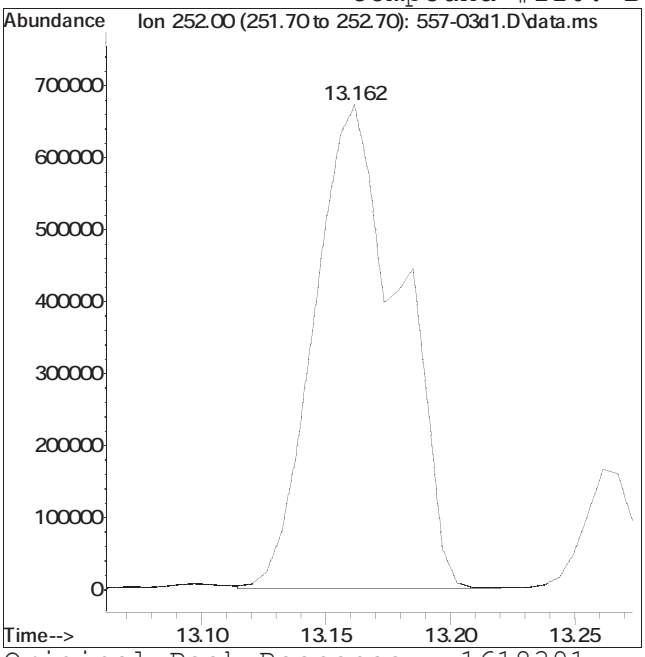
Original Peak Response = 1611865 Manual Peak Response = 419291 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

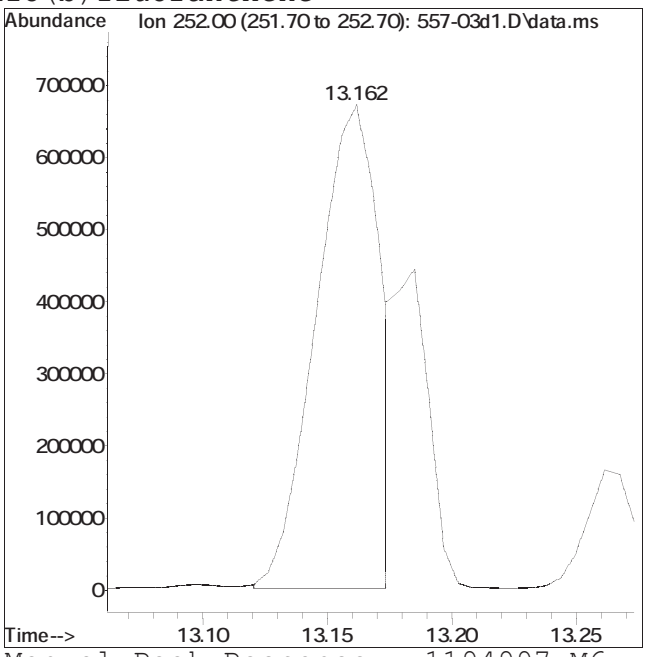
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #110: Benzo(b)fluoranthene



Original Peak Response = 1618391



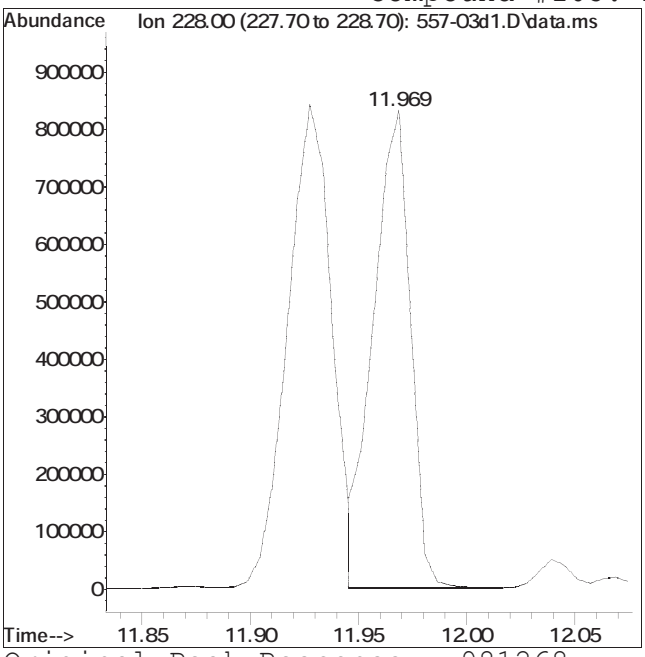
Manual Peak Response = 1194997 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

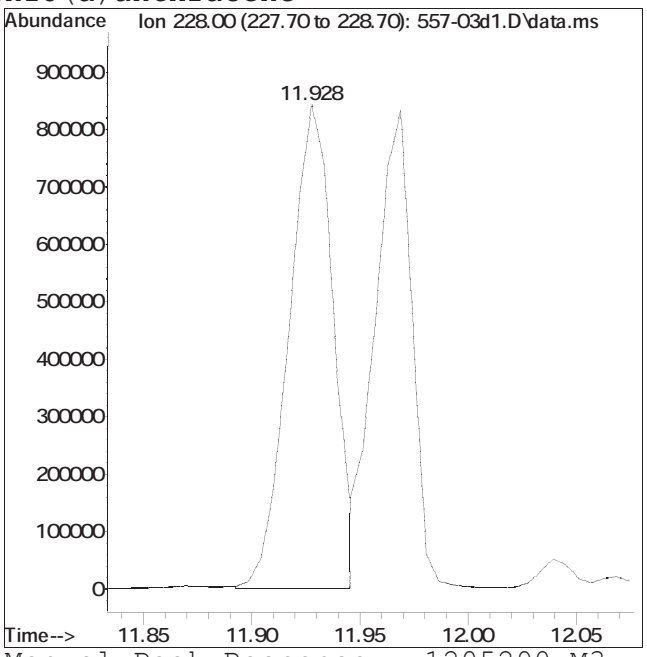
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #105: Benzo(a)anthracene



Original Peak Response = 981268



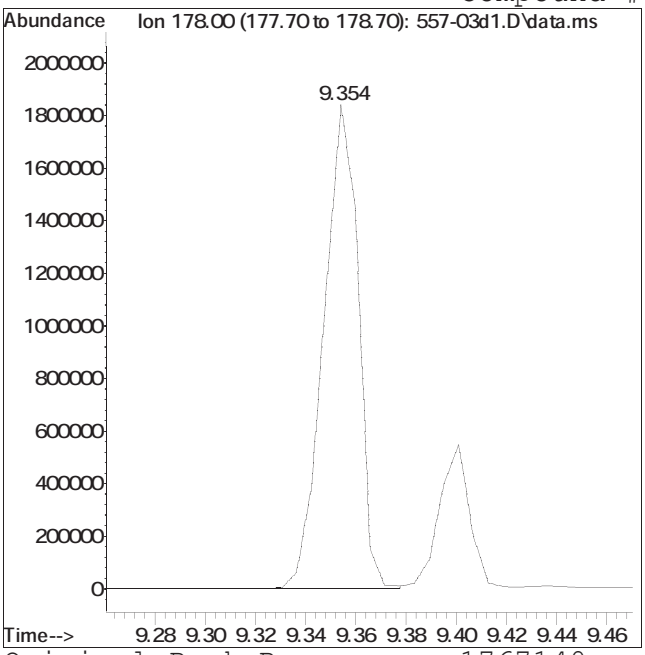
Manual Peak Response = 1205290 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

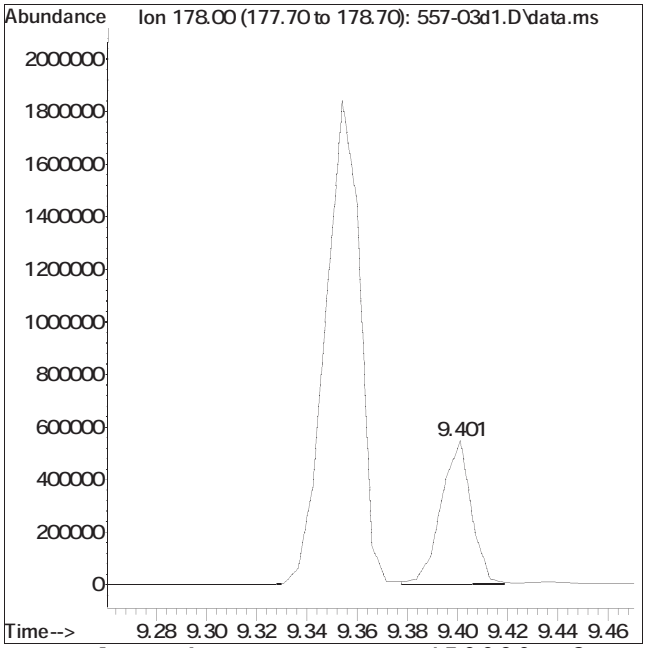
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #90: Anthracene



Original Peak Response = 1767140



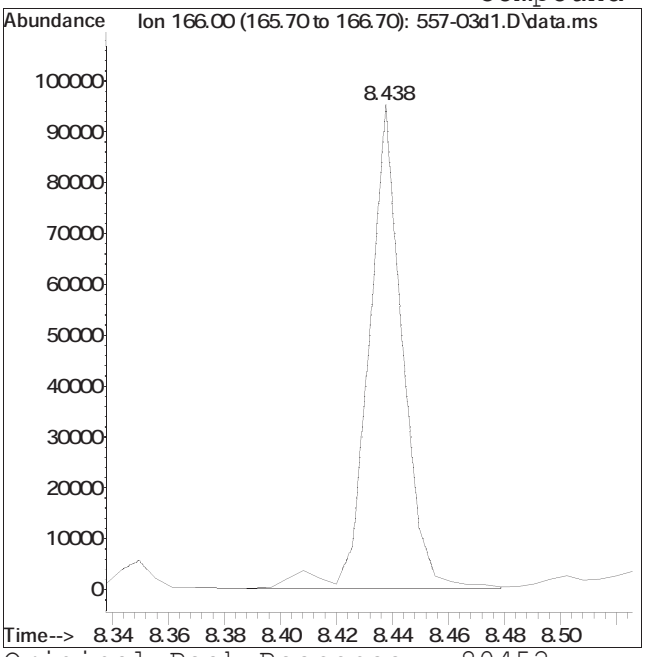
Manual Peak Response = 459080 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

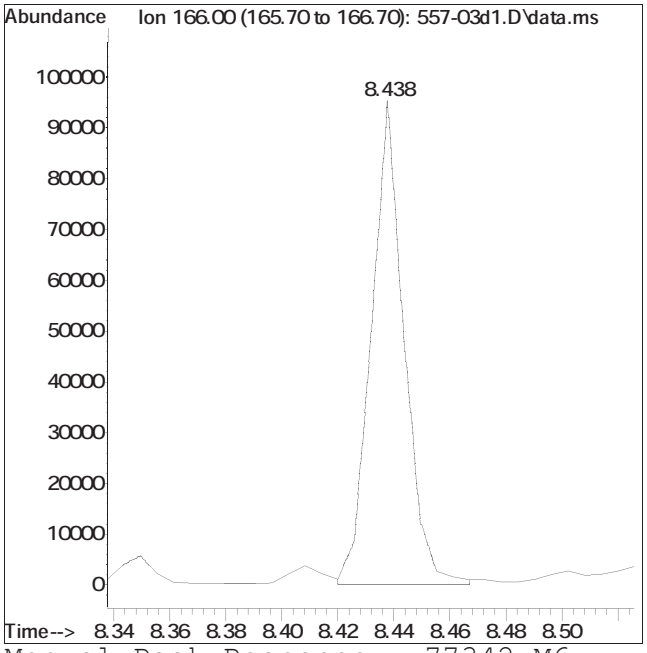
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #73: Fluorene



Original Peak Response = 80452



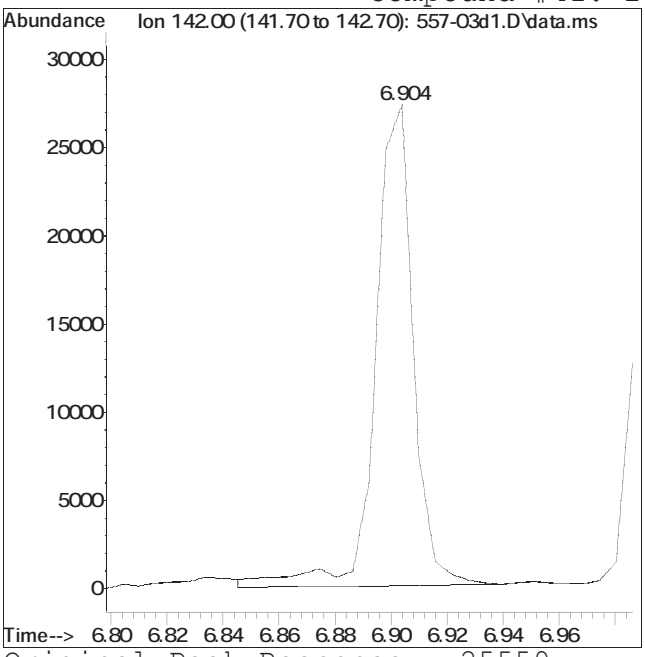
Manual Peak Response = 77342 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

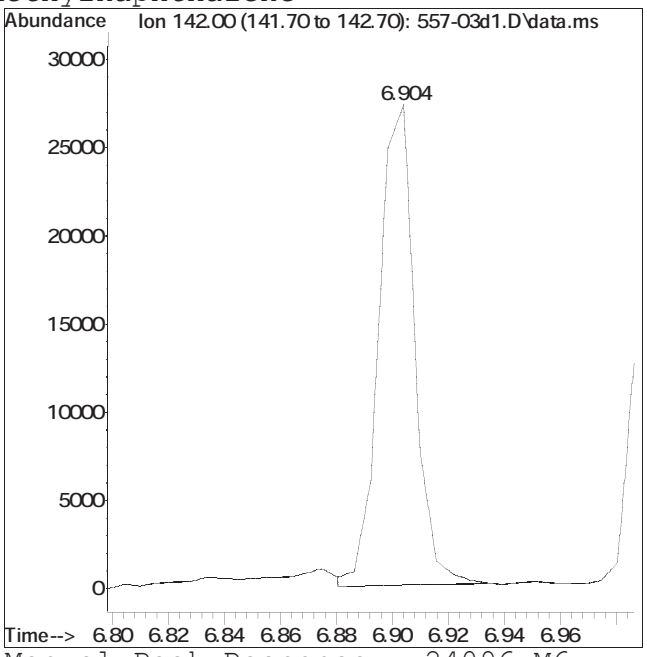
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-03d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:40 pm Instrument : Mork
Sample : L2542557-03d,32,5,R3F,HNY Quant Date : 7/14/2025 5:59 pm

Compound #41: 2-Methylnaphthalene

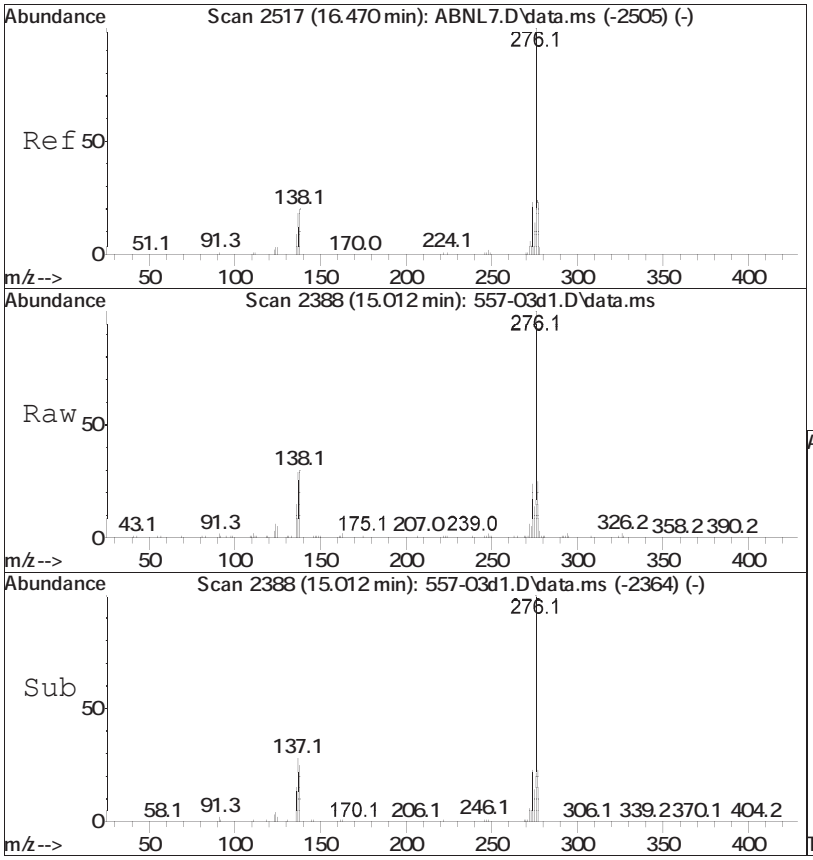


Original Peak Response = 25559



Manual Peak Response = 24096 M6

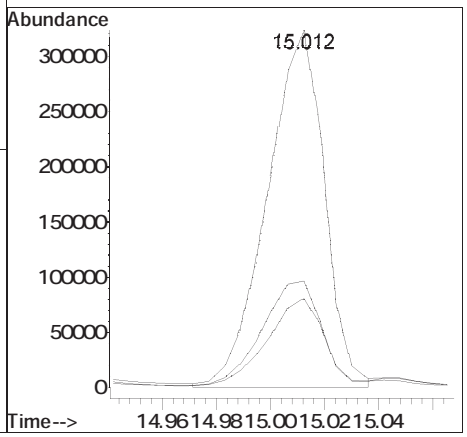
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

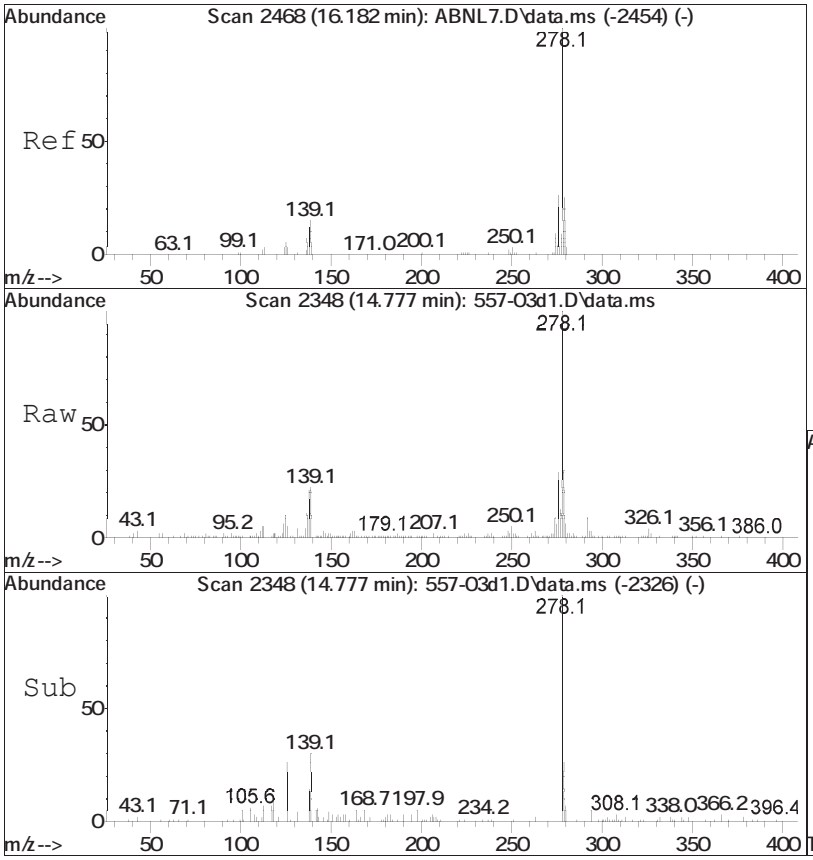


#116
Benzo(ghi)perylene
Concen: 27.78 ug/ml M4
RT: 15.012 min Scan# 2388
Delta R.T. 0.018 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:276 Resp: 469229

Ion	Ratio	Lower	Upper
276	100		
138	31.1	26.1	39.1
277	24.5	19.4	29.0

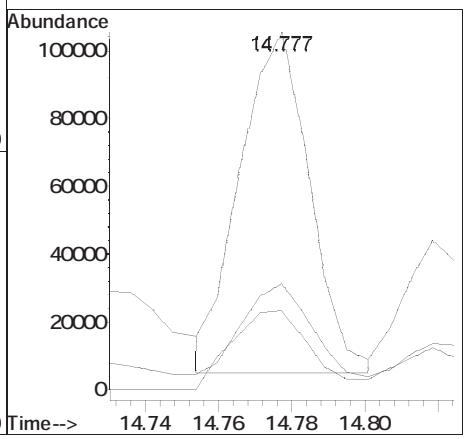


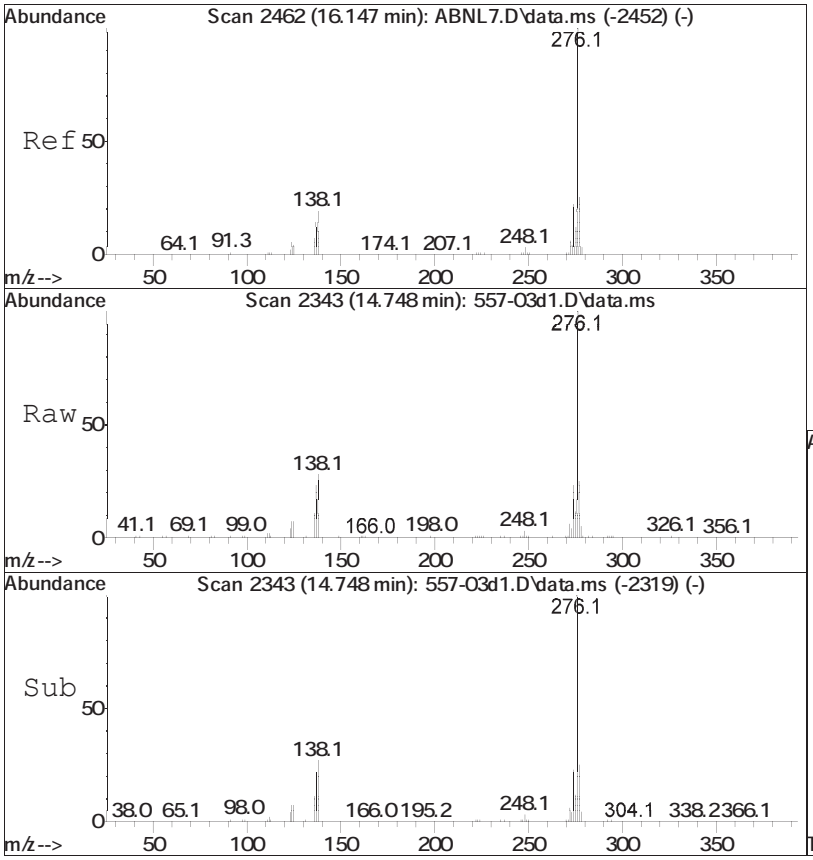


#115
Dibenzo(a,h)anthracene
Concen: 7.62 ug/ml
RT: 14.777 min Scan# 2348
Delta R.T. 0.006 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:278 Resp: 132819

Ion	Ratio	Lower	Upper
278	100		
139	26.5	18.2	27.4
279	26.2	19.3	28.9

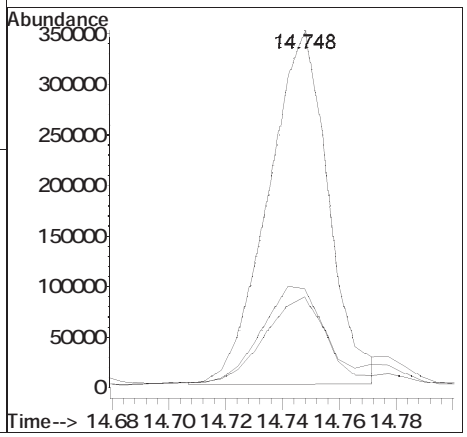


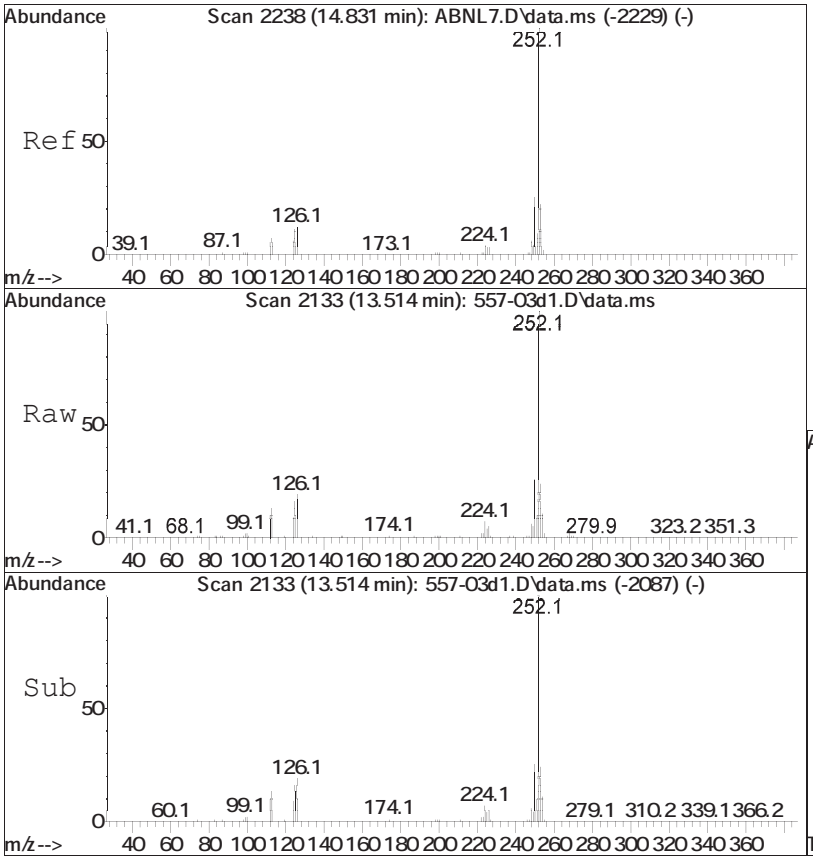


#114
Indeno(1,2,3-cd)pyrene
Concen: 27.89 ug/mL M6
RT: 14.748 min Scan# 2343
Delta R.T. 0.018 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:276 Resp: 512985

Ion	Ratio	Lower	Upper
276	100		
138	34.0	26.7	40.1
277	28.9	20.4	30.6

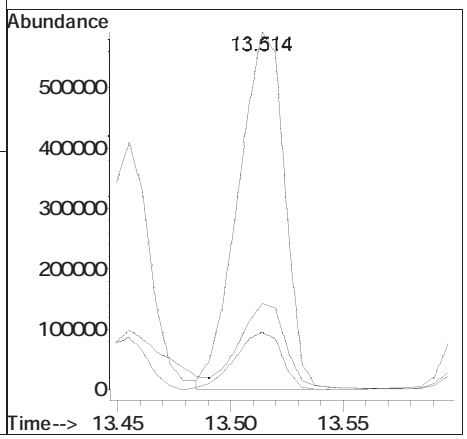


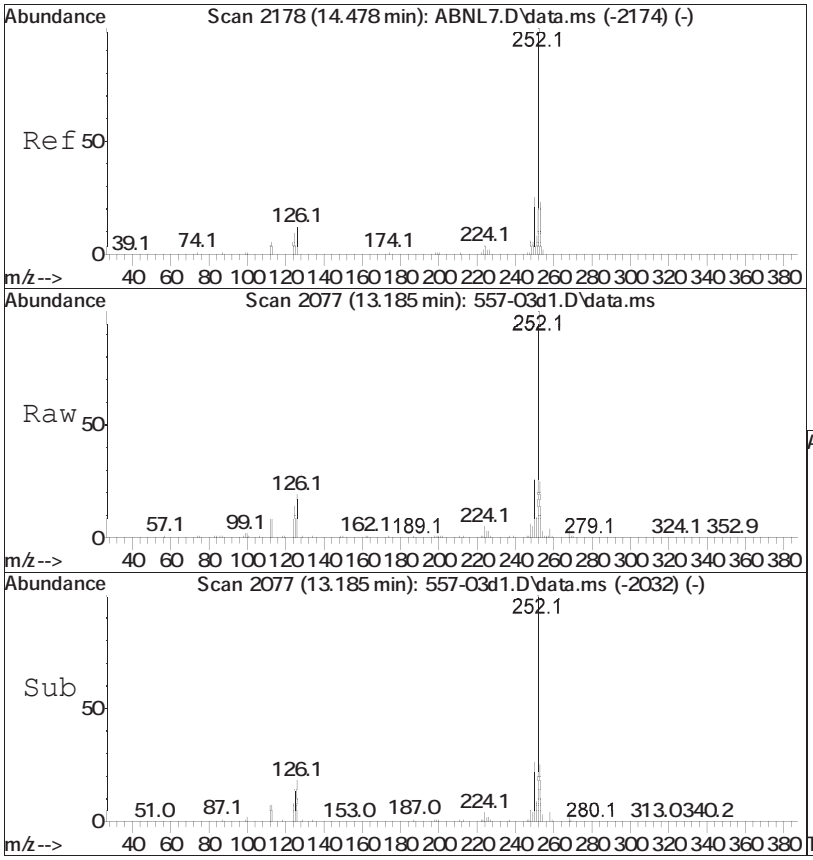


#112
Benzo(a)pyrene
Concen: 48.55 ug/ml
RT: 13.514 min Scan# 2133
Delta R.T. 0.018 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:252 Resp: 844009

Ion	Ratio	Lower	Upper
252	100		
125	16.5	13.3	19.9
253	23.7	18.2	27.4

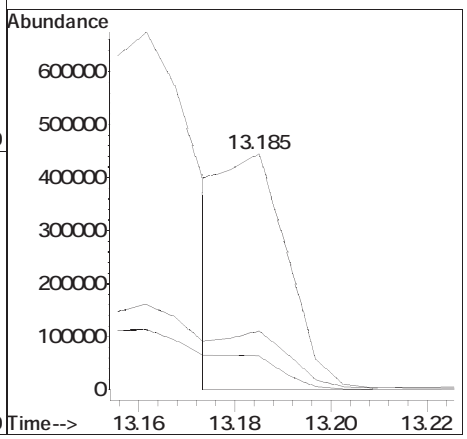


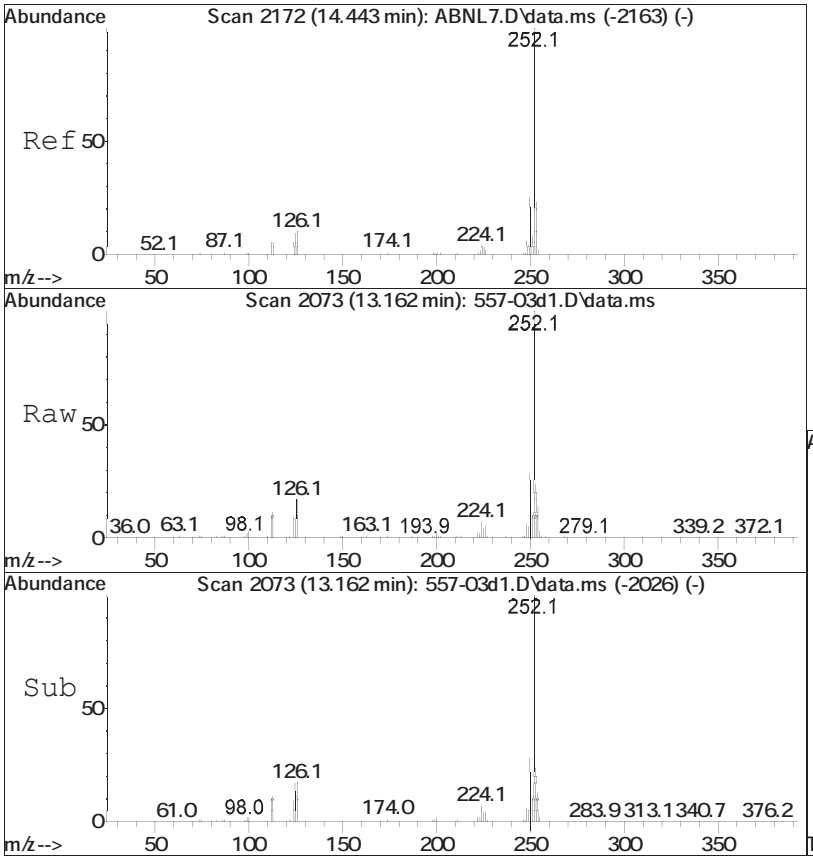


#111
Benzo(k)fluoranthene
Concen: 23.15 ug/ml M3
RT: 13.185 min Scan# 2077
Delta R.T. 0.012 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:252 Resp: 419291

Ion	Ratio	Lower	Upper
252	100		
125	62.2	12.1	18.1#
253	90.0	18.1	27.1#

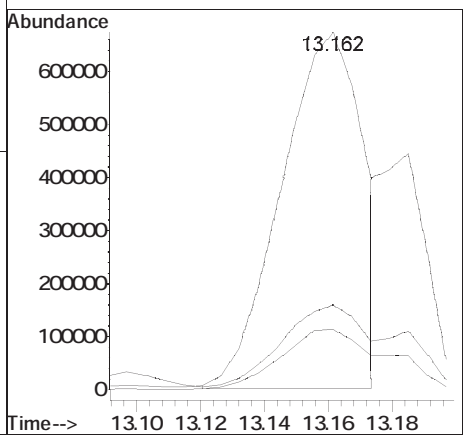


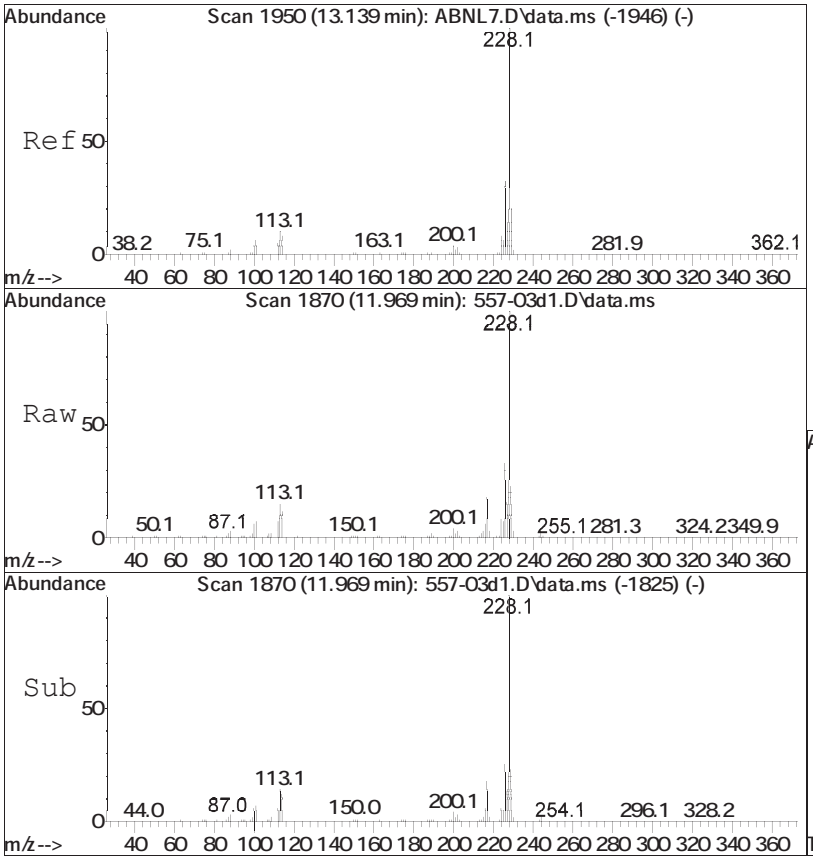


#110
Benzo(b)fluoranthene
Concen: 62.24 ug/ml M6
RT: 13.162 min Scan# 2073
Delta R.T. 0.024 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:252 Resp: 1194997

Ion	Ratio	Lower	Upper
252	100		
125	21.7	12.6	18.8#
253	32.3	18.2	27.2#

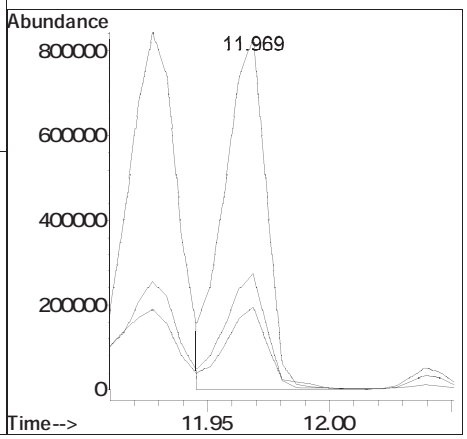


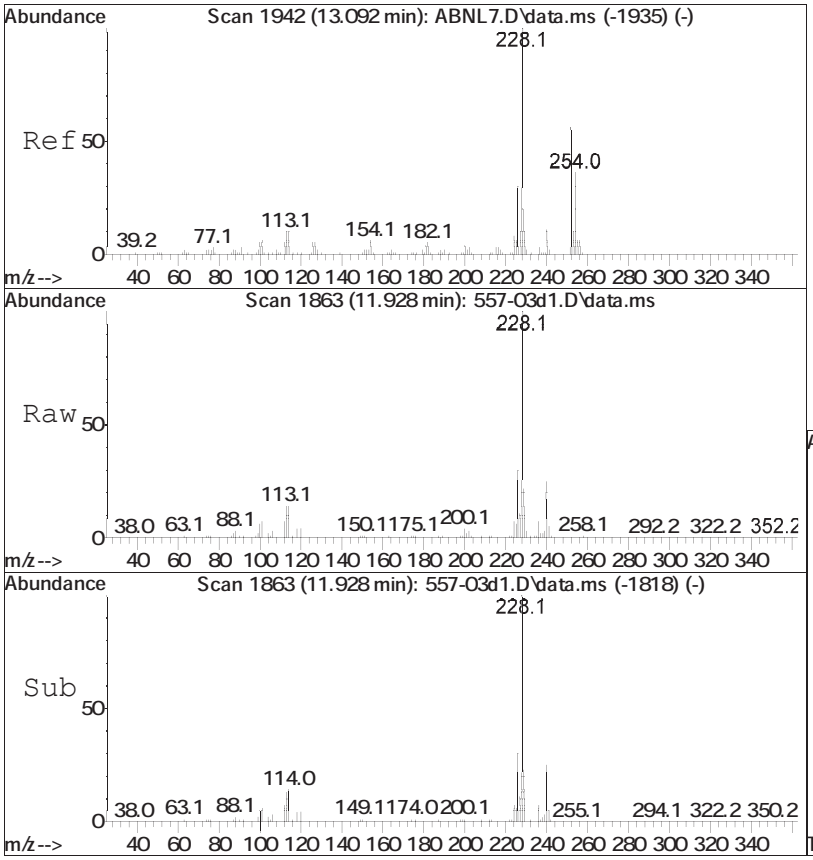


#107
Chrysene
Concen: 56.80 ug/ml
RT: 11.969 min Scan# 1870
Delta R.T. 0.012 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:228 Resp: 986031

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	24.5	16.6	24.8

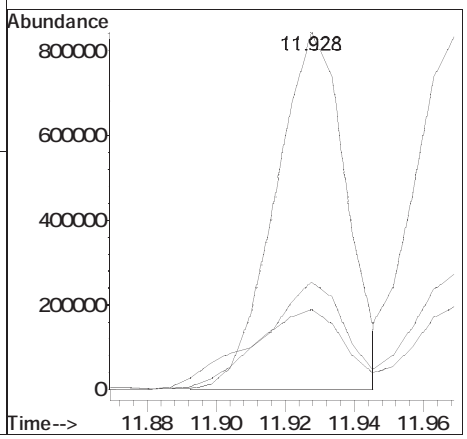


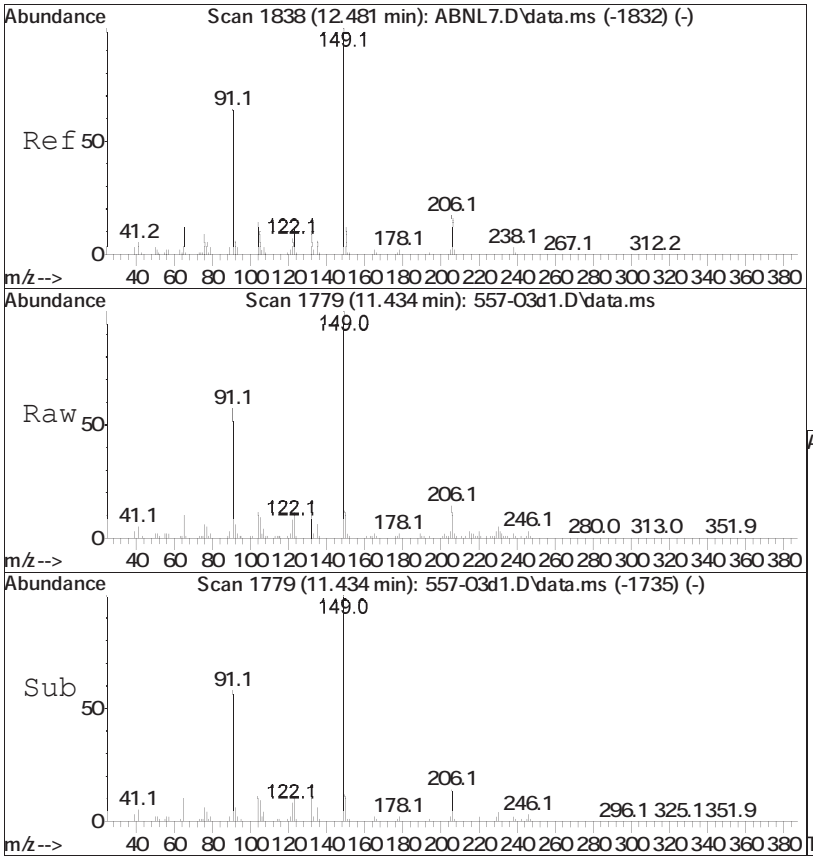


#105
Benzo(a)anthracene
Concen: 64.55 ug/ml M3
RT: 11.928 min Scan# 1863
Delta R.T. 0.012 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:228 Resp: 1205290

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.9	34.3
229	19.2	16.1	24.1

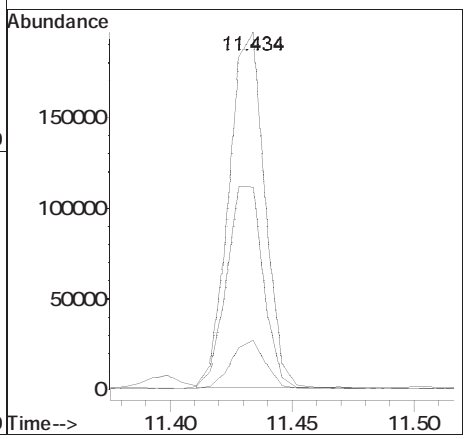


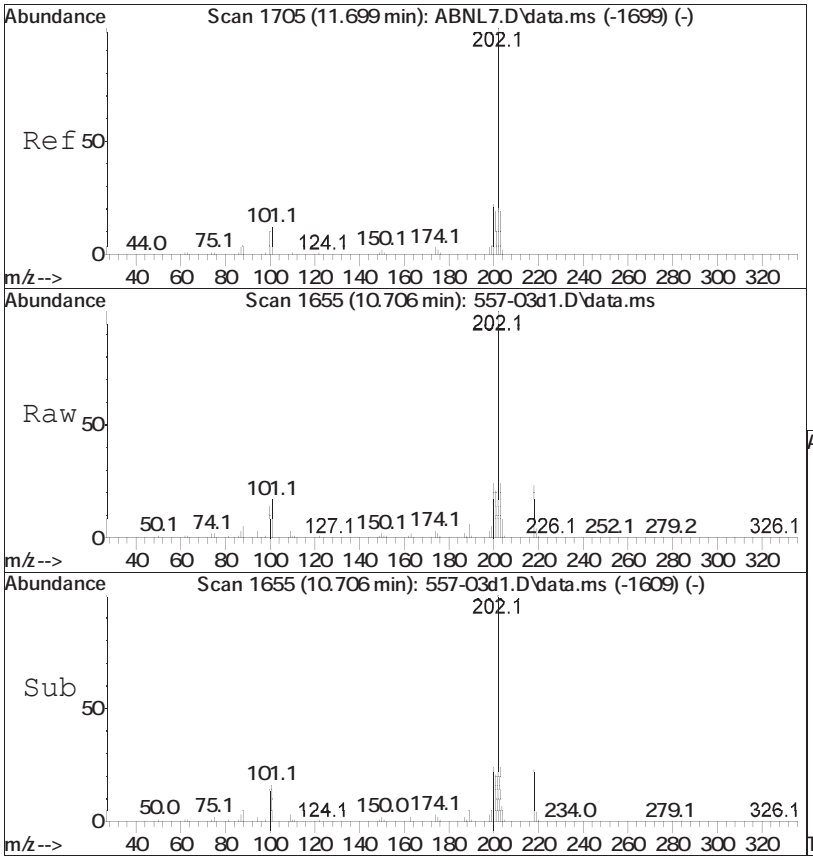


#97
Butyl benzyl phthalate
Concen: 31.19 ug/ml
RT: 11.434 min Scan# 1779
Delta R.T. 0.006 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:149 Resp: 198625

Ion	Ratio	Lower	Upper
149	100		
91	58.8	53.4	80.2
206	13.5	13.3	19.9

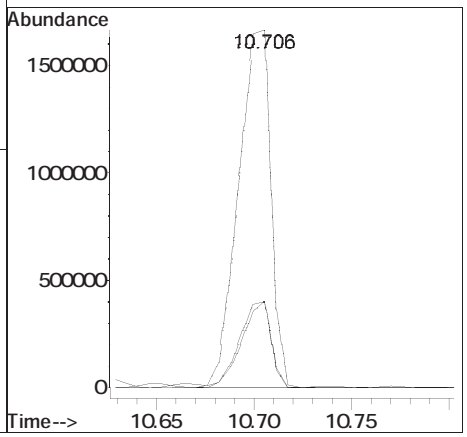


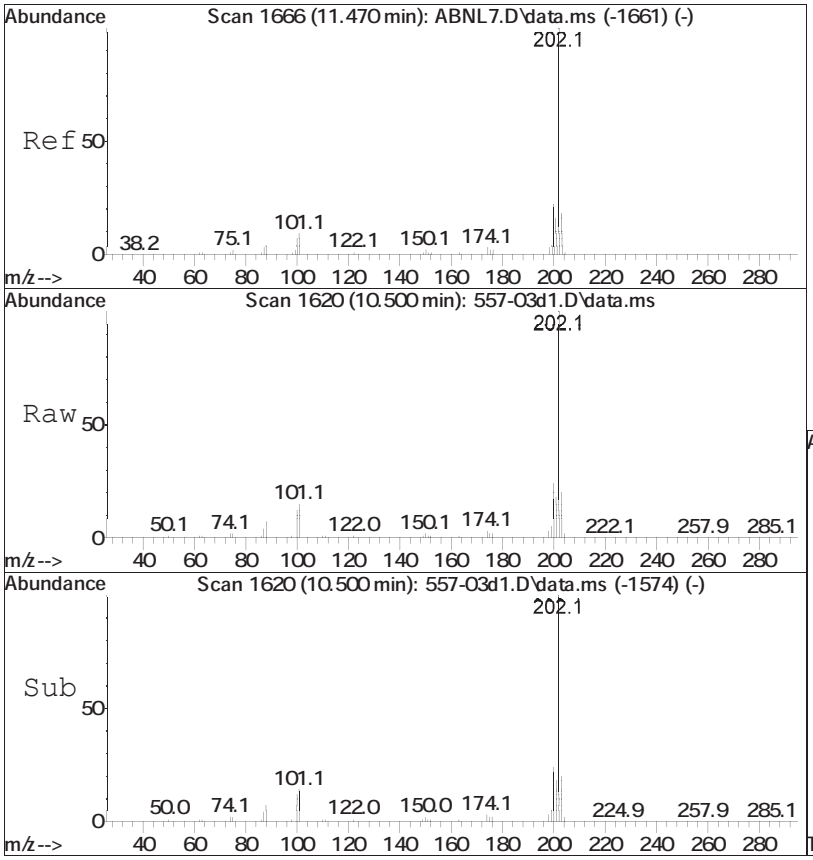


#95
Pyrene
Concen: 99.72 ug/ml
RT: 10.706 min Scan# 1655
Delta R.T. 0.018 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:202 Resp: 1915650

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.2	25.8
203	21.8	15.0	22.6

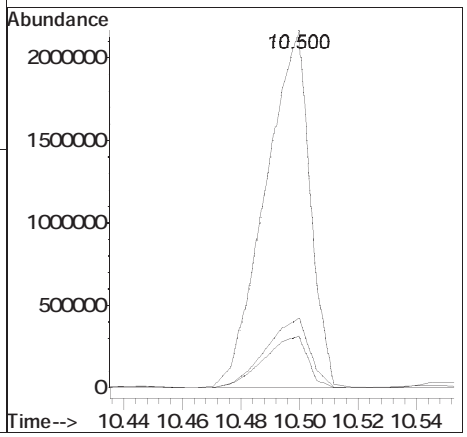


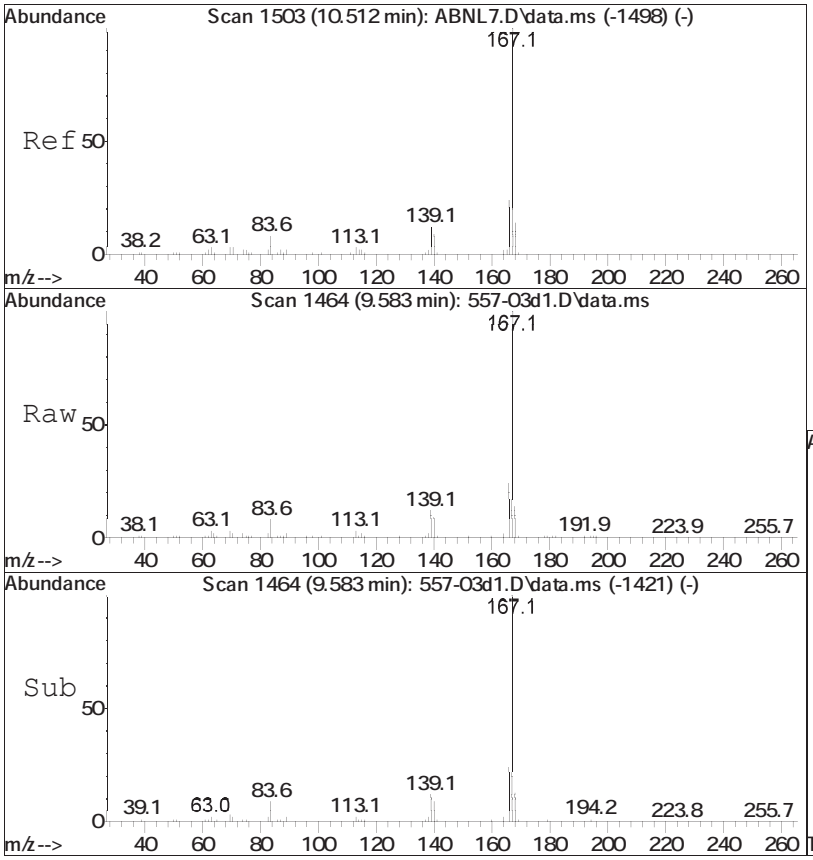


#93
Fluoranthene
Concen: 123.52 ug/ml
RT: 10.500 min Scan# 1620
Delta R.T. 0.018 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:202 Resp: 2273593

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.6	19.0
203	19.2	14.4	21.6

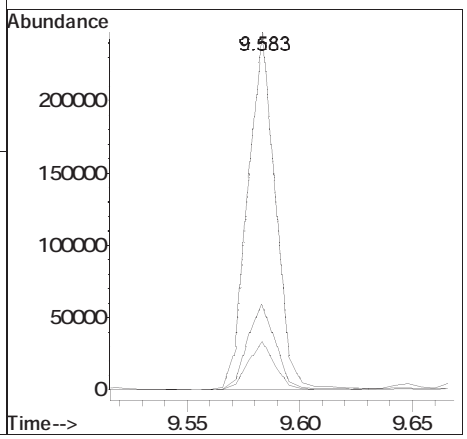


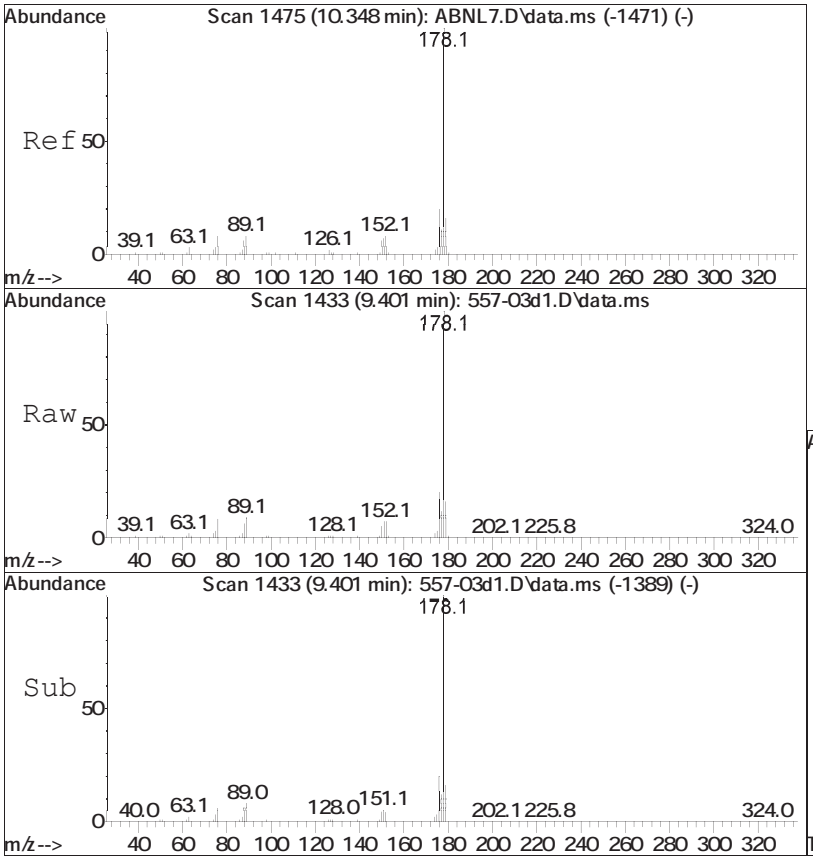


#91
Carbazole
Concen: 15.42 ug/ml
RT: 9.583 min Scan# 1464
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:167 Resp: 208865

Ion	Ratio	Lower	Upper
167	100		
168	13.3	11.3	16.9
166	24.4	17.8	26.8

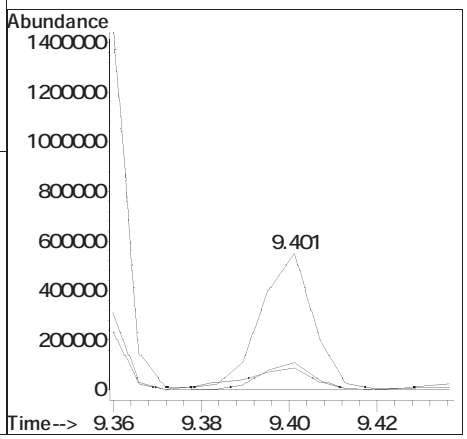


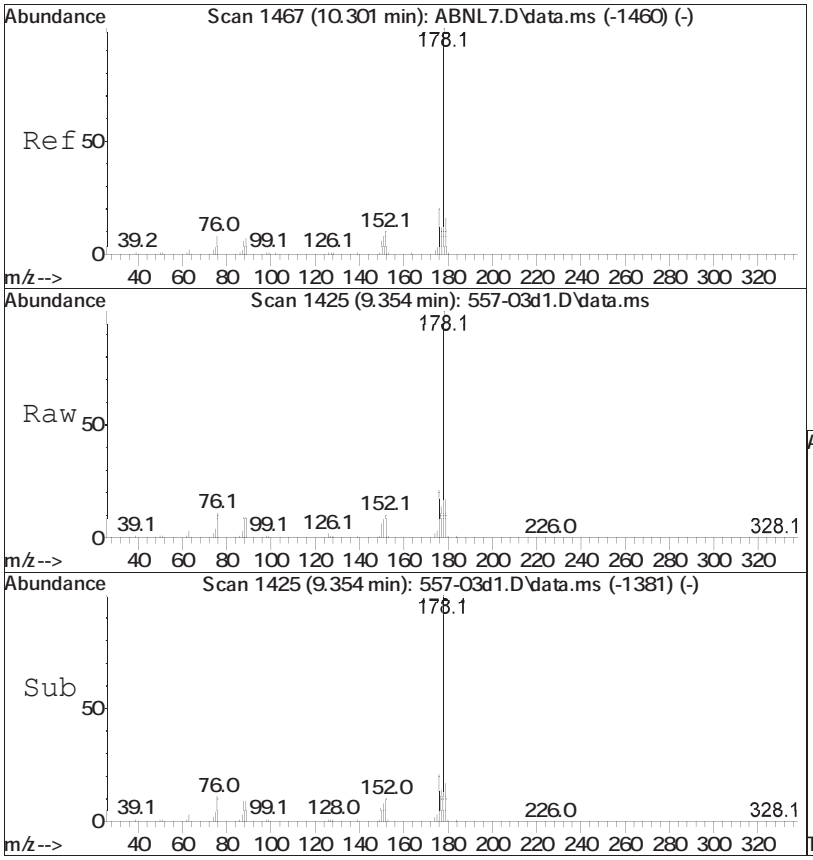


#90
Anthracene
Concen: 31.07 ug/ml M3
RT: 9.401 min Scan# 1433
Delta R.T. 0.006 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:178 Resp: 459080

Ion	Ratio	Lower	Upper
178	100		
179	63.7	12.5	18.7#
176	81.4	15.4	23.0#

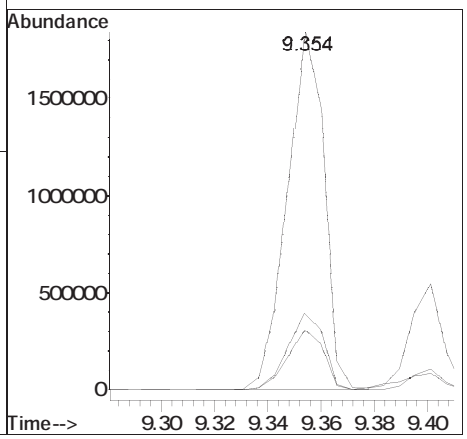


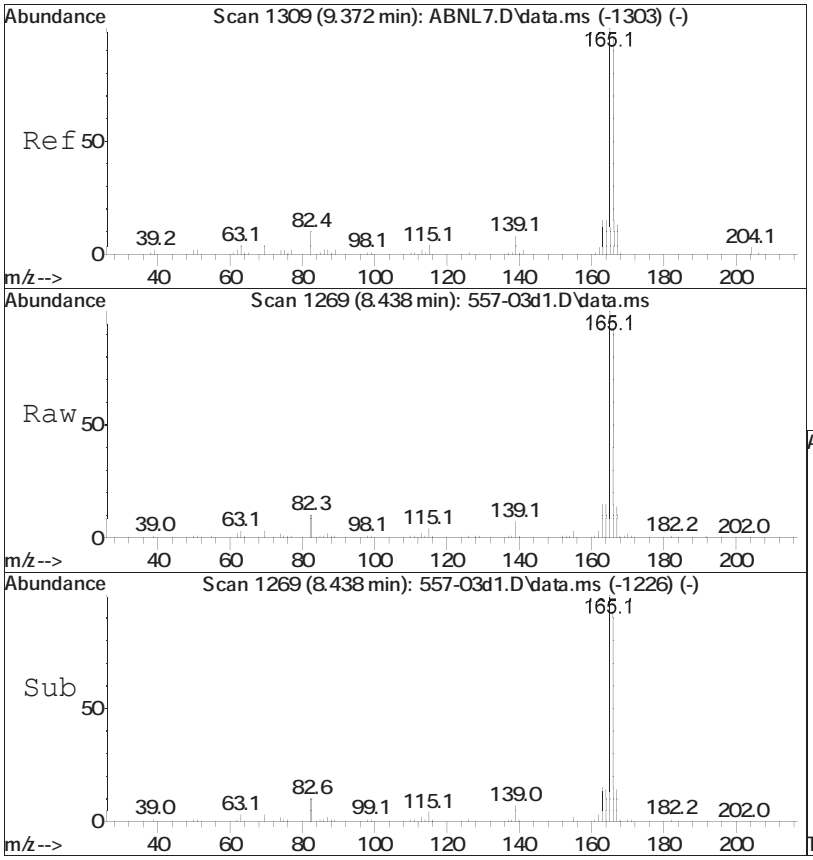


#89
Phenanthrene
Concen: 119.86 ug/ml
RT: 9.354 min Scan# 1425
Delta R.T. 0.006 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:178 Resp: 1767140

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	21.2	15.8	23.6

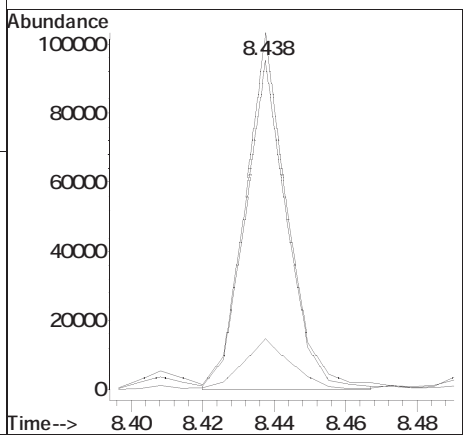


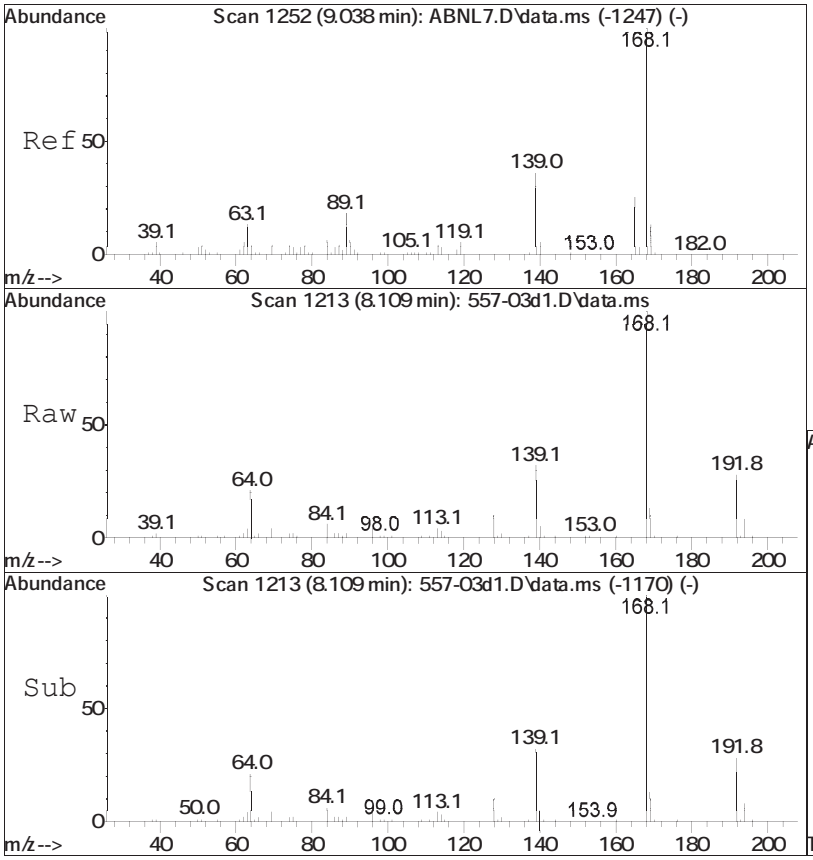


#73
Fluorene
Concen: 7.99 ug/ml M6
RT: 8.438 min Scan# 1269
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:166 Resp: 77342

Ion	Ratio	Lower	Upper
166	100		
165	108.1	77.2	115.8
167	19.3	10.9	16.3#

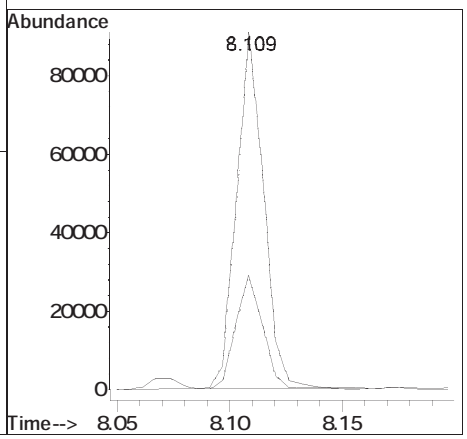


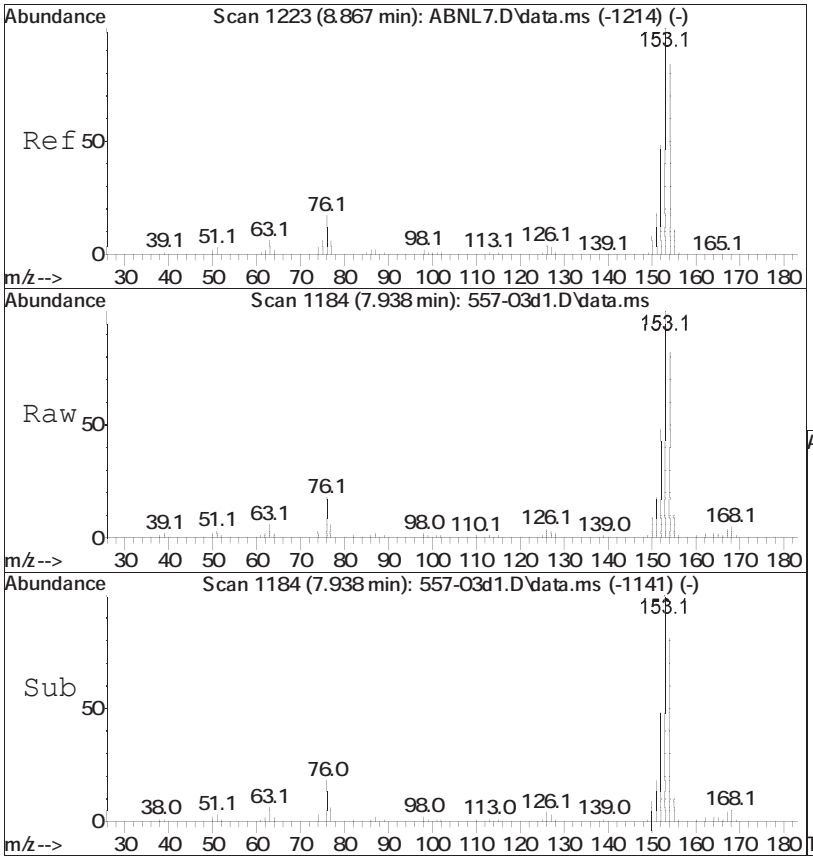


#67
Dibenzofuran
Concen: 6.22 ug/ml
RT: 8.109 min Scan# 1213
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:168 Resp: 75372

Ion	Ratio	Lower	Upper
168	100		
139	32.3	28.0	42.0

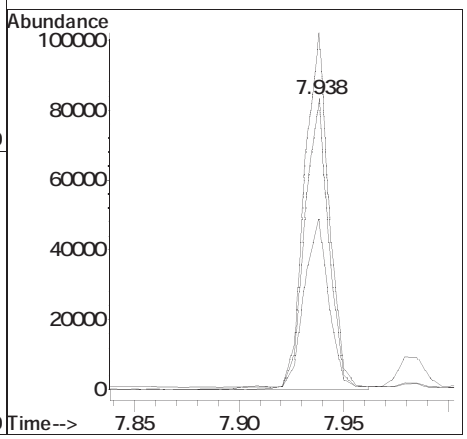


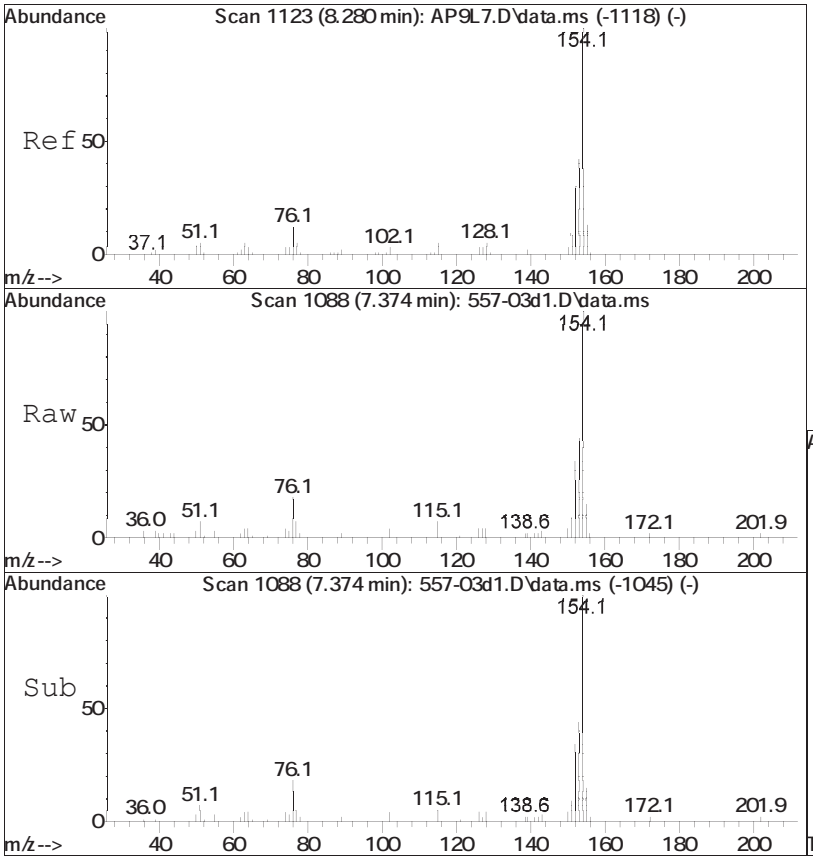


#65
Acenaphthene
Concen: 9.16 ug/ml
RT: 7.938 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:154 Resp: 67304

Ion	Ratio	Lower	Upper
154	100		
153	124.1	89.4	134.0
152	59.1	42.2	63.2

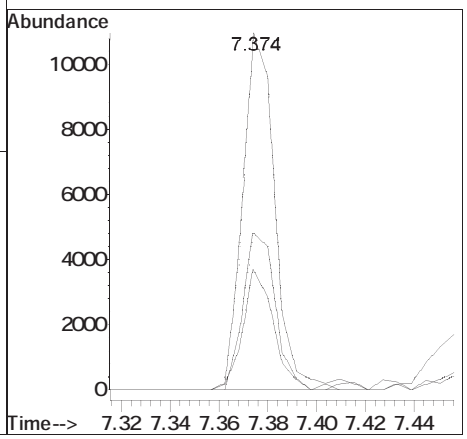


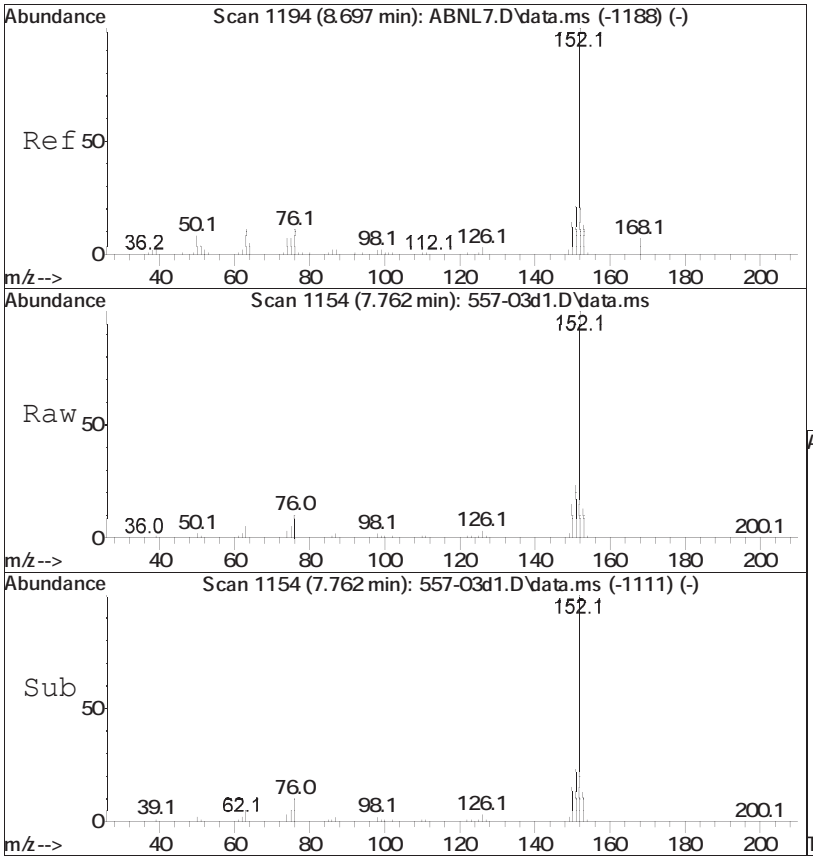


#62
Biphenyl
Concen: 1.03 ug/ml
RT: 7.374 min Scan# 1088
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:154 Resp: 10080

Ion	Ratio	Lower	Upper
154	100		
153	44.3	33.8	50.8
152	31.8	23.0	34.6

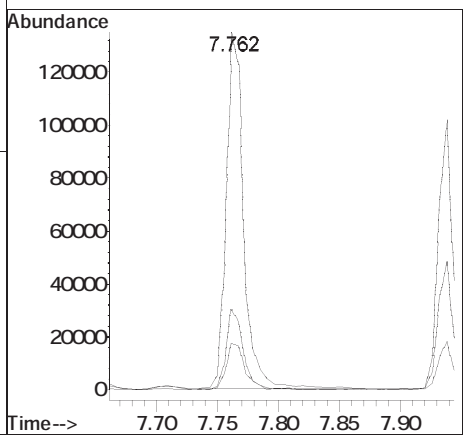


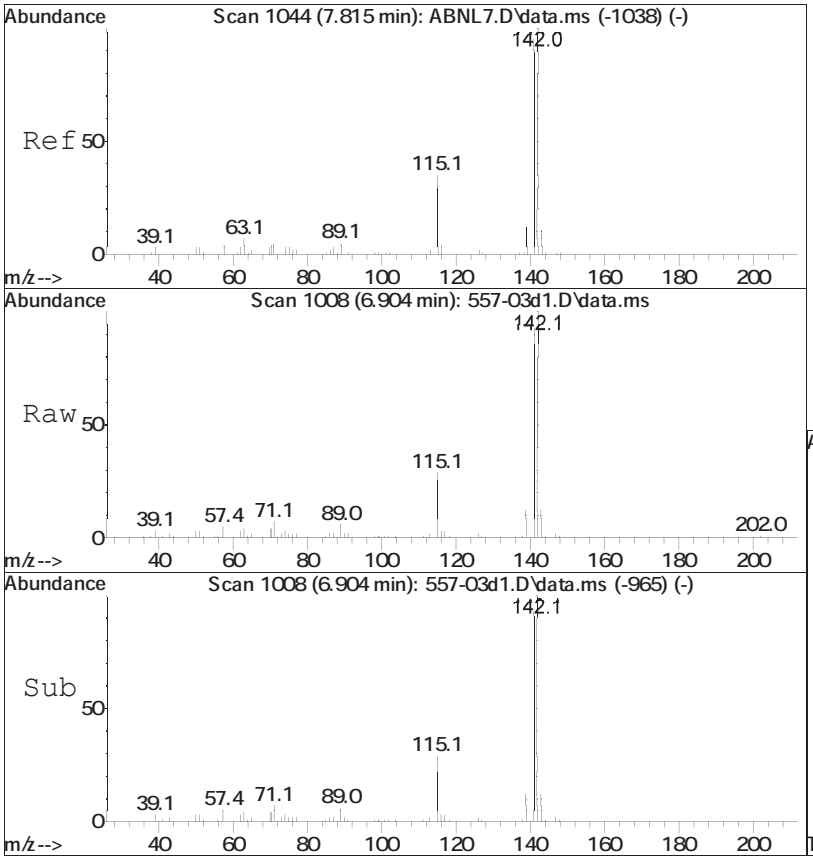


#52
Acenaphthylene
Concen: 10.63 ug/ml
RT: 7.762 min Scan# 1154
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:152 Resp: 133630

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.7	25.1
153	14.6	11.1	16.7

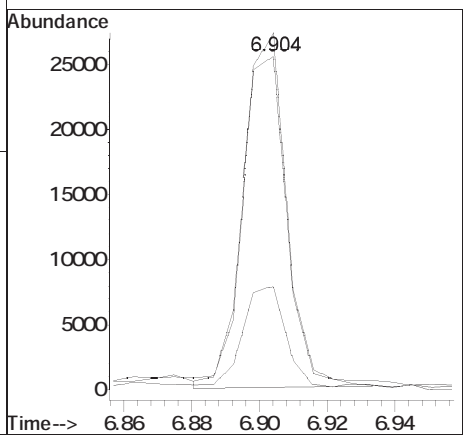


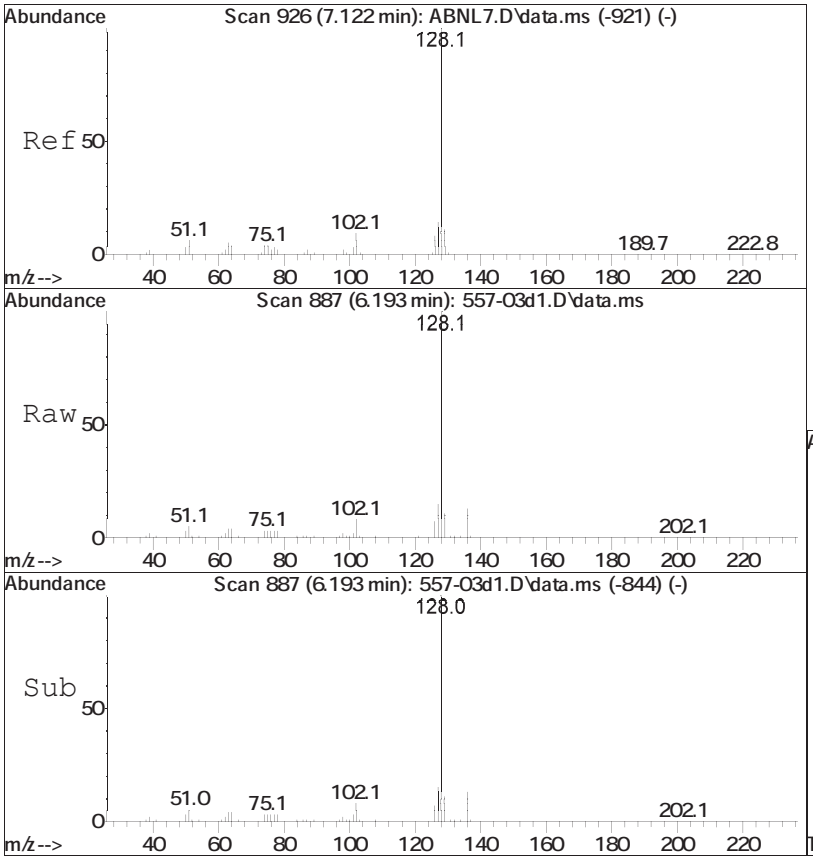


#41
2-Methylnaphthalene
Concen: 3.18 ug/ml M6
RT: 6.904 min Scan# 1008
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:142 Resp: 24096

Ion	Ratio	Lower	Upper
142	100		
141	105.2	69.5	104.3#
115	27.7	25.4	38.2

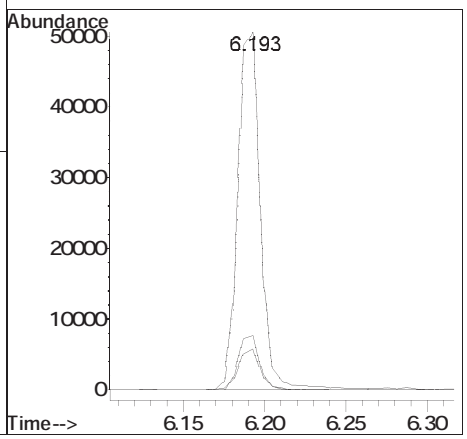


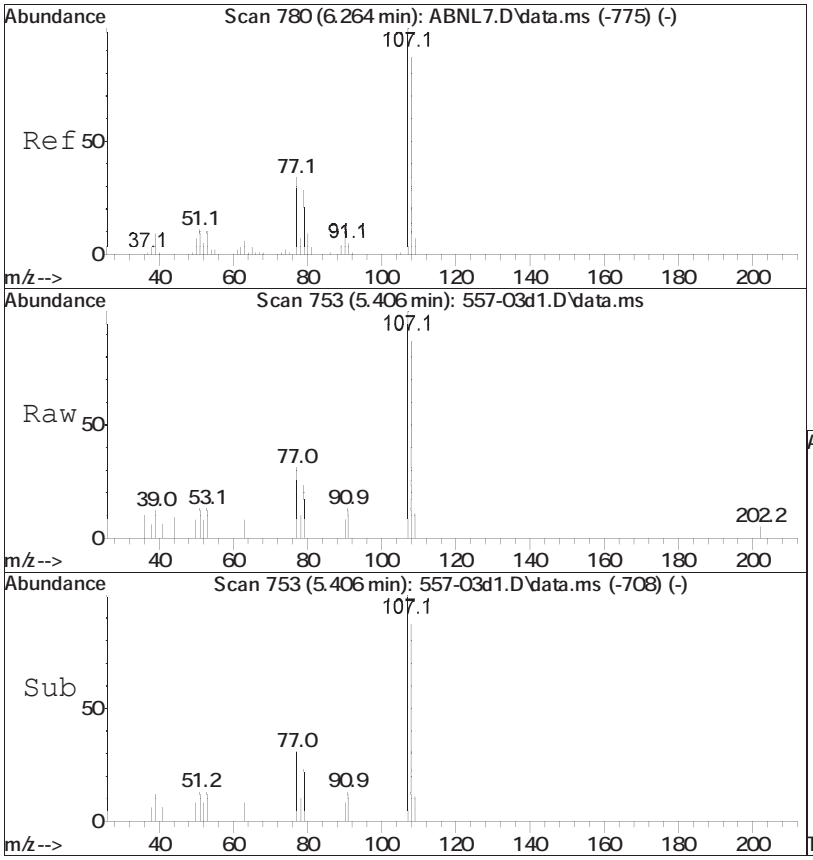


#36
Naphthalene
Concen: 4.40 ug/ml
RT: 6.193 min Scan# 887
Delta R.T. 0.000 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:128 Resp: 48593

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.5	11.3	16.9

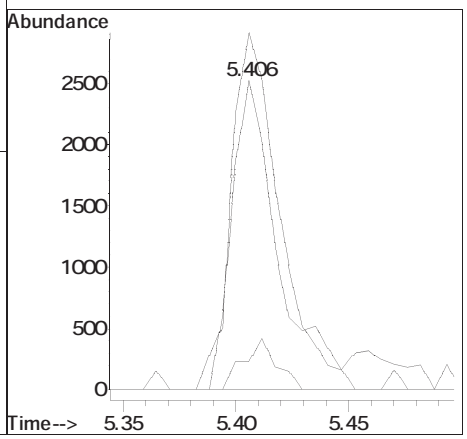


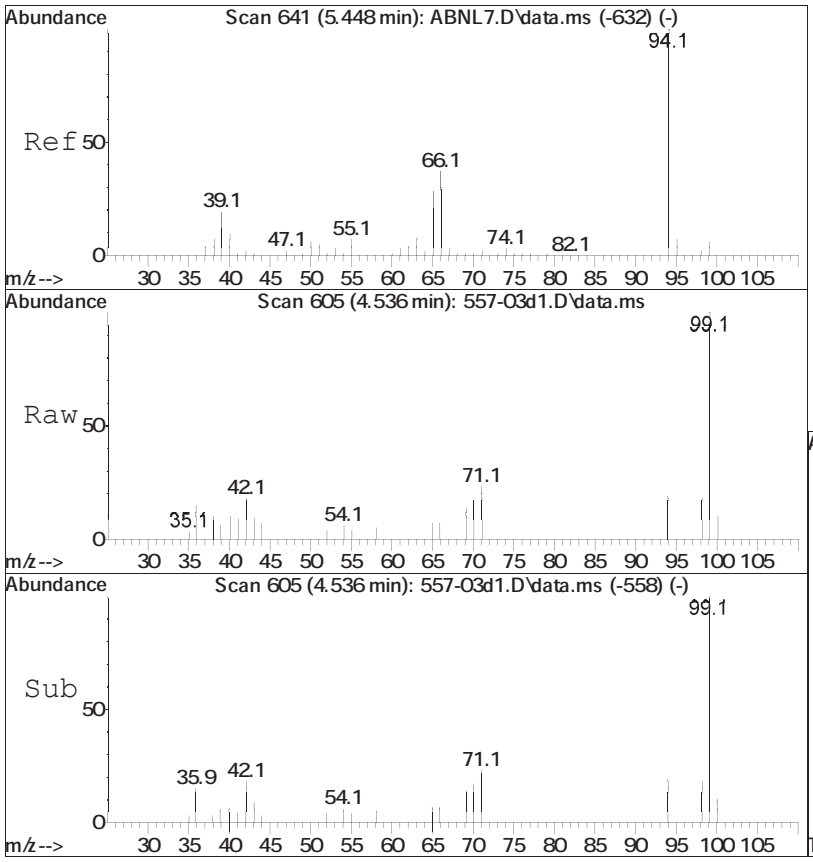


#18
3-Methylphenol/4-Methylphenol
Concen: 1.20 ug/ml
RT: 5.406 min Scan# 753
Delta R.T. 0.012 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion:108 Resp: 3611

Ion	Ratio	Lower	Upper
108	100		
107	121.1	88.2	132.2
90	0.0	8.5	12.7#

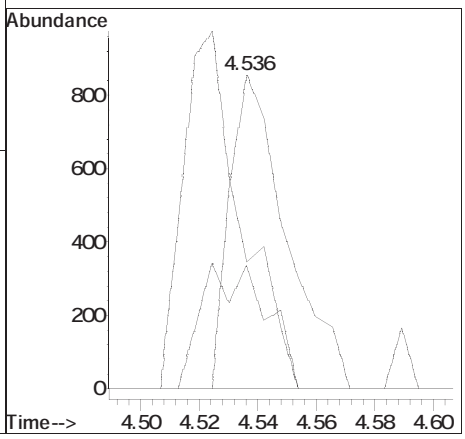




#8
Phenol
Concen: 0.28 ug/ml
RT: 4.536 min Scan# 605
Delta R.T. 0.024 min
Lab File: 557-03d1.D
Acq: 14 Jul 2025 5:40 pm

Tgt Ion: 94 Resp: 1149

Ion	Ratio	Lower	Upper
94	100		
65	45.2	38.8	58.2
66	116.2	60.3	90.5#

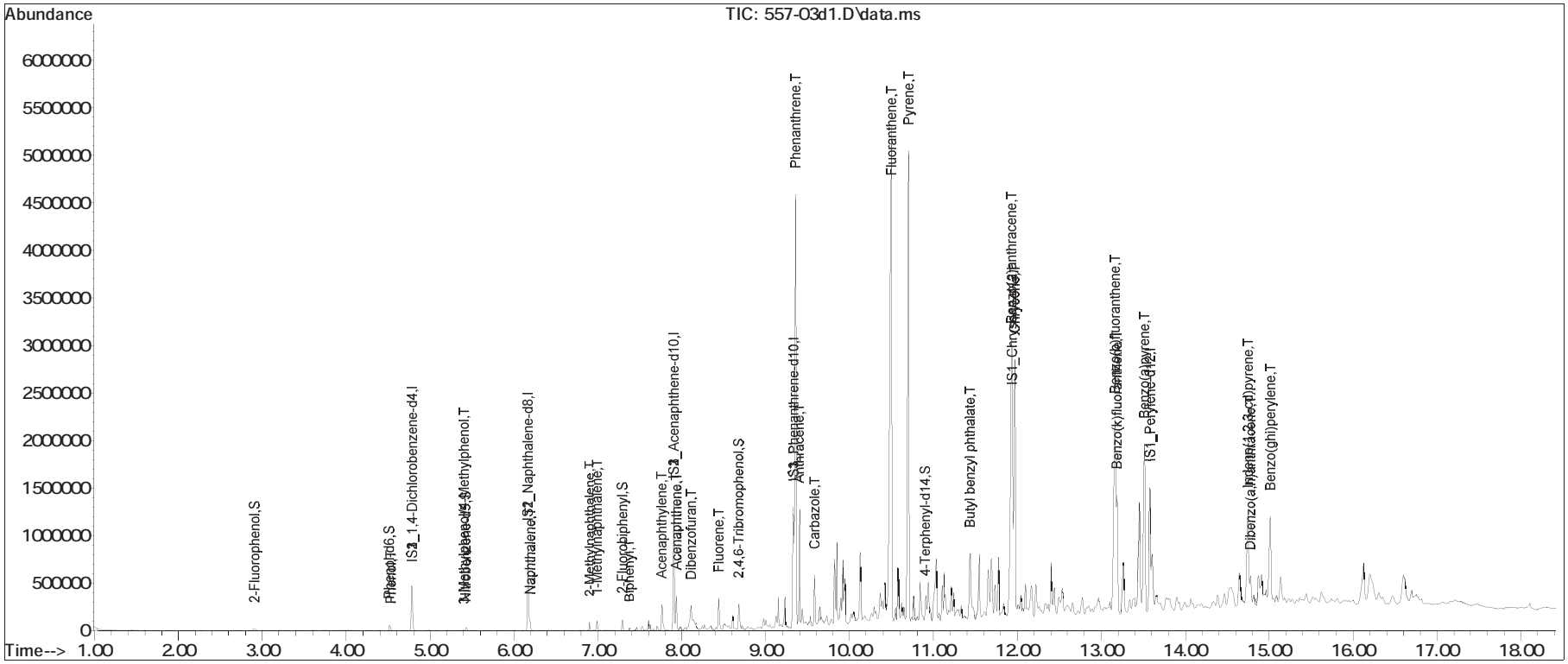


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-03d1.D
Acq On : 14 Jul 2025 5:40 pm
Operator : Mork:smz
Sample : L2542557-03d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 15:29:40 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90714.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-03d1.D
Acq On : 14 Jul 2025 5:40 pm
Operator : Mork:smz
Sample : L2542557-03d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 15:29:40 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Data Path : I:\8270\Mork\250714\
Data File : 557-03d1.D
Acq On : 14 Jul 2025 5:40 pm
Operator : Mork:smz
Sample : L2542557-03d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 15:29:40 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	7.938	154	67304	9.155	ug/ml	89
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	8.109	168	75372	6.219	ug/ml	95
68) 2,4-Dinitrotoluene	0.000		0	N.D. d		
69) 4-Nitrophenol	0.000		0	N.D. d		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	8.438	166	77342M6	7.988	ug/ml	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D. d		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D. d		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	9.354	178	1767140	119.863	ug/ml	98
90) Anthracene	9.401	178	459080M3	31.069	ug/ml	
91) Carbazole	9.583	167	208865	15.416	ug/ml	97
92) Di-n-butylphthalate	0.000		0	N.D. d		
93) Fluoranthene	10.500	202	2273593	123.517	ug/ml	97
95) Pyrene	10.706	202	1915650	99.723	ug/ml	95
97) Butyl benzyl phthalate	11.434	149	198625	31.186	ug/ml	91
105) Benzo(a)anthracene	11.928	228	1205290M3	64.551	ug/ml	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D. d		
107) Chrysene	11.969	228	986031	56.801	ug/ml	95
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d		
109) Di-n-octylphthalate	0.000		0	N.D. d		
110) Benzo(b)fluoranthene	13.162	252	1194997M6	62.243	ug/ml	
111) Benzo(k)fluoranthene	13.185	252	419291M3	23.152	ug/ml	
112) Benzo(a)pyrene	13.514	252	844009	48.548	ug/ml	99
114) Indeno(1,2,3-cd)pyrene	14.748	276	512985M6	27.886	ug/mL	
115) Dibenzo(a,h)anthracene	14.777	278	132819	7.622	ug/ml	94
116) Benzo(ghi)perylene	15.012	276	469229M4	27.782	ug/ml	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270\Mork\250714\
Data File : 557-03d1.D
Acq On : 14 Jul 2025 5:40 pm
Operator : Mork:smz
Sample : L2542557-03d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 15:29:40 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	10.900	244	56150	3.763	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 15.05%#

Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	4.536	94	1149	0.282	ug/ml#	69
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.	d	
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	5.406	108	3611	1.196	ug/ml#	88
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.	d	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.		
33) 1,4-Dioxane	0.000		0	N.D.		
36) Naphthalene	6.193	128	48593	4.396	ug/ml	99
38) 4-Chloroaniline	0.000		0	N.D.		
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	6.904	142	24096M6	3.183	ug/ml	
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.	d	
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
52) Acenaphthylene	7.762	152	133630	10.632	ug/ml	98
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	7.374	154	10080	1.028	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-03d1.D
Acq On : 14 Jul 2025 5:40 pm
Operator : Mork:smz
Sample : L2542557-03d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 15:29:40 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

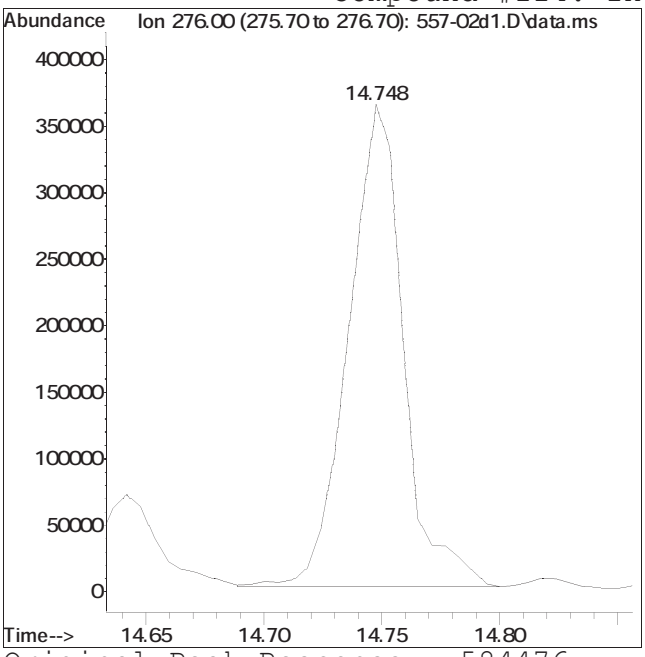
CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.783	152	102033	40.000	ug/ml		0.00
Standard Area 1 = 95271			Recovery = 107.10%				
27) IS2_1,4-Dichlorobenzen...	4.783	152	102033	40.000	ug/ml		0.00
Standard Area 3 = 113193			Recovery = 90.14%				
32) IS3_1,4-Dichlorobenzen...	4.783	152	102033	40.000	ug/ml		0.00
Standard Area 2 = 101029			Recovery = 100.99%				
35) IS1_Naphthalene-d8	6.170	136	415387	40.000	ug/ml	#	0.00
Standard Area 1 = 345845			Recovery = 120.11%				
55) IS2_Naphthalene-d8	6.170	136	415387	40.000	ug/ml	#	0.00
Standard Area 3 = 424291			Recovery = 97.90%				
63) IS1_Acenaphthene-d10	7.909	164	264379	40.000	ug/ml		0.00
Standard Area 1 = 194726			Recovery = 135.77%				
83) IS2_Acenaphthene-d10	7.909	164	264379	40.000	ug/ml		0.00
Standard Area 3 = 235391			Recovery = 112.31%				
86) IS3_Acenaphthene-d10	7.909	164	264379	40.000	ug/ml		0.00
Standard Area 2 = 211962			Recovery = 124.73%				
88) IS1_Phenanthrene-d10	9.331	188	533338	40.000	ug/ml		0.00
Standard Area 1 = 395061			Recovery = 135.00%				
100) IS3_Phenanthrene-d10	9.331	188	533338	40.000	ug/ml		0.01
Standard Area 2 = 426322			Recovery = 125.10%				
104) IS1_Chrysene-d12	11.939	240	555750	40.000	ug/ml	#	0.01
Standard Area 1 = 480100			Recovery = 115.76%				
113) IS1_Perylene-d12	13.579	264	601735	40.000	ug/ml		0.02
Standard Area 1 = 595184			Recovery = 101.10%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.909	112	20260	7.464	ug/ml		0.04
Spiked Amount 50.000	Range 15 - 110		Recovery = 14.93%#				
7) Phenol-d6	4.519	99	25987	7.338	ug/ml		0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 14.68%#				
19) Nitrobenzene-d5	5.429	82	11722	3.715	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 14.86%#				
46) 2-Fluorobiphenyl	7.292	172	36439	3.700	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 14.80%#				
79) 2,4,6-Tribromophenol	8.679	330	13926	7.348	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 14.70%#				

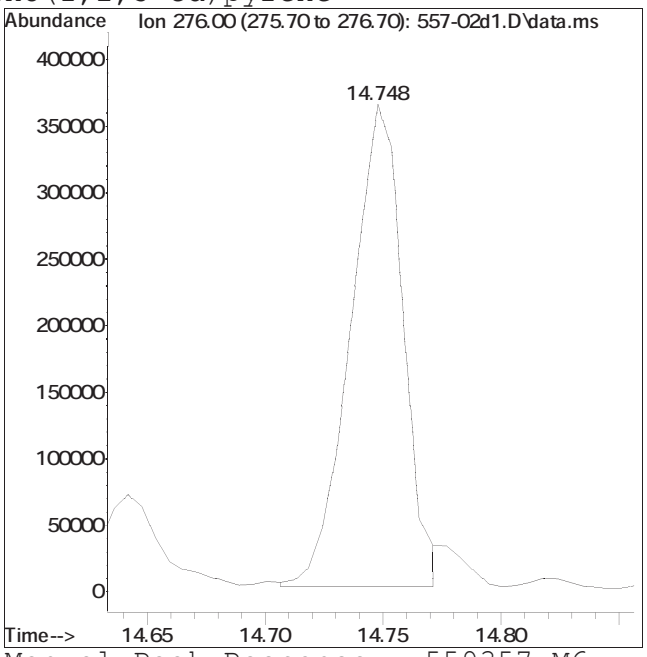
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 584476



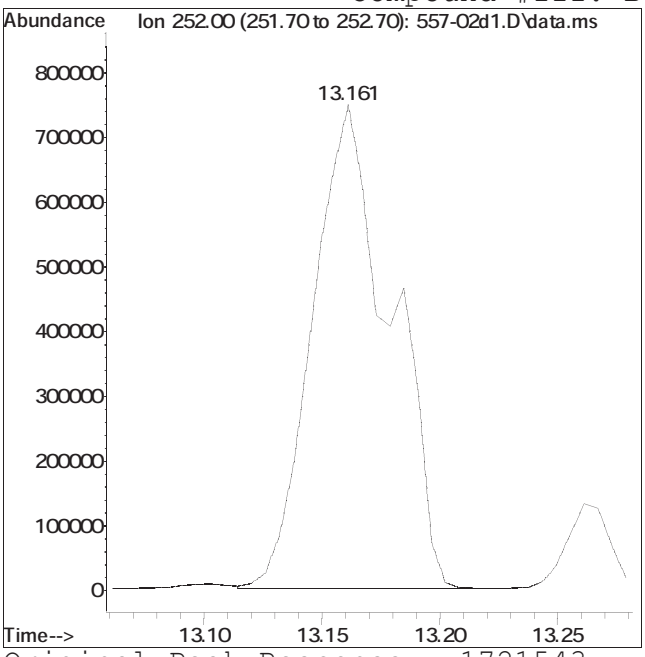
Manual Peak Response = 559357 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

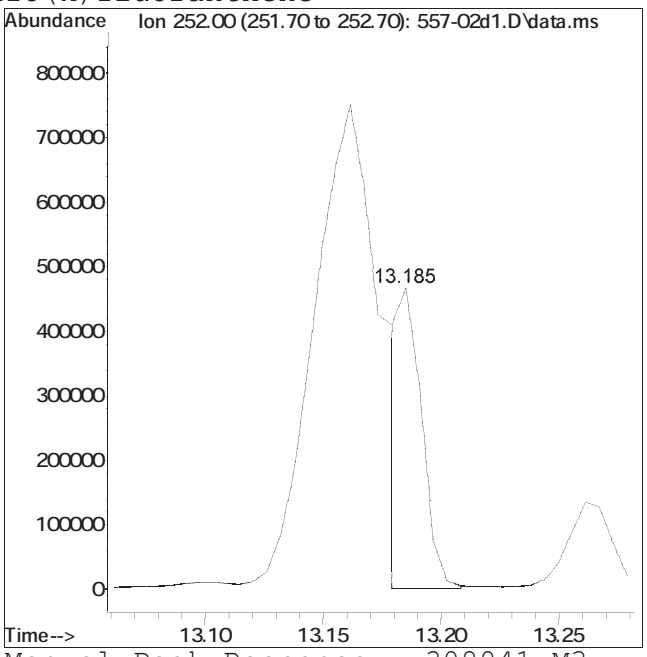
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #111: Benzo(k)fluoranthene



Original Peak Response = 1721543



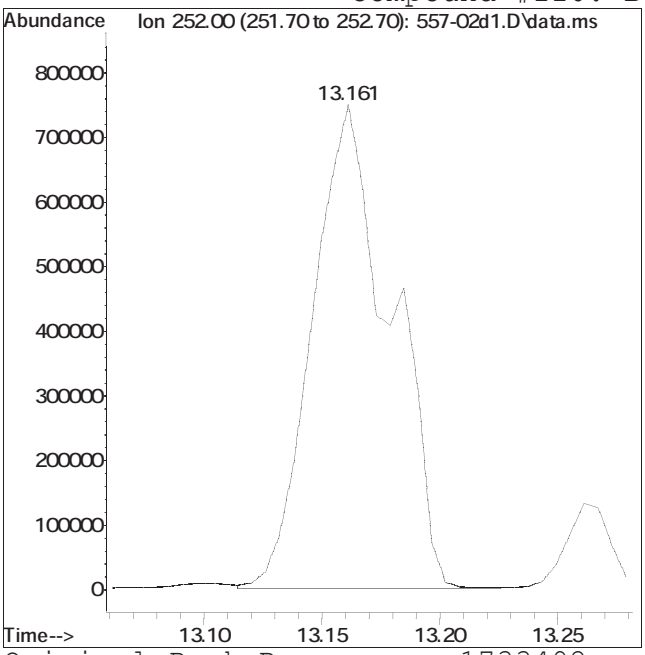
Manual Peak Response = 308041 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

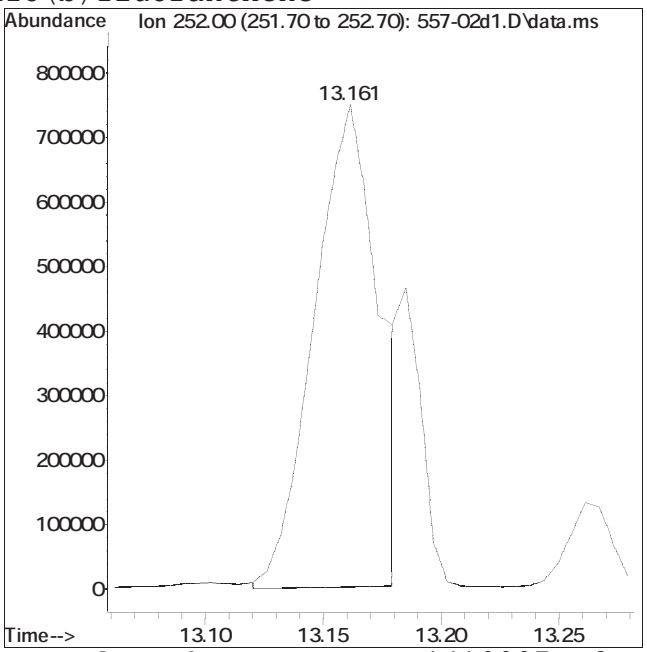
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #110: Benzo(b)fluoranthene



Original Peak Response = 1733492



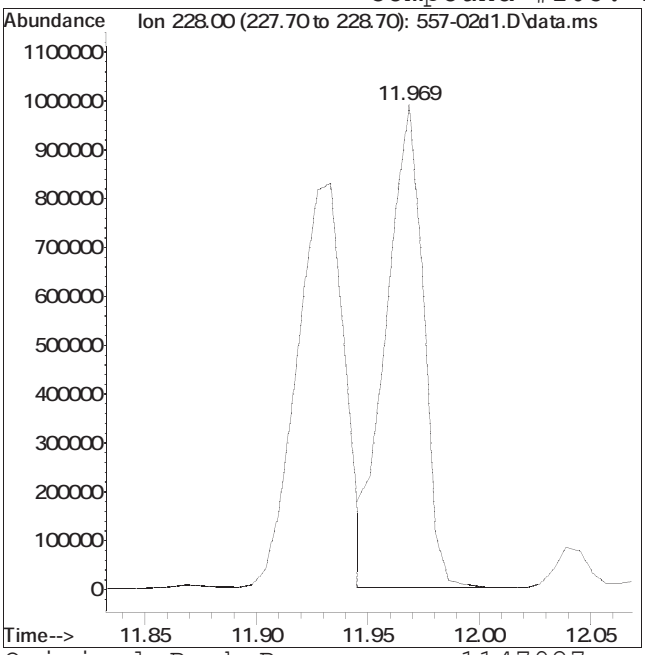
Manual Peak Response = 1419907 M6

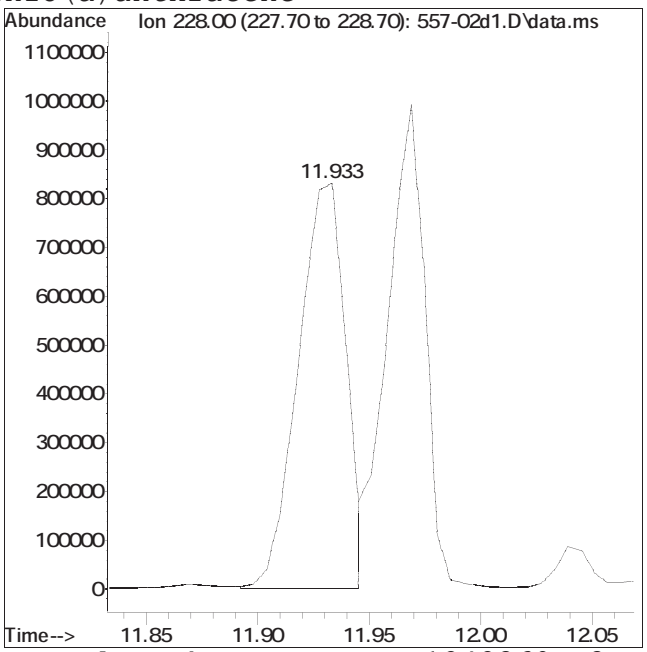
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #105: Benzo(a)anthracene





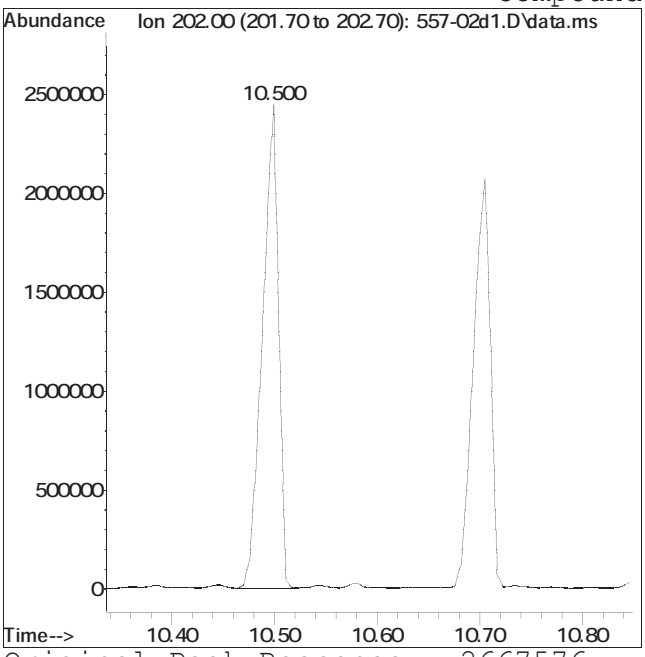
Original Peak Response = 1147927 Manual Peak Response = 1242369 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

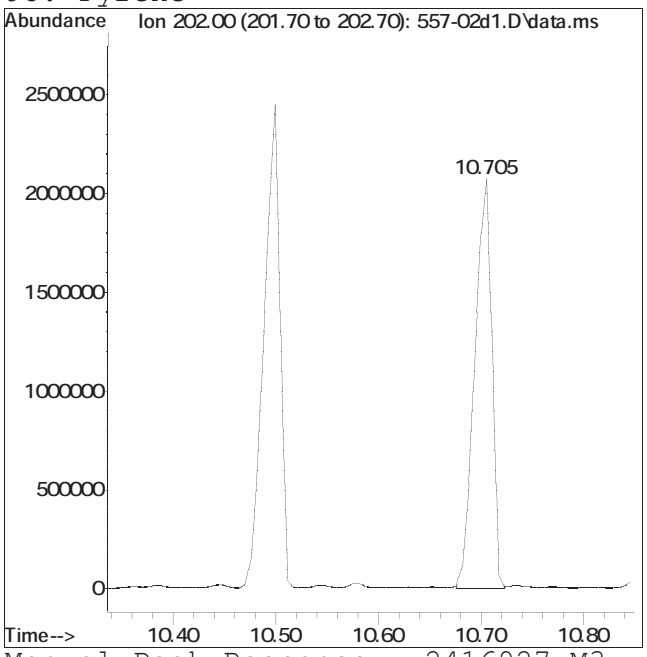
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #95: Pyrene



Original Peak Response = 2667576



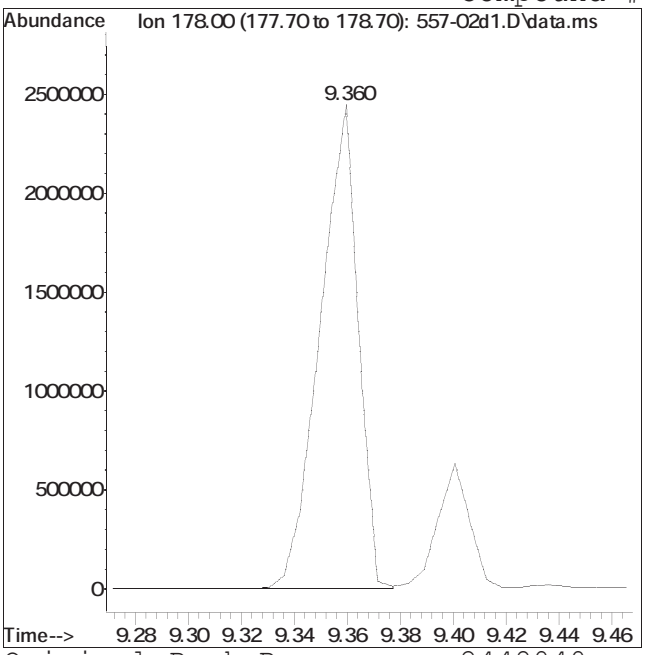
Manual Peak Response = 2416927 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

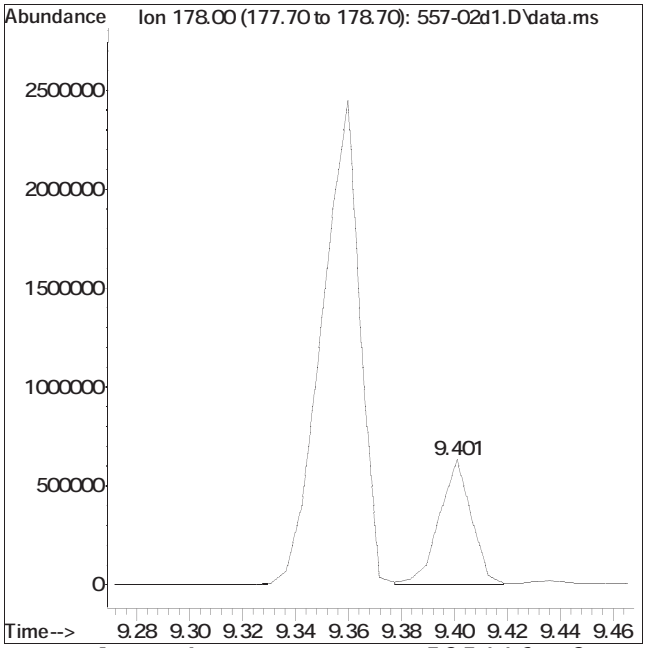
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #90: Anthracene



Original Peak Response = 2448040



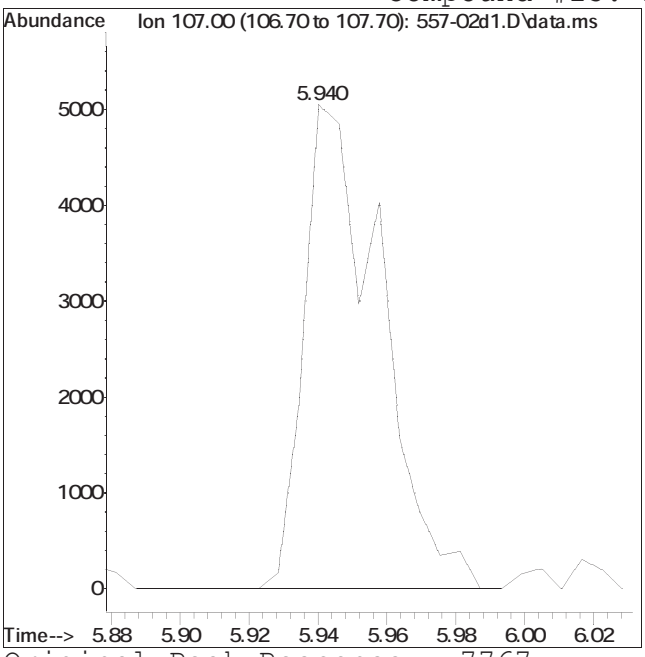
Manual Peak Response = 535446 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

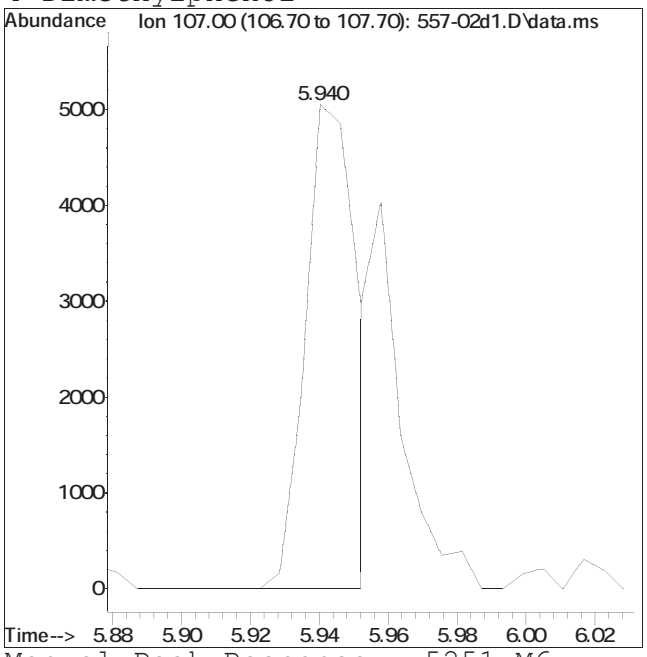
Manual Integration Report

Data Path : I:\8270\Mork\250714\ QMethod : FS241110Mork.m
Data File : 557-02d1.D Operator : Mork:smz
Date Inj'd : 7/14/2025 5:17 pm Instrument : Mork
Sample : L2542557-02d,32,5,R3F,HNY Quant Date : 7/14/2025 5:35 pm

Compound #23: 2,4-Dimethylphenol

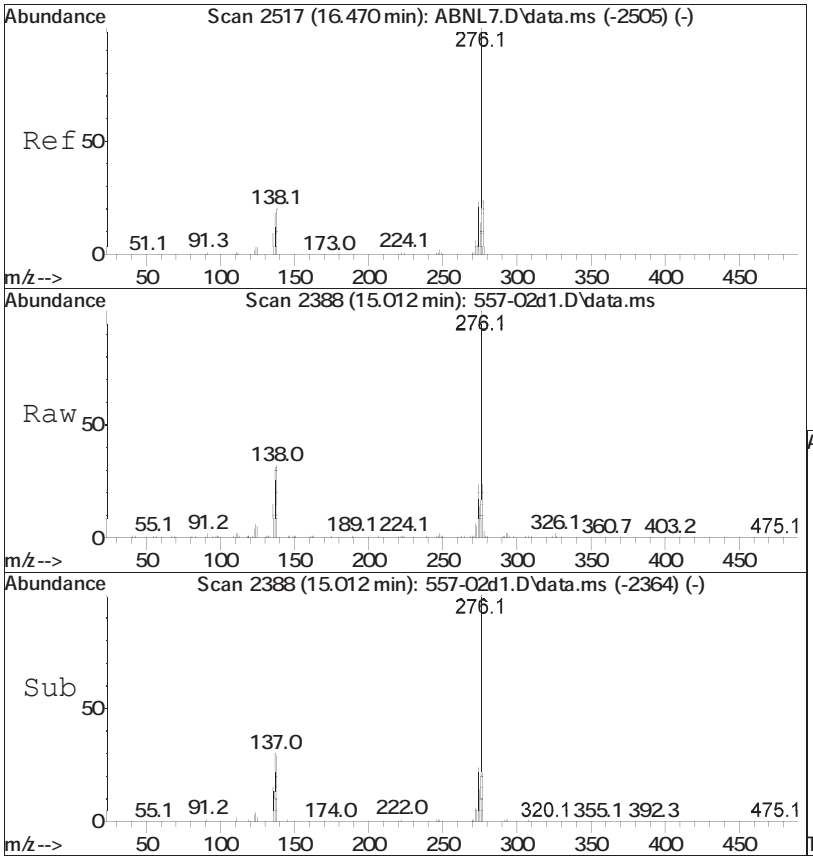


Original Peak Response = 7767



Manual Peak Response = 5251 M6

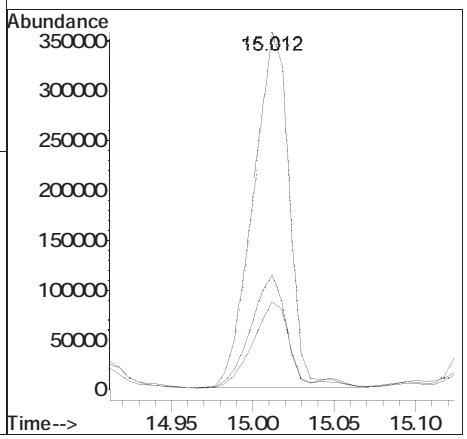
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

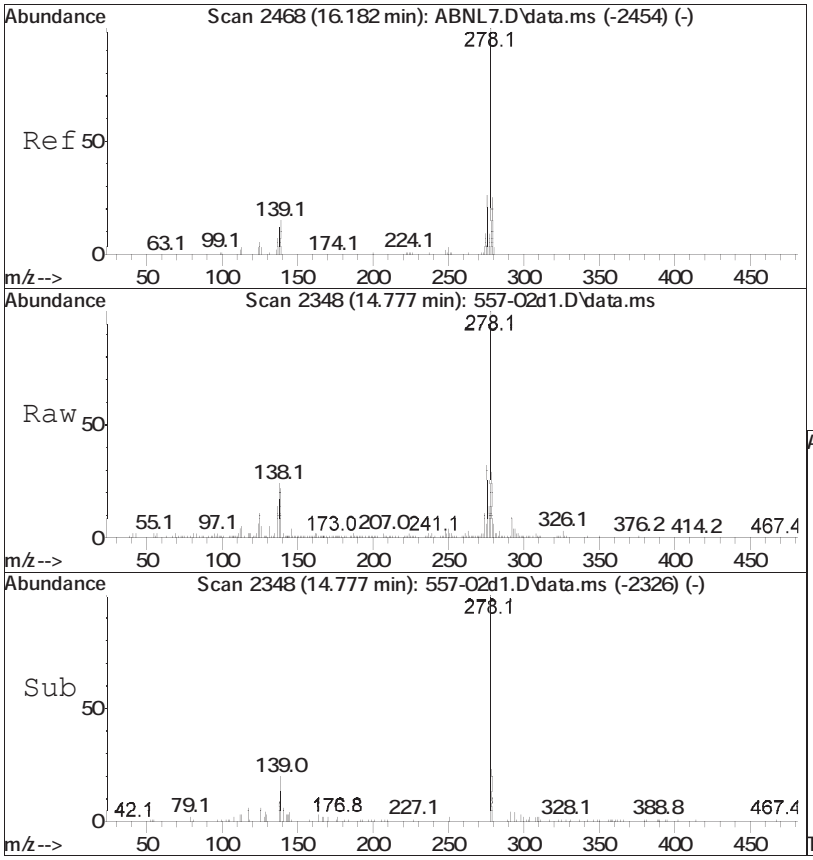


#116
Benzo(ghi)perylene
Concen: 33.55 ug/ml
RT: 15.012 min Scan# 2388
Delta R.T. 0.018 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:276 Resp: 546007

Ion	Ratio	Lower	Upper
276	100		
138	32.1	26.1	39.1
277	24.2	19.4	29.0

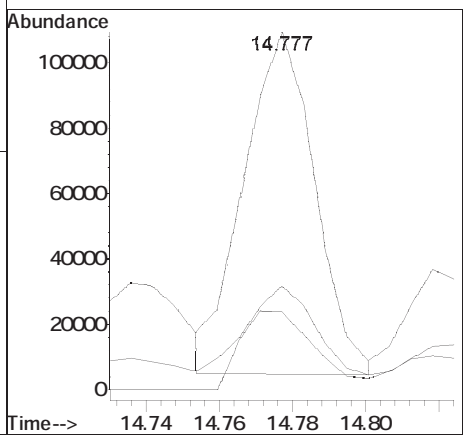


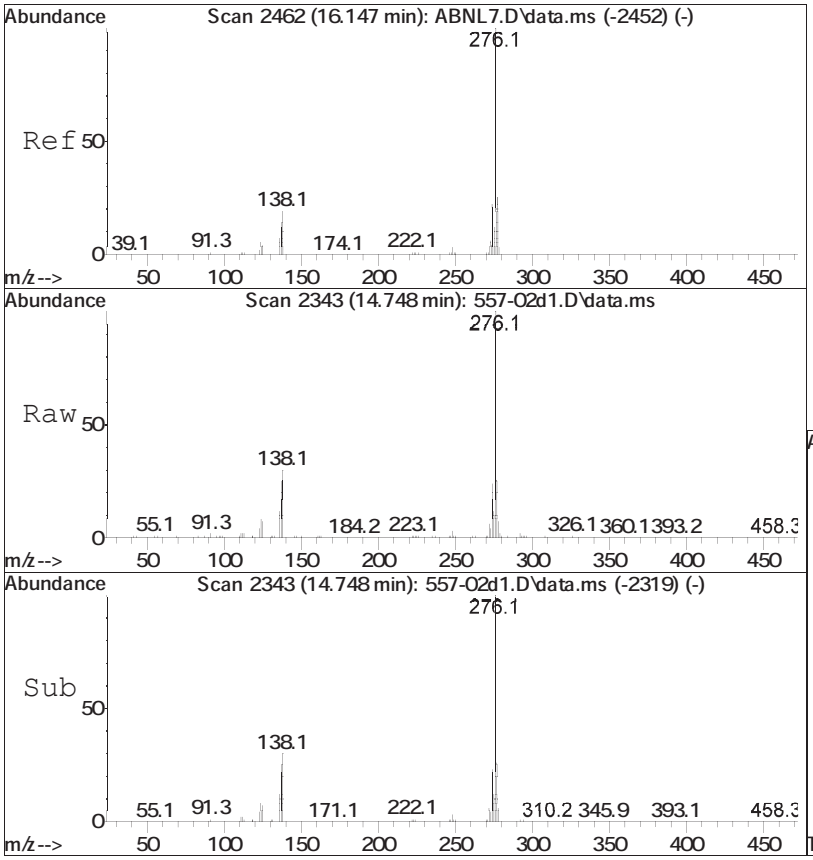


#115
Dibenzo(a,h)anthracene
Concen: 8.35 ug/ml
RT: 14.777 min Scan# 2348
Delta R.T. 0.006 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:278 Resp: 140173

Ion	Ratio	Lower	Upper
278	100		
139	24.5	18.2	27.4
279	24.5	19.3	28.9

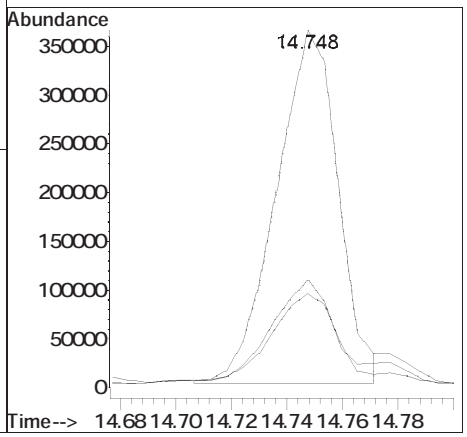


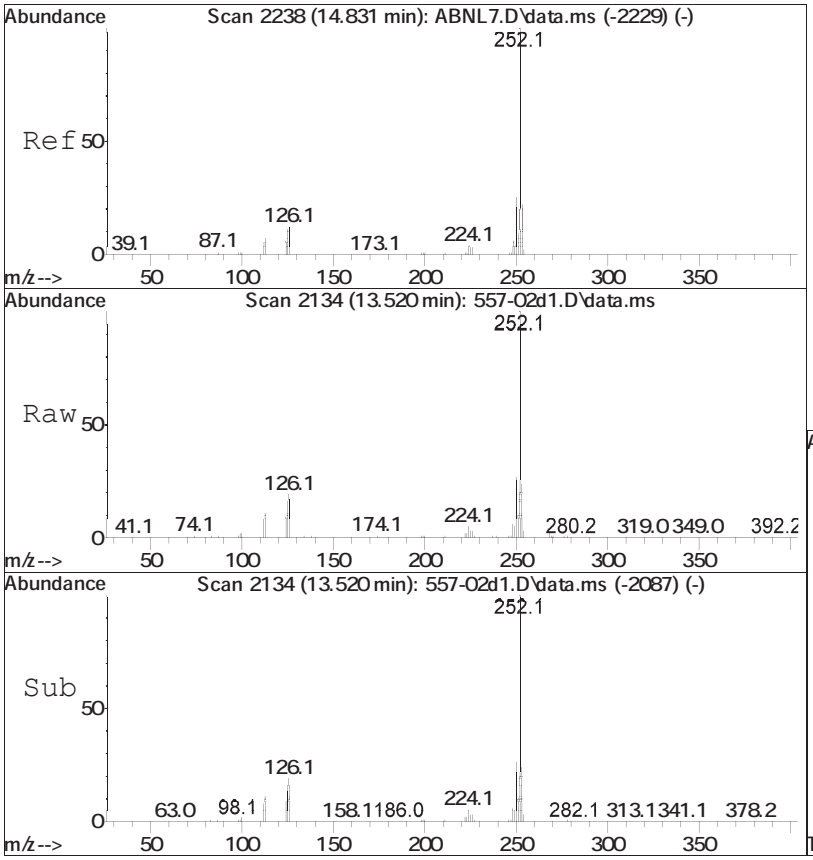


#114
Indeno(1,2,3-cd)pyrene
Concen: 31.56 ug/mL M6
RT: 14.748 min Scan# 2343
Delta R.T. 0.018 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:276 Resp: 559357

Ion	Ratio	Lower	Upper
276	100		
138	34.0	26.7	40.1
277	29.7	20.4	30.6

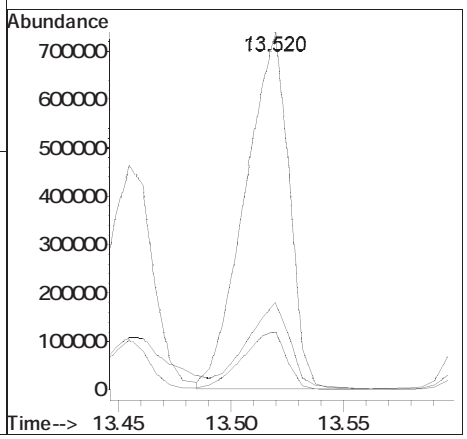


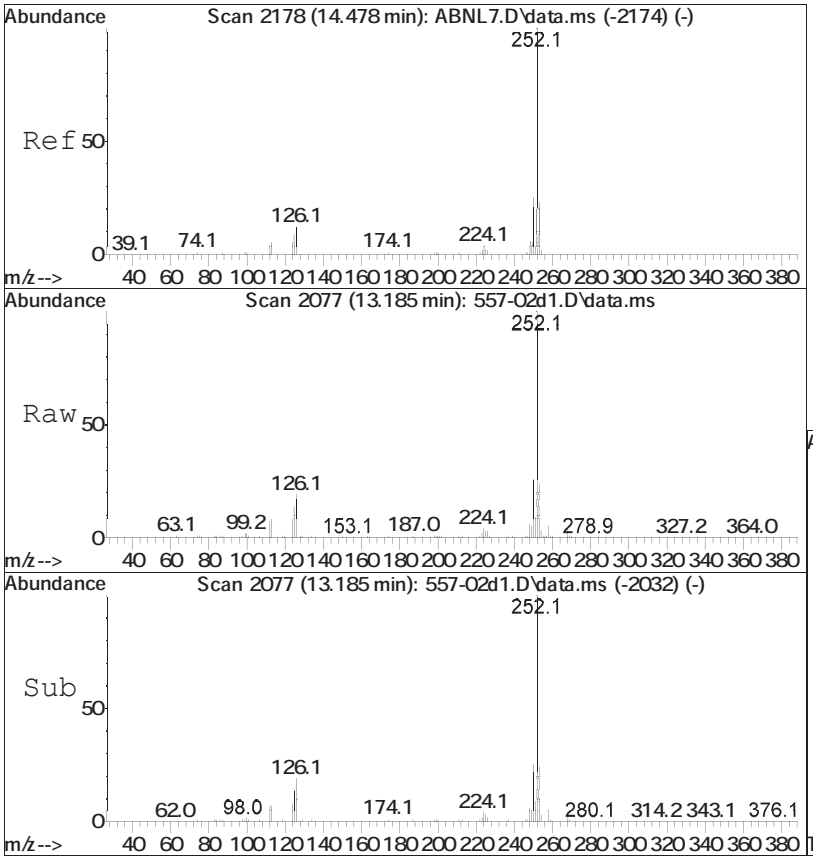


#112
Benzo(a)pyrene
Concen: 59.14 ug/ml
RT: 13.520 min Scan# 2134
Delta R.T. 0.023 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:252 Resp: 994848

Ion	Ratio	Lower	Upper
252	100		
125	16.5	13.3	19.9
253	23.9	18.2	27.4

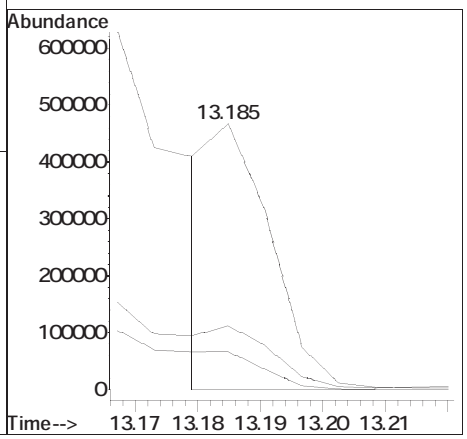


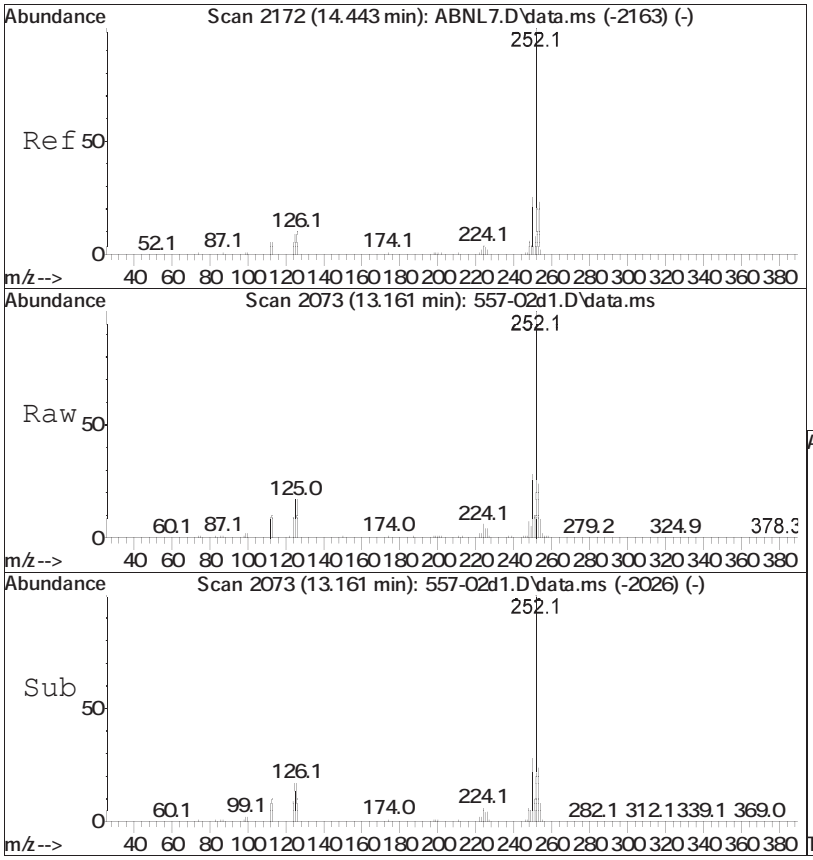


#111
Benzo(k)fluoranthene
Concen: 17.58 ug/ml M3
RT: 13.185 min Scan# 2077
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:252 Resp: 308041

Ion	Ratio	Lower	Upper
252	100		
125	91.2	12.1	18.1#
253	131.9	18.1	27.1#

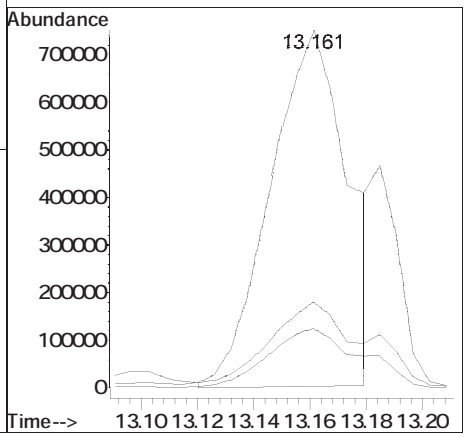


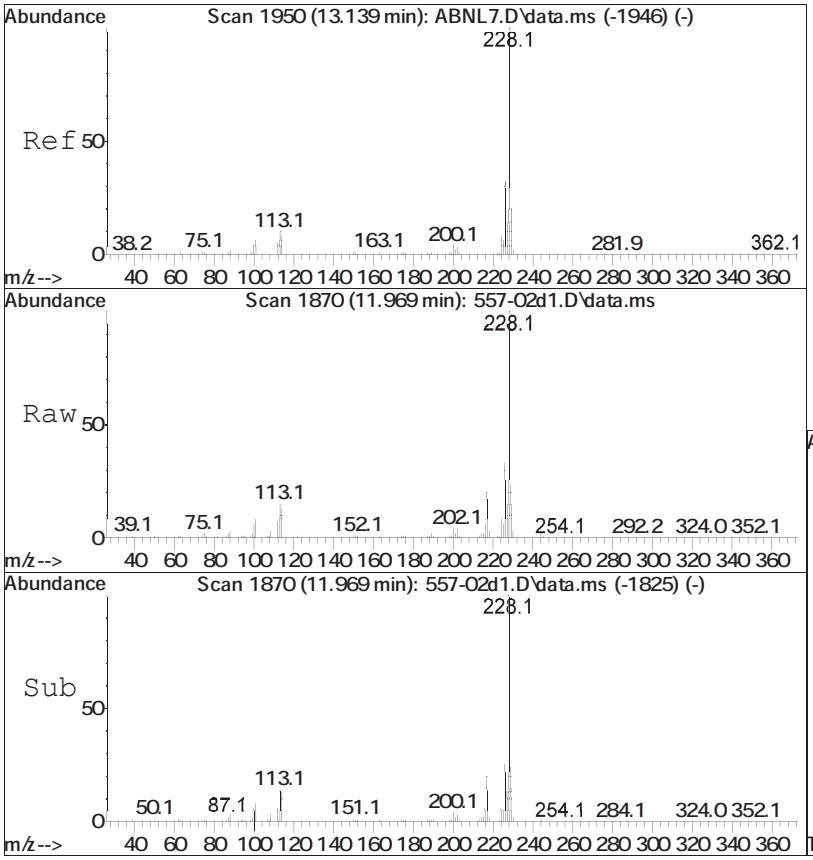


#110
Benzo(b)fluoranthene
Concen: 76.43 ug/ml M6
RT: 13.161 min Scan# 2073
Delta R.T. 0.023 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:252 Resp: 1419907

Ion	Ratio	Lower	Upper
252	100		
125	19.6	12.6	18.8#
253	29.1	18.2	27.2#

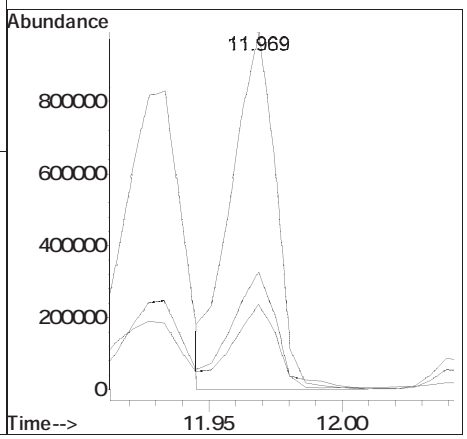


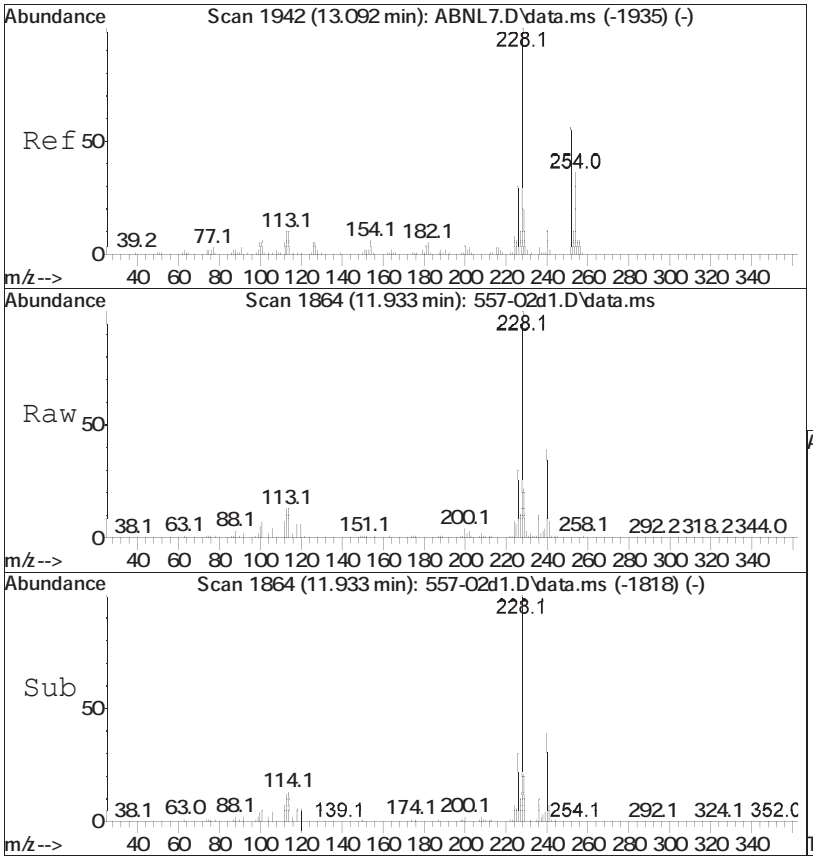


#107
Chrysene
Concen: 68.74 ug/ml
RT: 11.969 min Scan# 1870
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:228 Resp: 1154663

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	25.3	16.6	24.8#

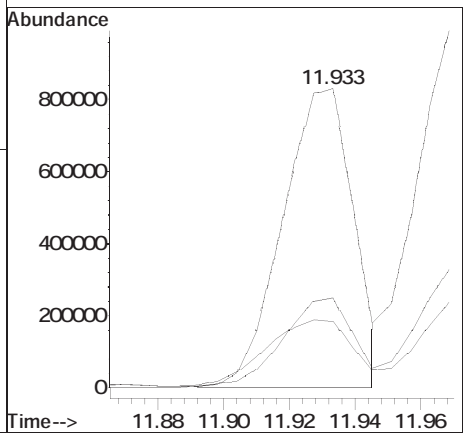


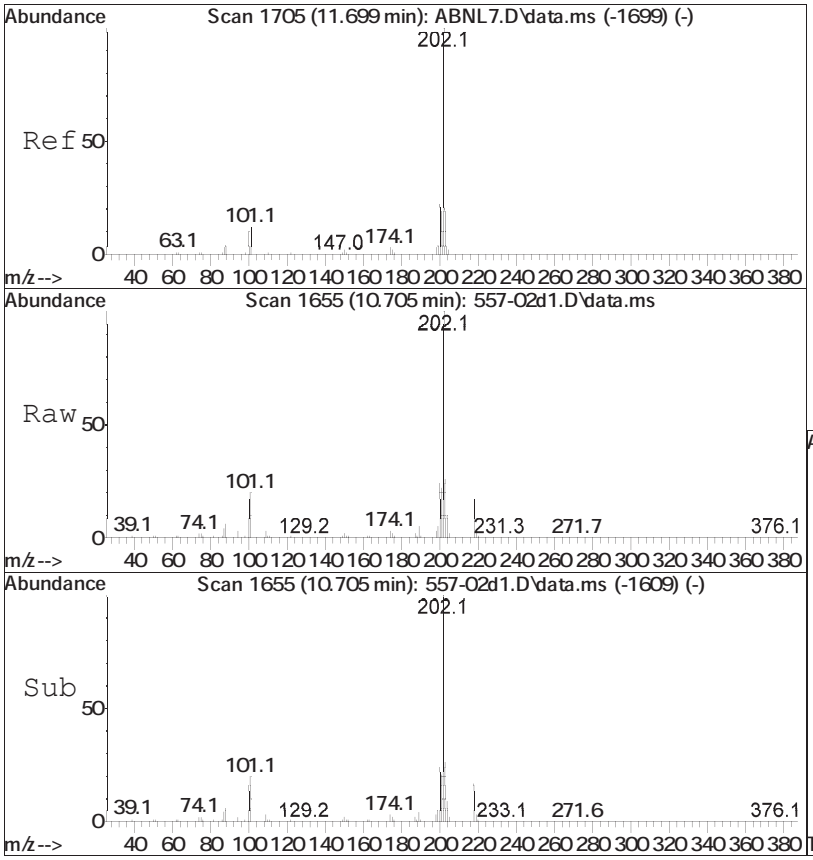


#105
Benzo(a)anthracene
Concen: 68.76 ug/ml M3
RT: 11.933 min Scan# 1864
Delta R.T. 0.018 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:228 Resp: 1242369

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.9	34.3
229	22.0	16.1	24.1

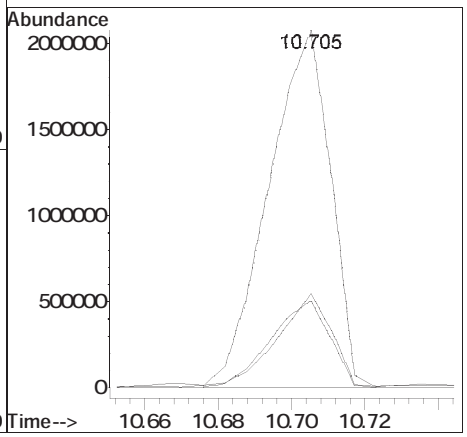


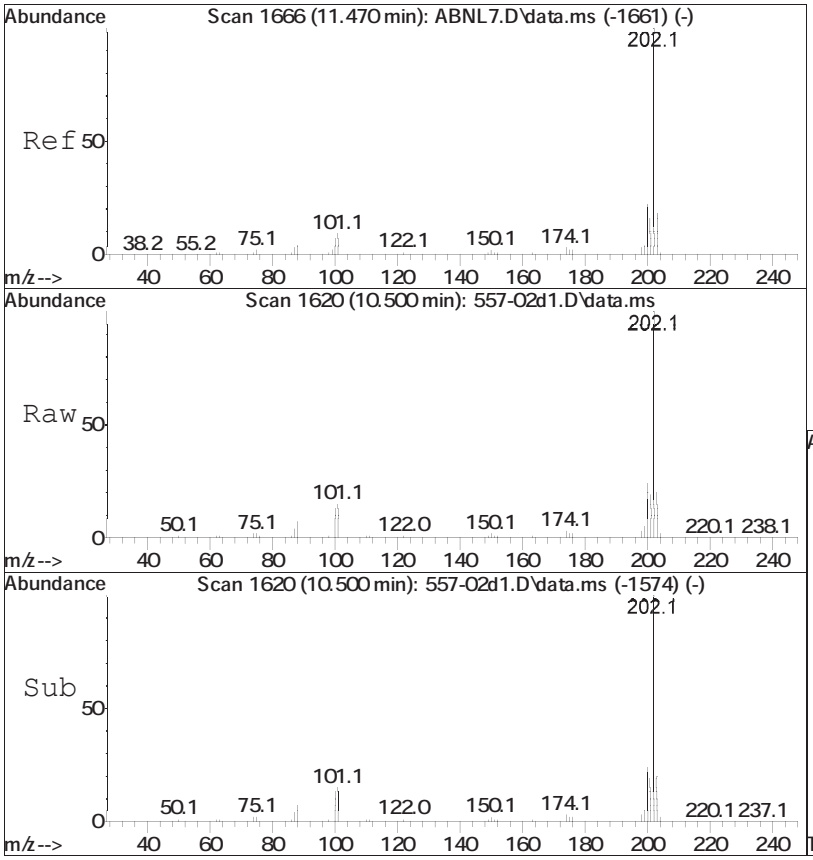


#95
Pyrene
Concen: 127.21 ug/ml M3
RT: 10.705 min Scan# 1655
Delta R.T. 0.018 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:202 Resp: 2416927

Ion	Ratio	Lower	Upper
202	100		
200	25.4	17.2	25.8
203	21.3	15.0	22.6

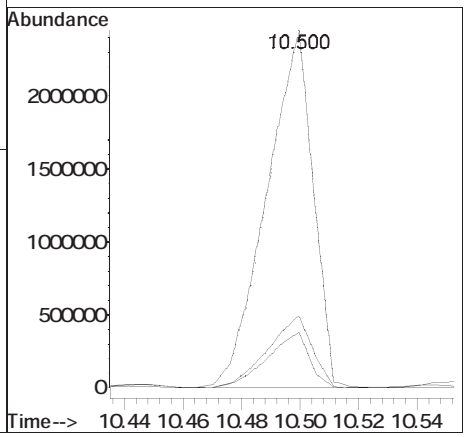


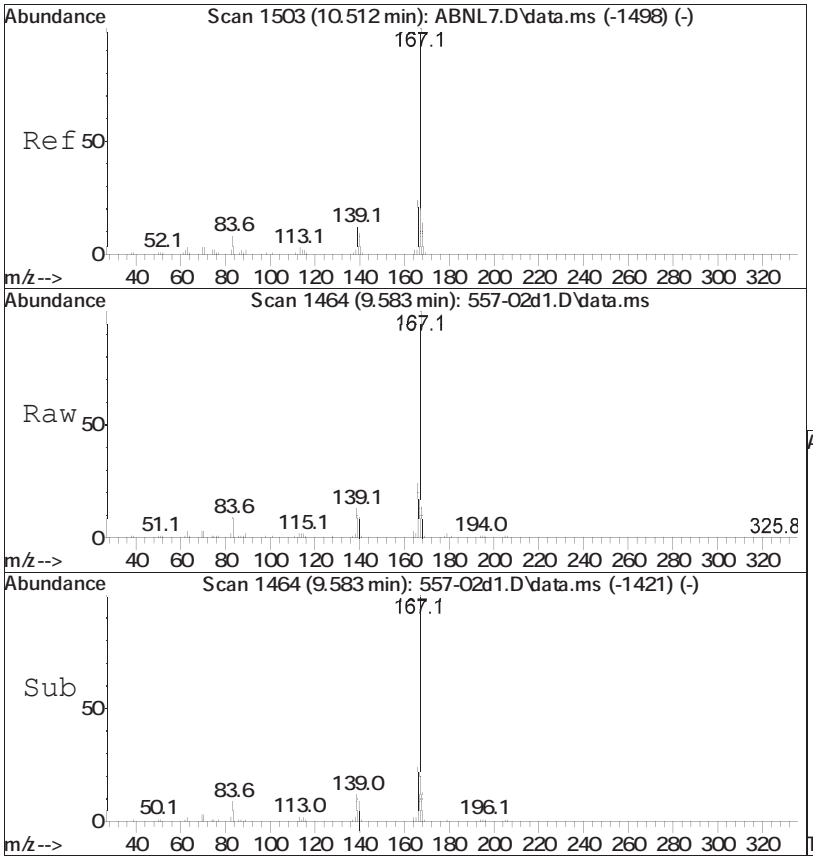


#93
Fluoranthene
Concen: 146.52 ug/ml
RT: 10.500 min Scan# 1620
Delta R.T. 0.018 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:202 Resp: 2667512

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	19.0
203	19.3	14.4	21.6

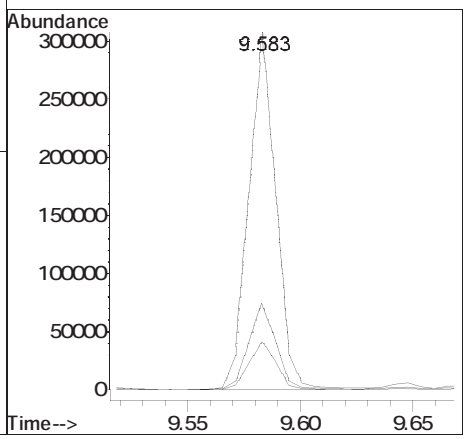


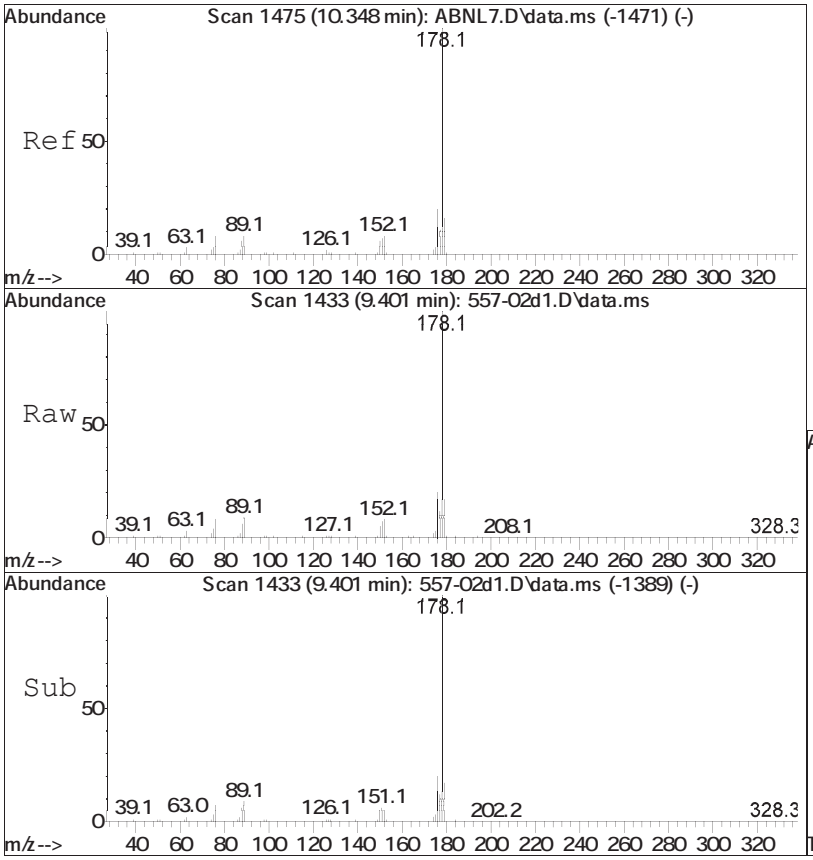


#91
Carbazole
Concen: 18.94 ug/ml
RT: 9.583 min Scan# 1464
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:167 Resp: 253763

Ion	Ratio	Lower	Upper
167	100		
168	13.8	11.3	16.9
166	24.4	17.8	26.8

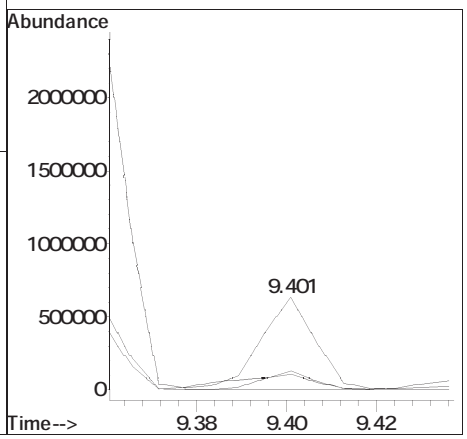


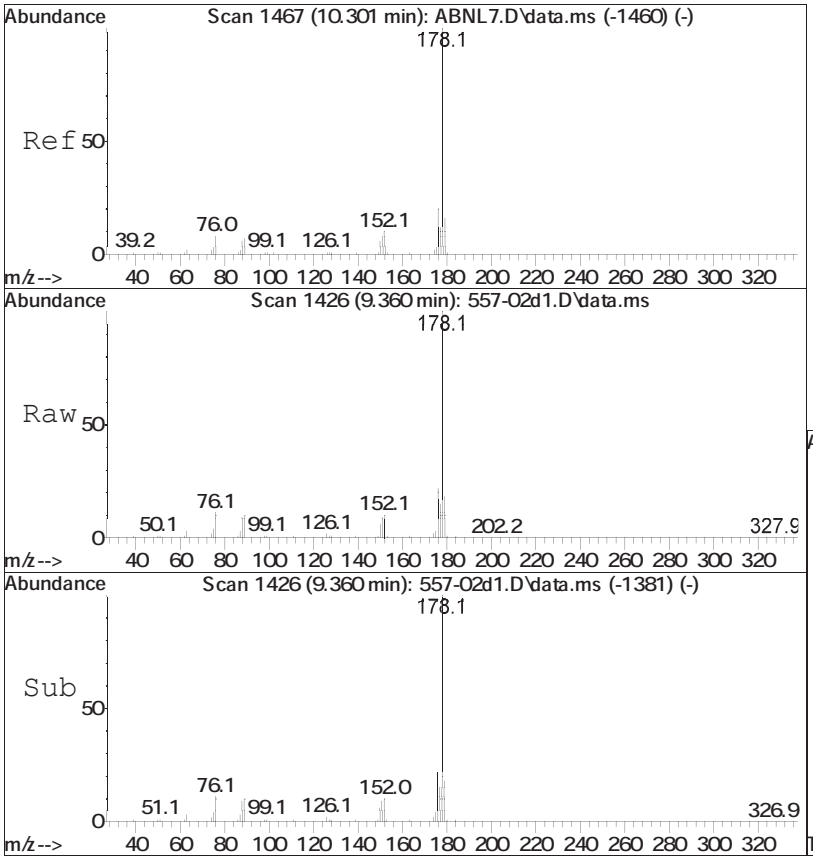


#90
Anthracene
Concen: 36.64 ug/ml M3
RT: 9.401 min Scan# 1433
Delta R.T. 0.006 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:178 Resp: 535446

Ion	Ratio	Lower	Upper
178	100		
179	77.9	12.5	18.7#
176	98.2	15.4	23.0#

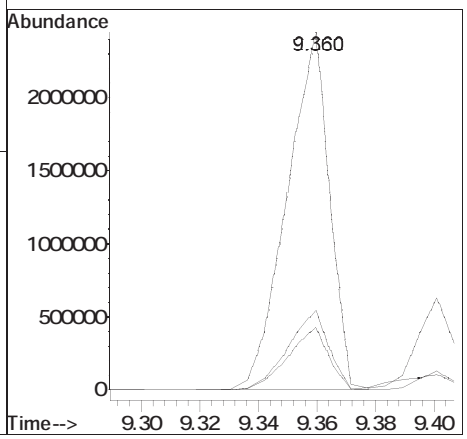


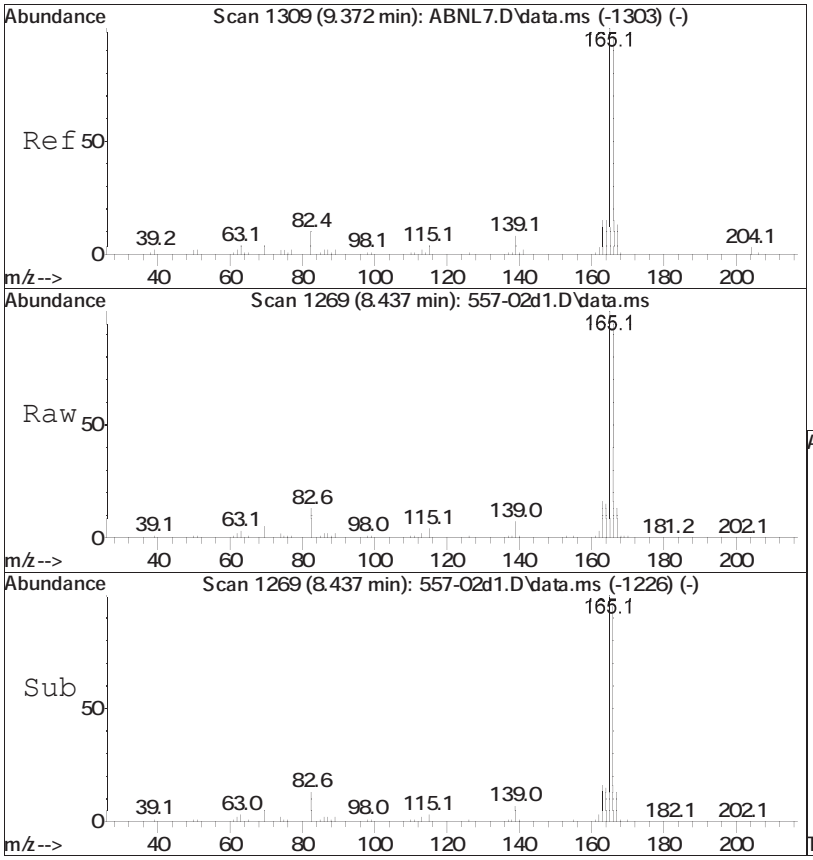


#89
Phenanthrene
Concen: 167.88 ug/ml
RT: 9.360 min Scan# 1426
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:178 Resp: 2448040

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	21.5	15.8	23.6

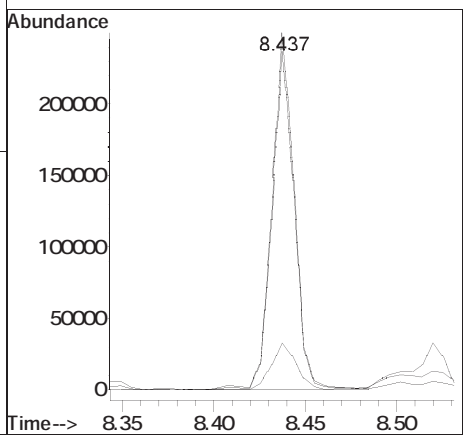


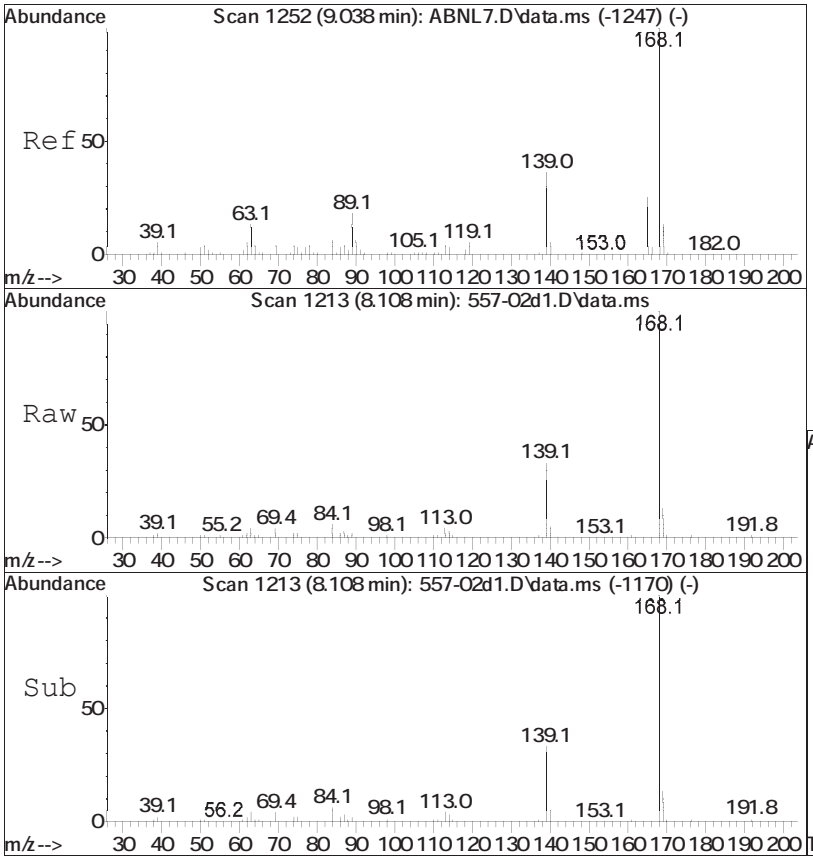


#73
Fluorene
Concen: 21.63 ug/ml
RT: 8.437 min Scan# 1269
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:166 Resp: 199681

Ion	Ratio	Lower	Upper
166	100		
165	105.9	77.2	115.8
167	16.0	10.9	16.3

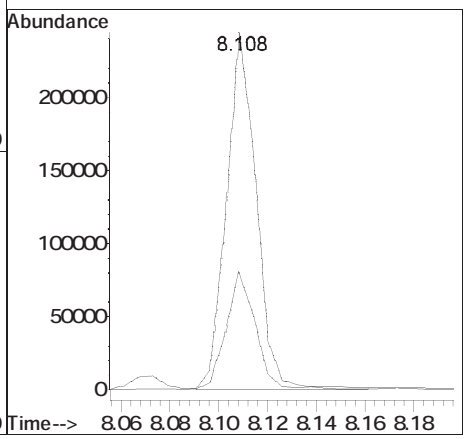


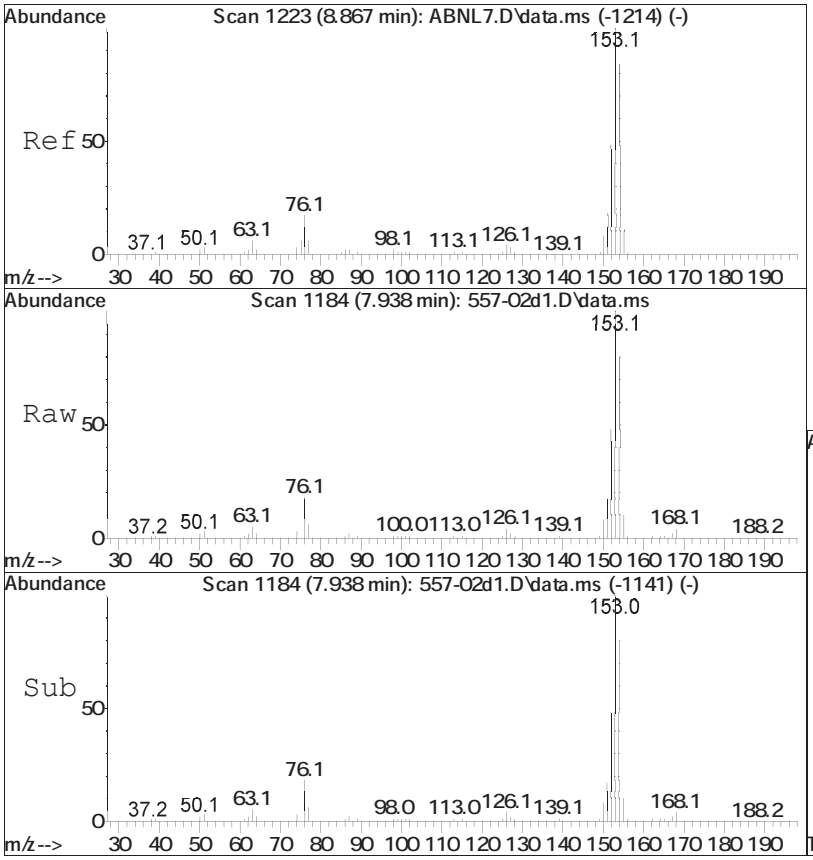


#67
Dibenzofuran
Concen: 17.67 ug/ml
RT: 8.108 min Scan# 1213
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:168 Resp: 204151

Ion	Ratio	Lower	Upper
168	100		
139	32.5	28.0	42.0

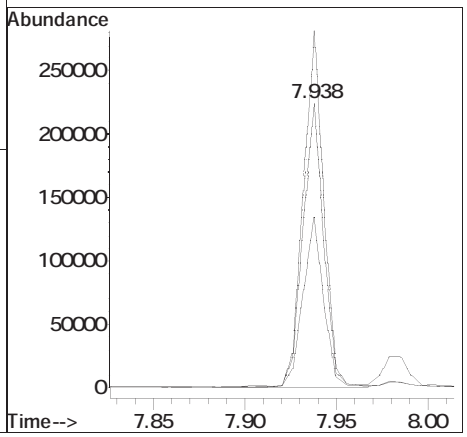


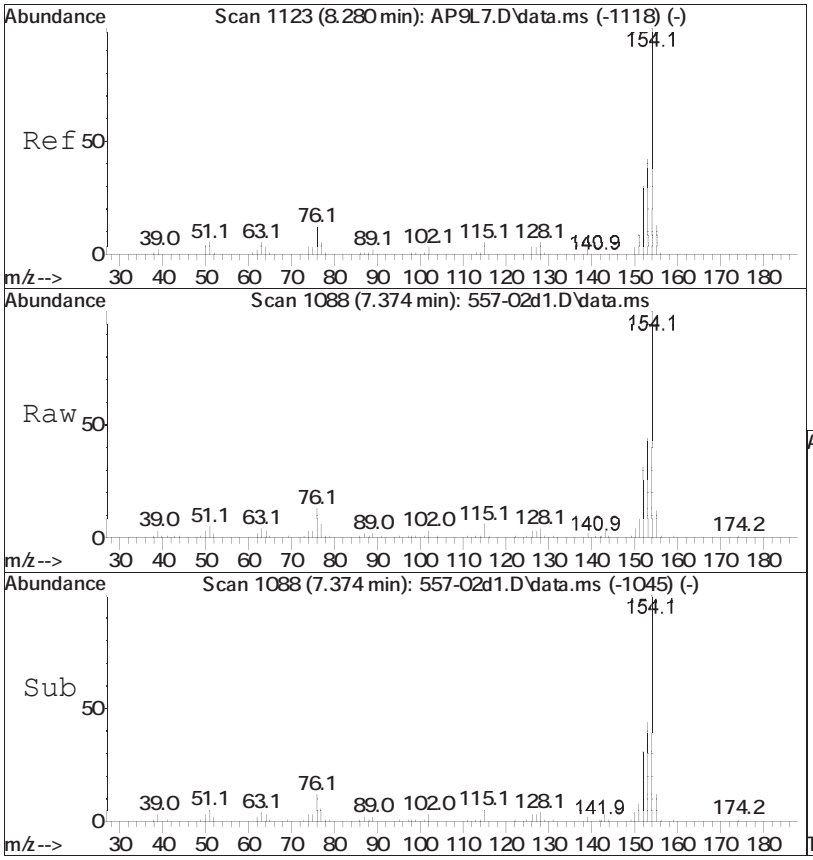


#65
Acenaphthene
Concen: 25.32 ug/ml
RT: 7.938 min Scan# 1184
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:154 Resp: 177489

Ion	Ratio	Lower	Upper
154	100		
153	122.0	89.4	134.0
152	59.1	42.2	63.2

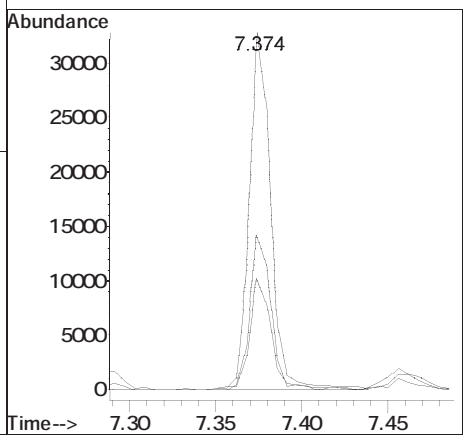


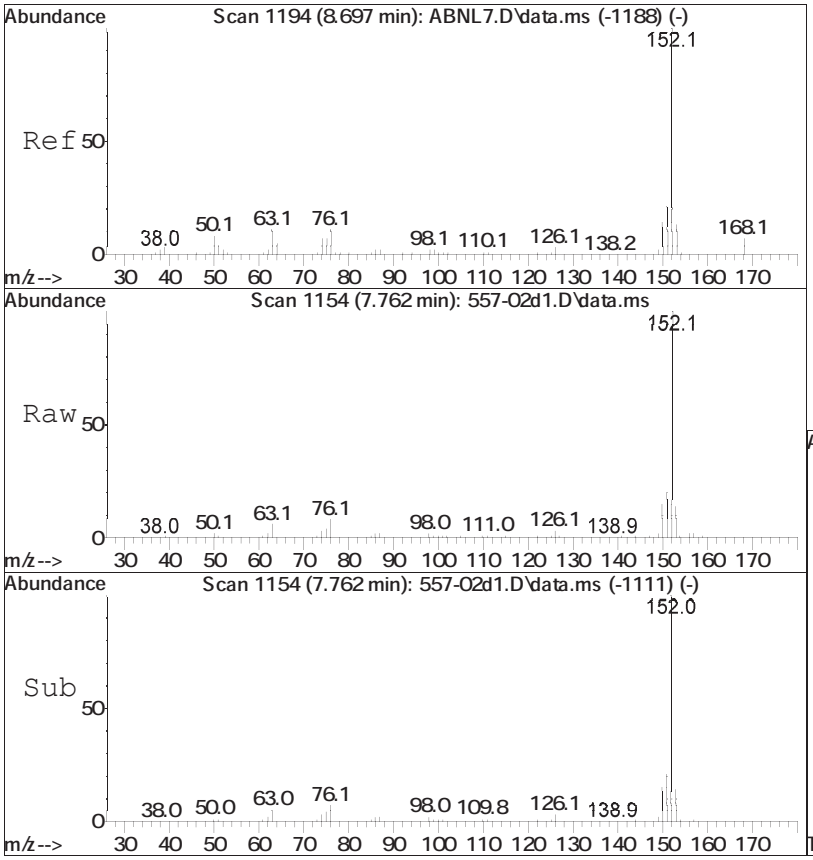


#62
Biphenyl
Concen: 2.81 ug/ml
RT: 7.374 min Scan# 1088
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:154 Resp: 28581

Ion	Ratio	Lower	Upper
154	100		
153	43.5	33.8	50.8
152	31.5	23.0	34.6

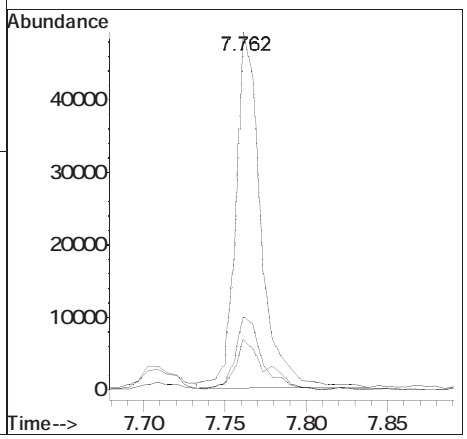


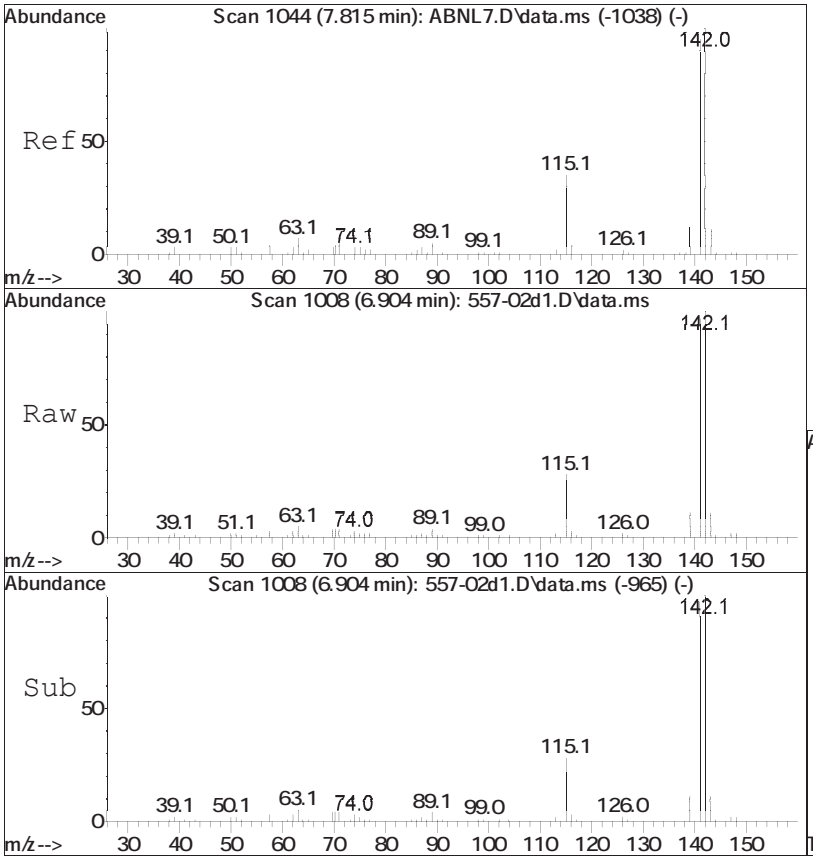


#52
Acenaphthylene
Concen: 3.99 ug/ml
RT: 7.762 min Scan# 1154
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:152 Resp: 52117

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.7	25.1
153	16.4	11.1	16.7

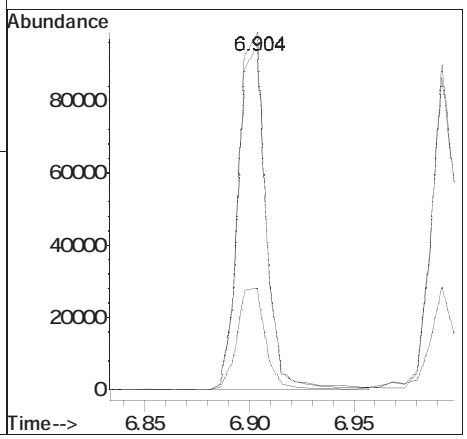


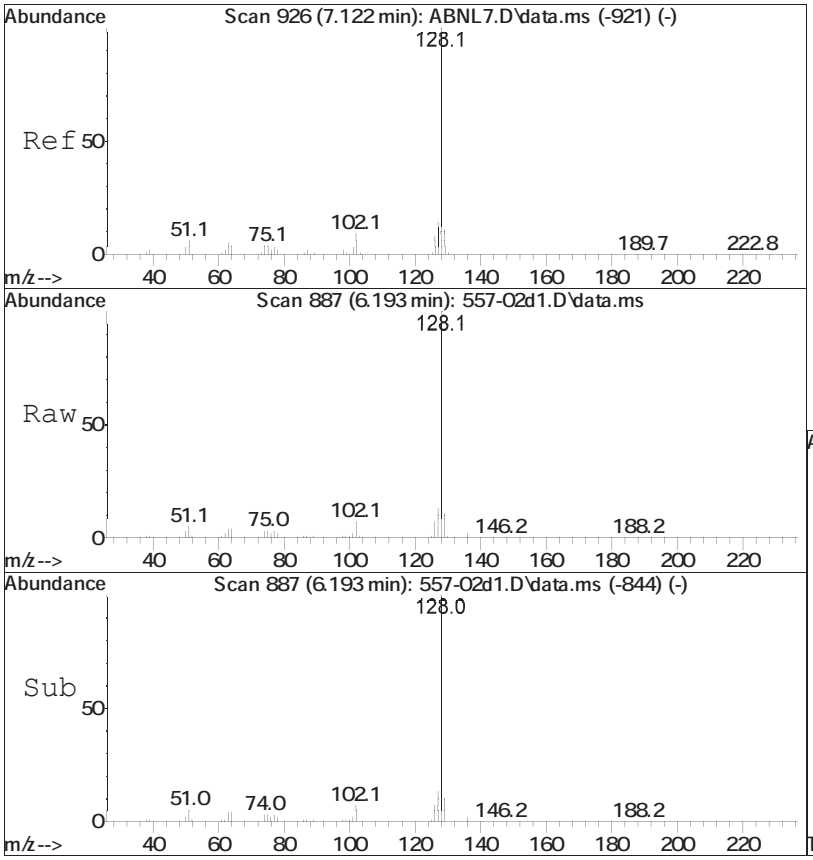


#41
2-Methylnaphthalene
Concen: 11.64 ug/ml
RT: 6.904 min Scan# 1008
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:142 Resp: 91558

Ion	Ratio	Lower	Upper
142	100		
141	96.9	69.5	104.3
115	29.3	25.4	38.2

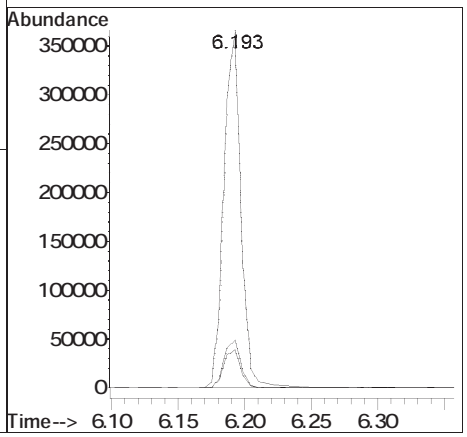


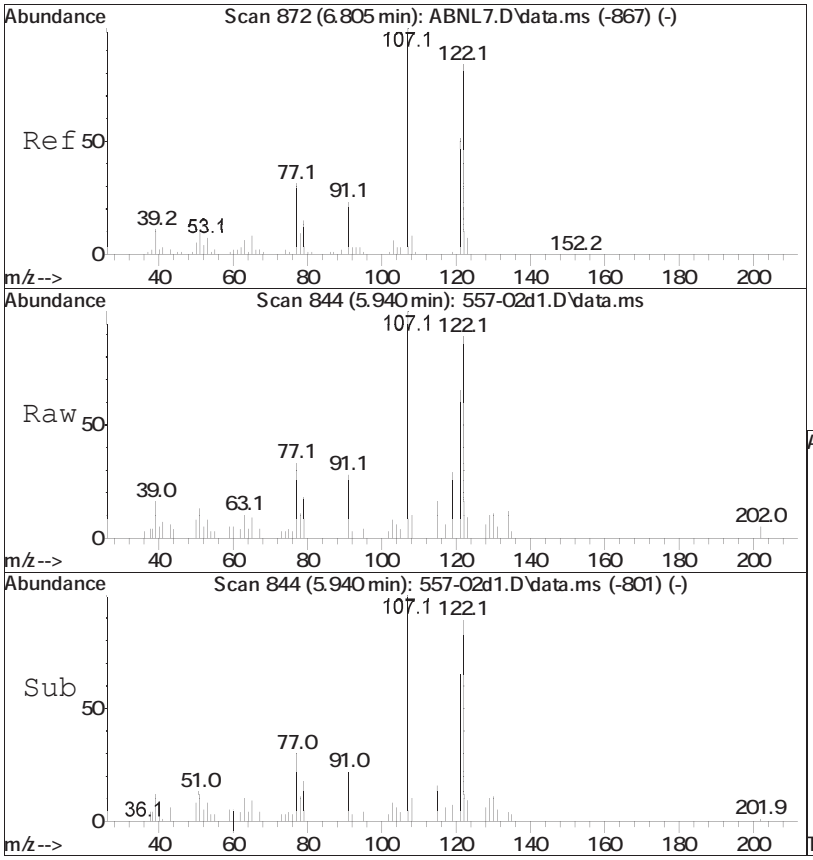


#36
Naphthalene
Concen: 27.99 ug/ml
RT: 6.193 min Scan# 887
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:128 Resp: 321492

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	11.3	16.9

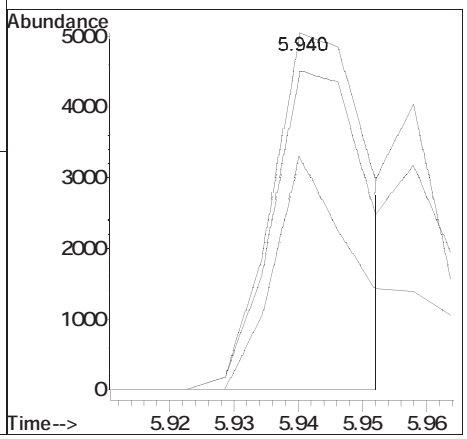


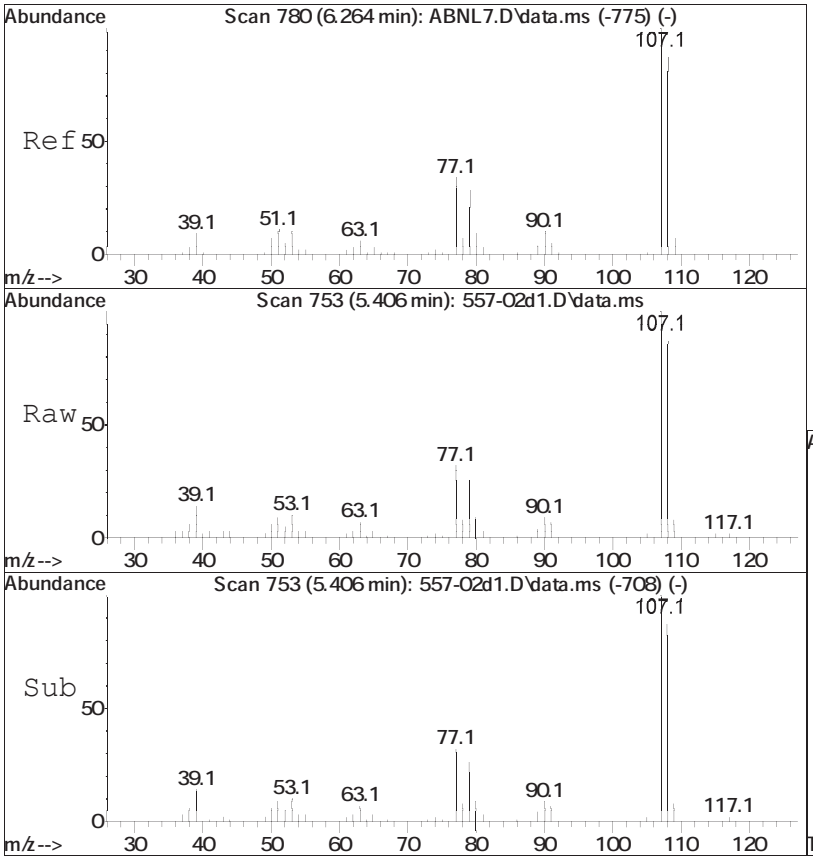


#23
2,4-Dimethylphenol
Concen: 1.65 ug/ml M6
RT: 5.940 min Scan# 844
Delta R.T. -0.000 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:107 Resp: 5251

Ion	Ratio	Lower	Upper
107	100		
121	73.5	41.2	61.8#
122	131.6	72.5	108.7#

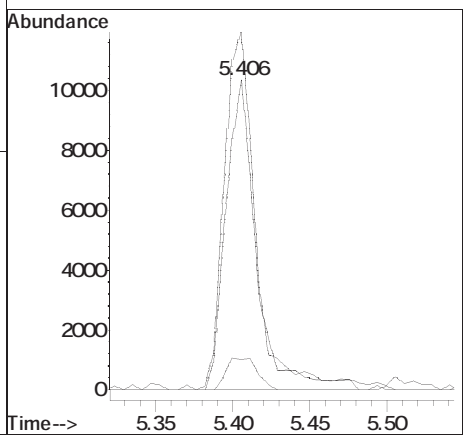


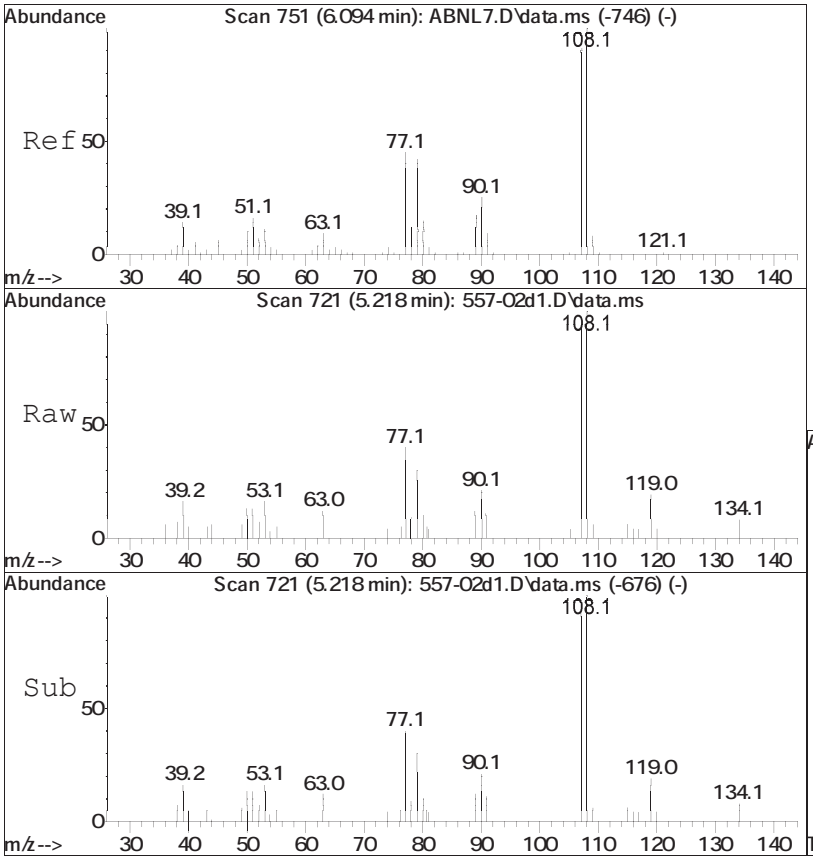


#18
3-Methylphenol/4-Methylphenol
Concen: 4.43 ug/ml
RT: 5.406 min Scan# 753
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:108 Resp: 14162

Ion	Ratio	Lower	Upper
108	100		
107	118.2	88.2	132.2
90	10.5	8.5	12.7

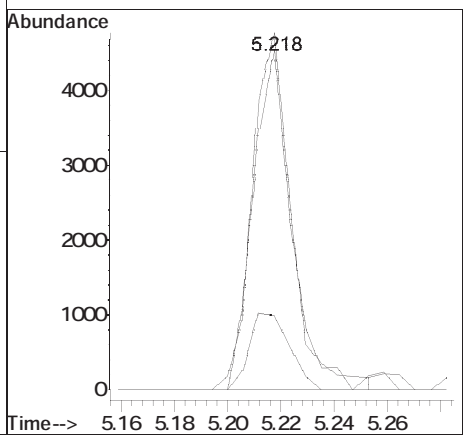


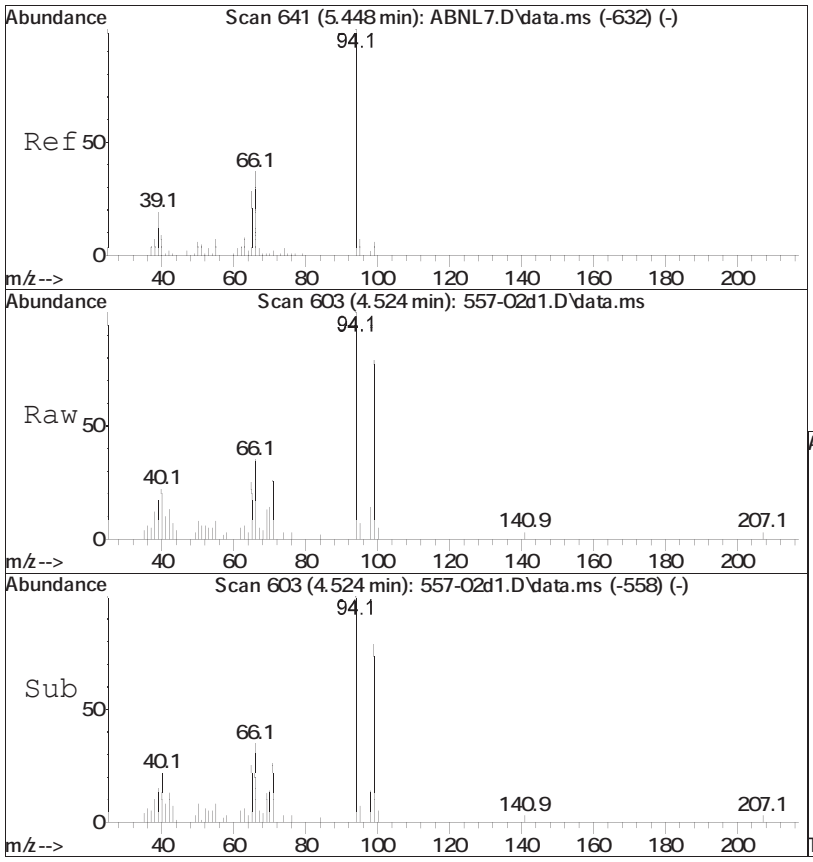


#15
2-Methylphenol
Concen: 1.63 ug/ml
RT: 5.218 min Scan# 721
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion:108 Resp: 4846

Ion	Ratio	Lower	Upper
108	100		
107	92.6	70.3	105.5
90	22.1	18.7	28.1

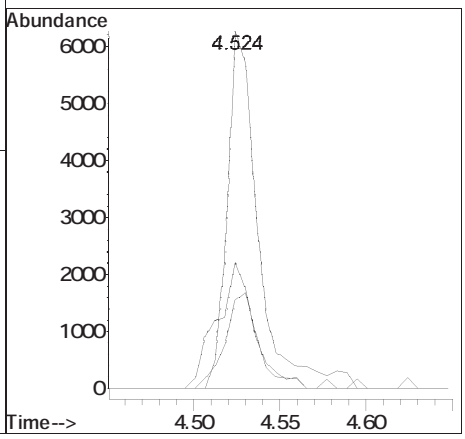




#8
Phenol
Concen: 1.82 ug/ml
RT: 4.524 min Scan# 603
Delta R.T. 0.012 min
Lab File: 557-02d1.D
Acq: 14 Jul 2025 5:17 pm

Tgt Ion: 94 Resp: 7847

Ion	Ratio	Lower	Upper
94	100		
65	29.2	38.8	58.2#
66	42.7	60.3	90.5#

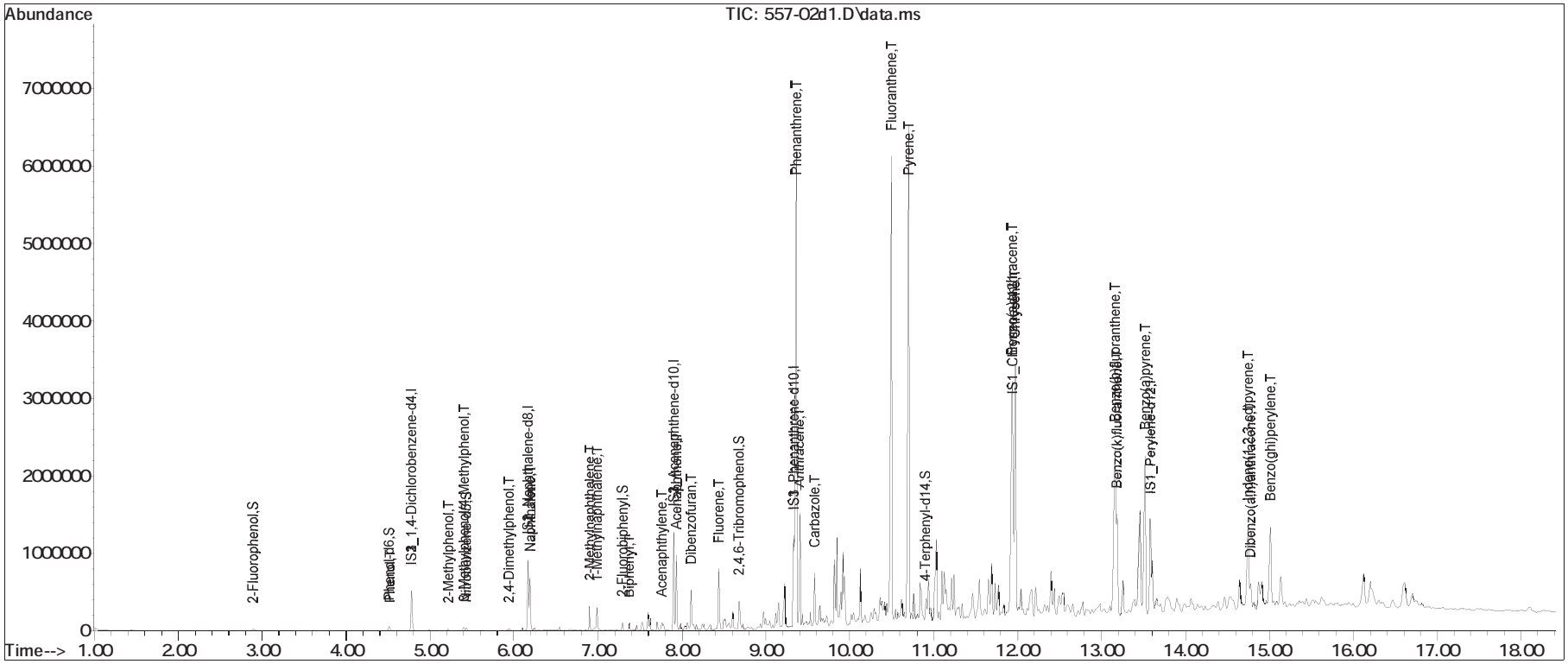


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-02d1.D
Acq On : 14 Jul 2025 5:17 pm
Operator : Mork:smz
Sample : L2542557-02d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 15:27:51 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90714.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-02d1.D
Acq On : 14 Jul 2025 5:17 pm
Operator : Mork:smz
Sample : L2542557-02d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 15:27:51 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Data Path : I:\8270\Mork\250714\
Data File : 557-02d1.D
Acq On : 14 Jul 2025 5:17 pm
Operator : Mork:smz
Sample : L2542557-02d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 15:27:51 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	7.938	154	177489	25.325	ug/ml	91
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	8.108	168	204151	17.669	ug/ml	96
68) 2,4-Dinitrotoluene	0.000		0	N.D. d		
69) 4-Nitrophenol	0.000		0	N.D. d		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	8.437	166	199681	21.632	ug/ml	91
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D. d		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D. d		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	9.360	178	2448040	167.880	ug/ml	97
90) Anthracene	9.401	178	535446M3	36.638	ug/ml	
91) Carbazole	9.583	167	253763	18.937	ug/ml	97
92) Di-n-butylphthalate	0.000		0	N.D. d		
93) Fluoranthene	10.500	202	2667512	146.518	ug/ml	97
95) Pyrene	10.705	202	2416927M3	127.207	ug/ml	
97) Butyl benzyl phthalate	0.000		0	N.D. d		
105) Benzo(a)anthracene	11.933	228	1242369M3	68.764	ug/ml	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D. d		
107) Chrysene	11.969	228	1154663	68.743	ug/ml#	94
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d		
109) Di-n-octylphthalate	0.000		0	N.D. d		
110) Benzo(b)fluoranthene	13.161	252	1419907M6	76.434	ug/ml	
111) Benzo(k)fluoranthene	13.185	252	308041M3	17.579	ug/ml	
112) Benzo(a)pyrene	13.520	252	994848	59.141	ug/ml	99
114) Indeno(1,2,3-cd)pyrene	14.748	276	559357M6	31.556	ug/mL	
115) Dibenzo(a,h)anthracene	14.777	278	140173	8.348	ug/ml	98
116) Benzo(ghi)perylene	15.012	276	546007	33.550	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270\Mork\250714\
Data File : 557-02d1.D
Acq On : 14 Jul 2025 5:17 pm
Operator : Mork:smz
Sample : L2542557-02d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 15:27:51 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	10.899	244	52890	3.584	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 14.34%#			
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	4.524	94	7847	1.821	ug/ml#	66
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	5.218	108	4846	1.632	ug/ml	95
16) Hexachloroethane	0.000		0	N.D.	d	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	5.406	108	14162	4.434	ug/ml	93
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	5.940	107	5251M6	1.647	ug/ml	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.		
33) 1,4-Dioxane	0.000		0	N.D.	d	
36) Naphthalene	6.193	128	321492	27.989	ug/ml	99
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.	d	
41) 2-Methylnaphthalene	6.904	142	91558	11.638	ug/ml	91
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.	d	
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
52) Acenaphthylene	7.762	152	52117	3.991	ug/ml	96
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	7.374	154	28581	2.806	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250714\
Data File : 557-02d1.D
Acq On : 14 Jul 2025 5:17 pm
Operator : Mork:smz
Sample : L2542557-02d,32,5,R3F,HNY
Misc : WG2090397,WG2089348,ical21695
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 15:27:51 2025
Quant Method : I:\8270\Mork\250714\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 14 16:00:30 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250714\ABN0714.D
: 2 - I:\8270\Mork\250714\ADP0714.D
: 3 - I:\8270\Mork\250714\AP90714.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

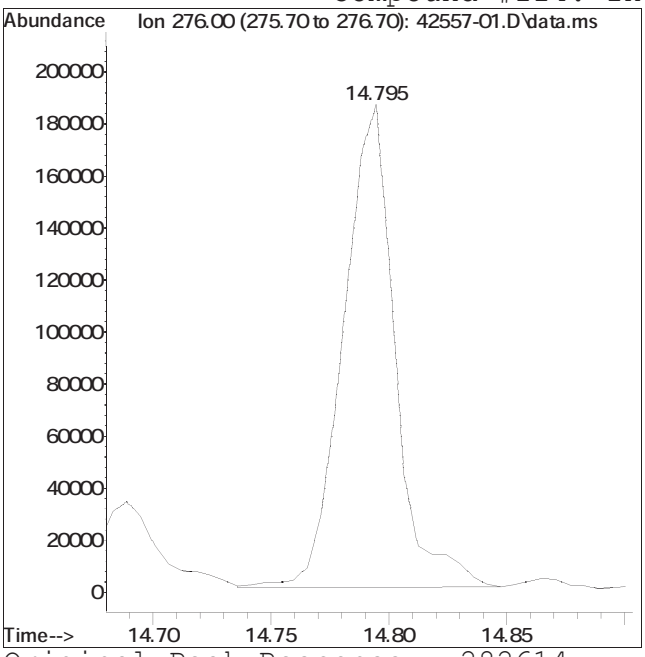
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.777	152	107957	40.000	ug/ml		0.00
Standard Area 1 = 95271			Recovery = 113.32%				
27) IS2_1,4-Dichlorobenzen...	4.777	152	107957	40.000	ug/ml		0.00
Standard Area 3 = 113193			Recovery = 95.37%				
32) IS3_1,4-Dichlorobenzen...	4.777	152	107957	40.000	ug/ml		0.00
Standard Area 2 = 101029			Recovery = 106.86%				
35) IS1_Naphthalene-d8	6.169	136	431633	40.000	ug/ml	#	0.00
Standard Area 1 = 345845			Recovery = 124.81%				
55) IS2_Naphthalene-d8	6.169	136	431633	40.000	ug/ml	#	0.00
Standard Area 3 = 424291			Recovery = 101.73%				
63) IS1_Acenaphthene-d10	7.909	164	252046	40.000	ug/ml		0.00
Standard Area 1 = 194726			Recovery = 129.44%				
83) IS2_Acenaphthene-d10	7.909	164	252046	40.000	ug/ml		0.00
Standard Area 3 = 235391			Recovery = 107.08%				
86) IS3_Acenaphthene-d10	7.909	164	252046	40.000	ug/ml		0.00
Standard Area 2 = 211962			Recovery = 118.91%				
88) IS1_Phenanthrene-d10	9.331	188	527515	40.000	ug/ml		0.00
Standard Area 1 = 395061			Recovery = 133.53%				
100) IS3_Phenanthrene-d10	9.331	188	527515	40.000	ug/ml		0.01
Standard Area 2 = 426322			Recovery = 123.74%				
104) IS1_Chrysene-d12	11.939	240	537743	40.000	ug/ml	#	0.01
Standard Area 1 = 480100			Recovery = 112.01%				
113) IS1_Perylene-d12	13.584	264	579813	40.000	ug/ml		0.02
Standard Area 1 = 595184			Recovery = 97.42%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.891	112	19333	6.732	ug/ml		0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 13.46%#				
7) Phenol-d6	4.513	99	24568	6.557	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 13.11%#				
19) Nitrobenzene-d5	5.435	82	11111	3.328	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 13.31%#				
46) 2-Fluorobiphenyl	7.292	172	32474	3.174	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 12.70%#				
79) 2,4,6-Tribromophenol	8.678	330	12341	6.831	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 13.66%#				

Manual Integration Report

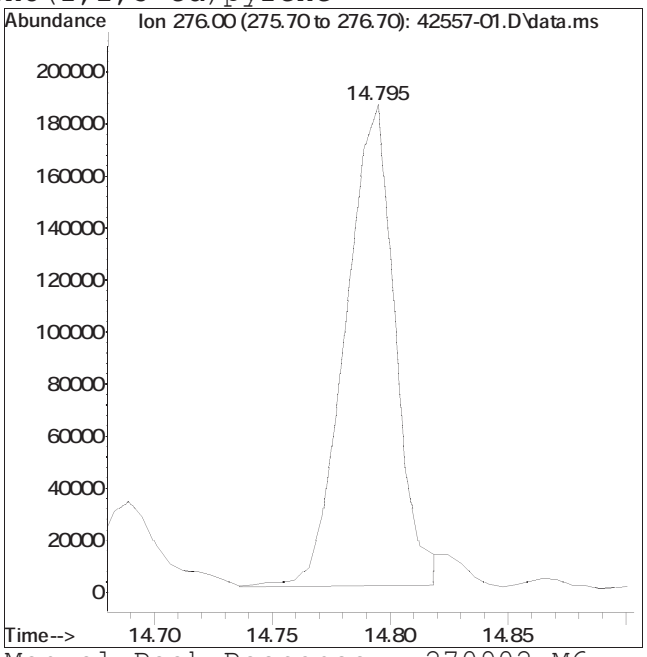
Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Date Inj'd : 7/13/2025 11:36 pm
Sample : L2542557-01,32,,R3F,cmm

QMethod : FS241110Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 7/13/2025 11:55 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 282614



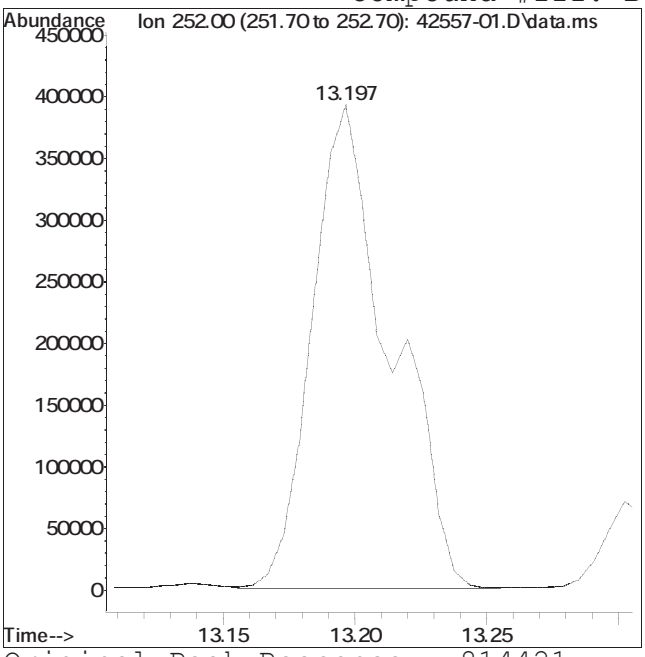
Manual Peak Response = 270902 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

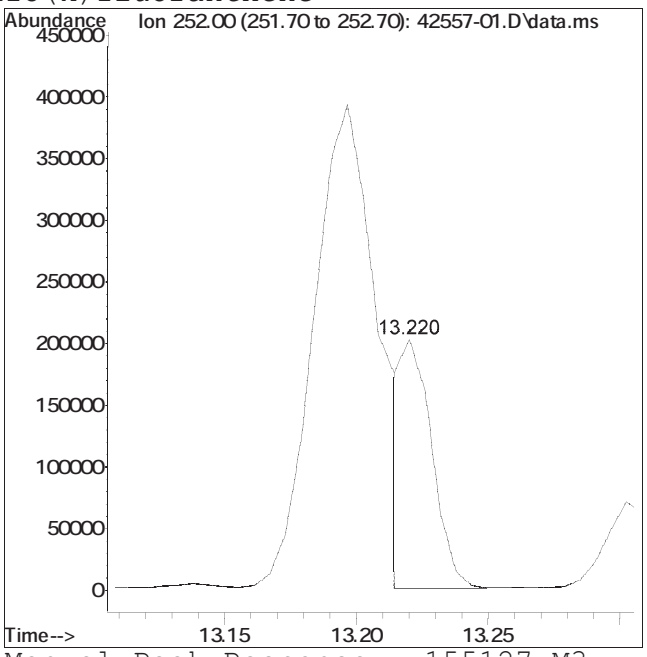
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-01.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 11:36 pm	Instrument	: Mork
Sample	: L2542557-01,32,,R3F,cmm	Quant Date	: 7/13/2025 11:55 pm

Compound #111: Benzo(k)fluoranthene



Original Peak Response = 814421



Manual Peak Response = 155127 M3

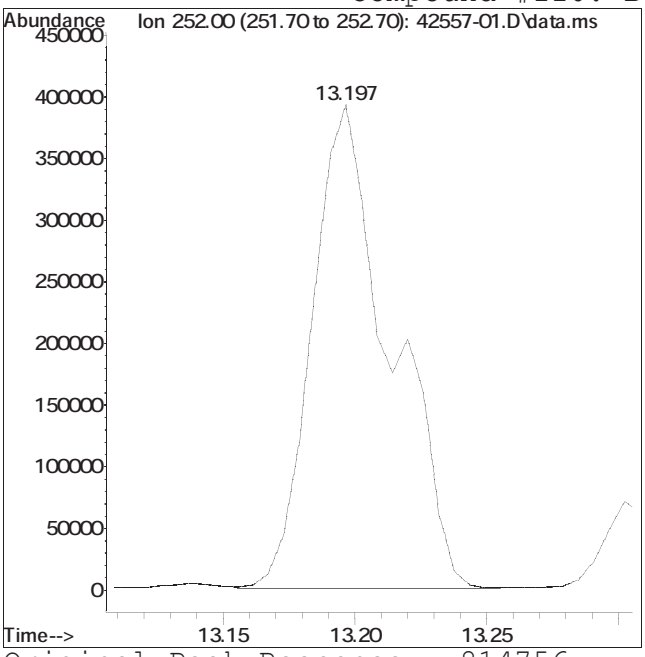
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

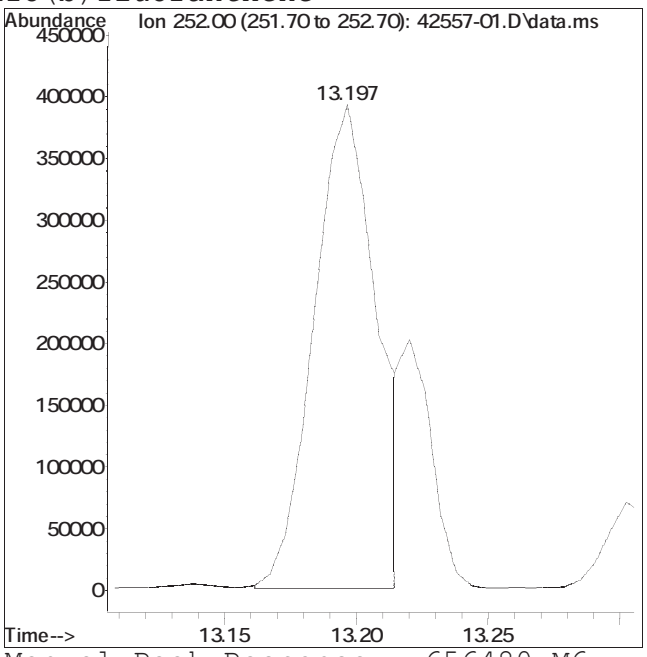
Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Date Inj'd : 7/13/2025 11:36 pm
Sample : L2542557-01,32,,R3F,cmm

QMethod : FS241110Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 7/13/2025 11:55 pm

Compound #110: Benzo(b)fluoranthene



Original Peak Response = 814756



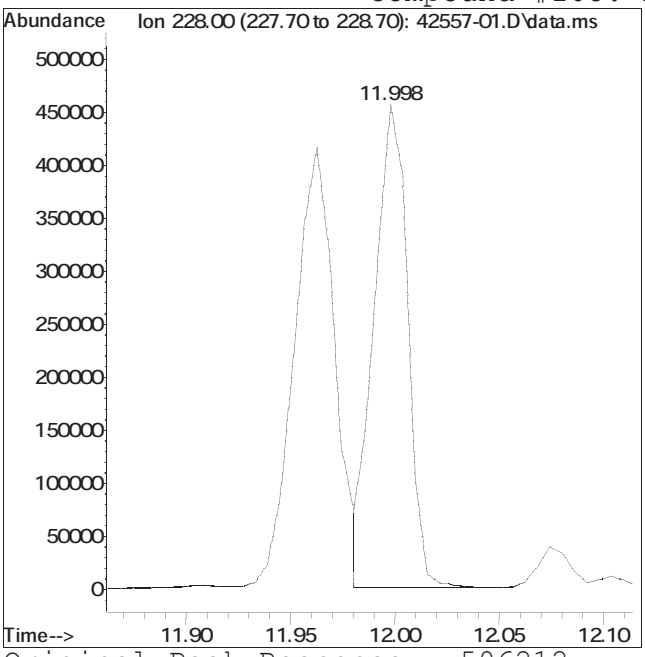
Manual Peak Response = 656480 M6

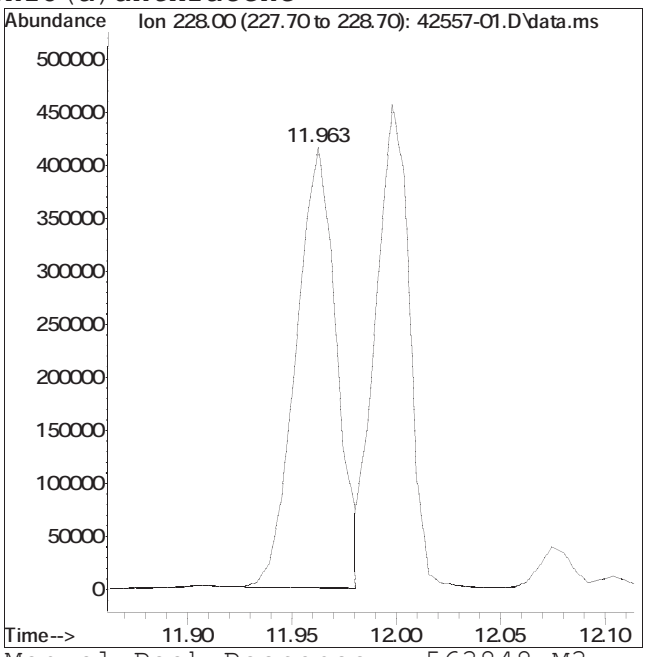
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-01.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 11:36 pm	Instrument	: Mork
Sample	: L2542557-01,32,,R3F,cmm	Quant Date	: 7/13/2025 11:55 pm

Compound #105: Benzo(a)anthracene





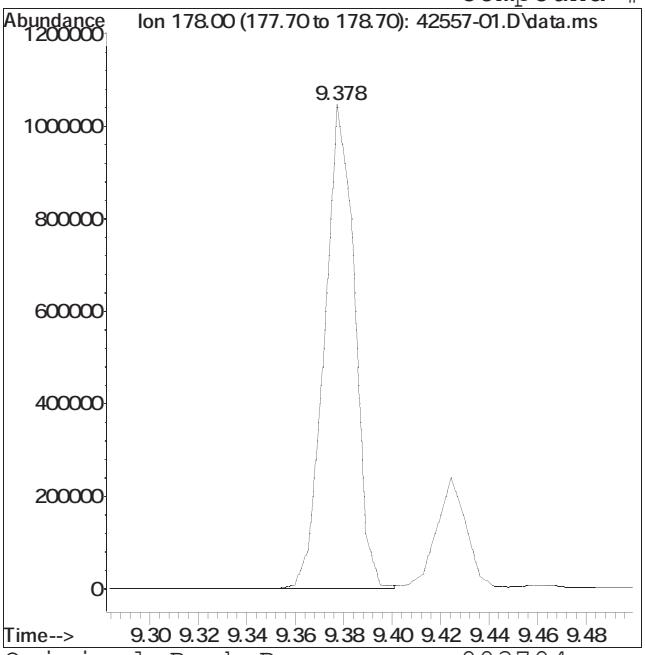
Original Peak Response = 506212 Manual Peak Response = 563848 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

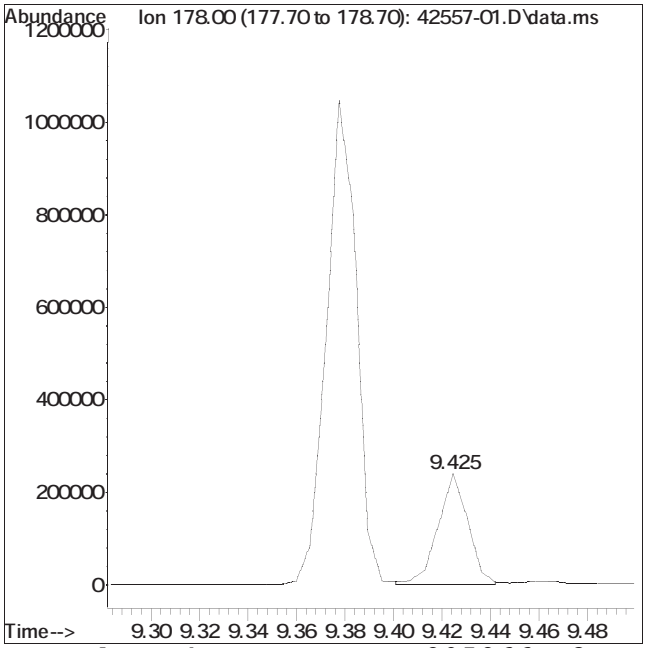
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-01.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 11:36 pm	Instrument	: Mork
Sample	: L2542557-01,32,,R3F,cmm	Quant Date	: 7/13/2025 11:55 pm

Compound #90: Anthracene



Original Peak Response = 903794



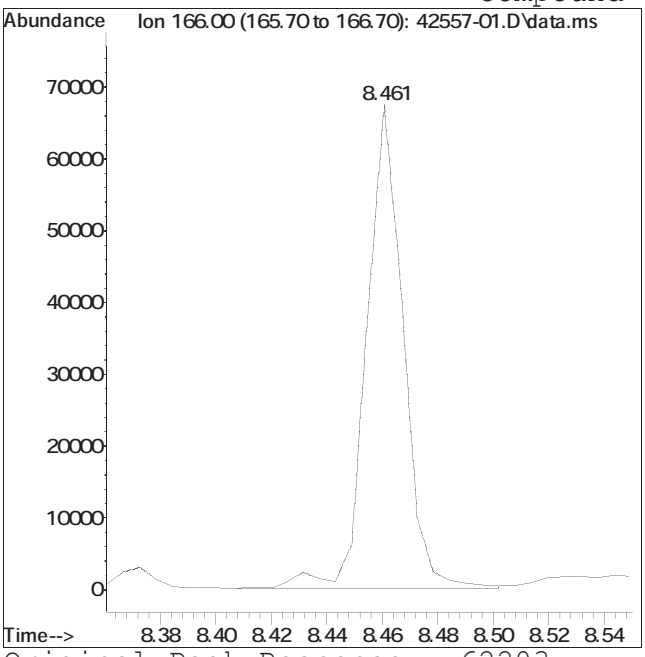
Manual Peak Response = 205866 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

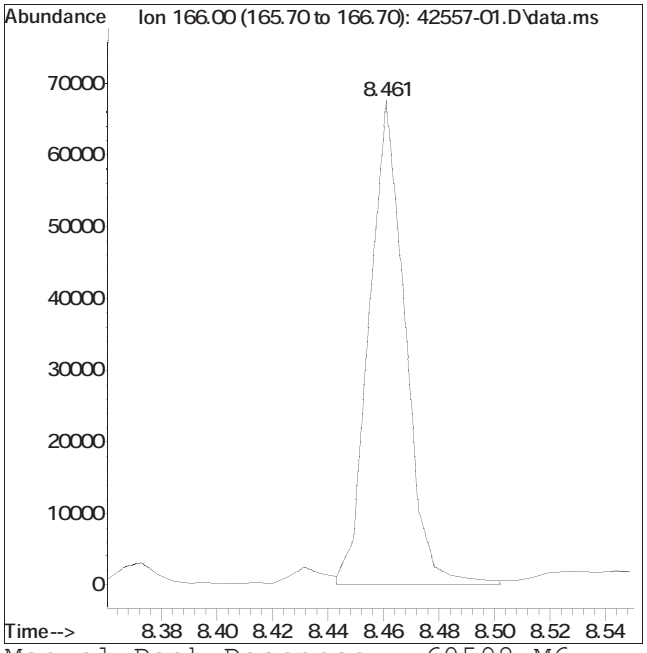
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-01.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 11:36 pm	Instrument	: Mork
Sample	: L2542557-01,32,,R3F,cmm	Quant Date	: 7/13/2025 11:55 pm

Compound #73: Fluorene

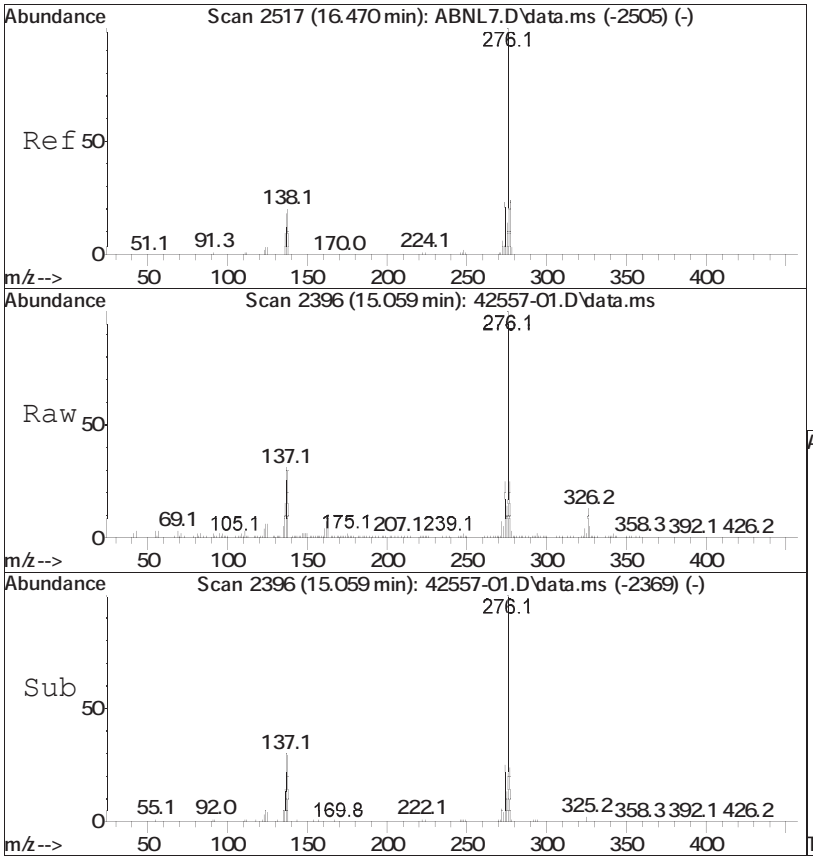


Original Peak Response = 62203



Manual Peak Response = 60598 M6

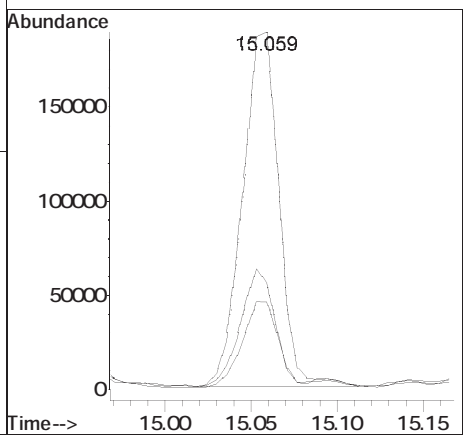
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

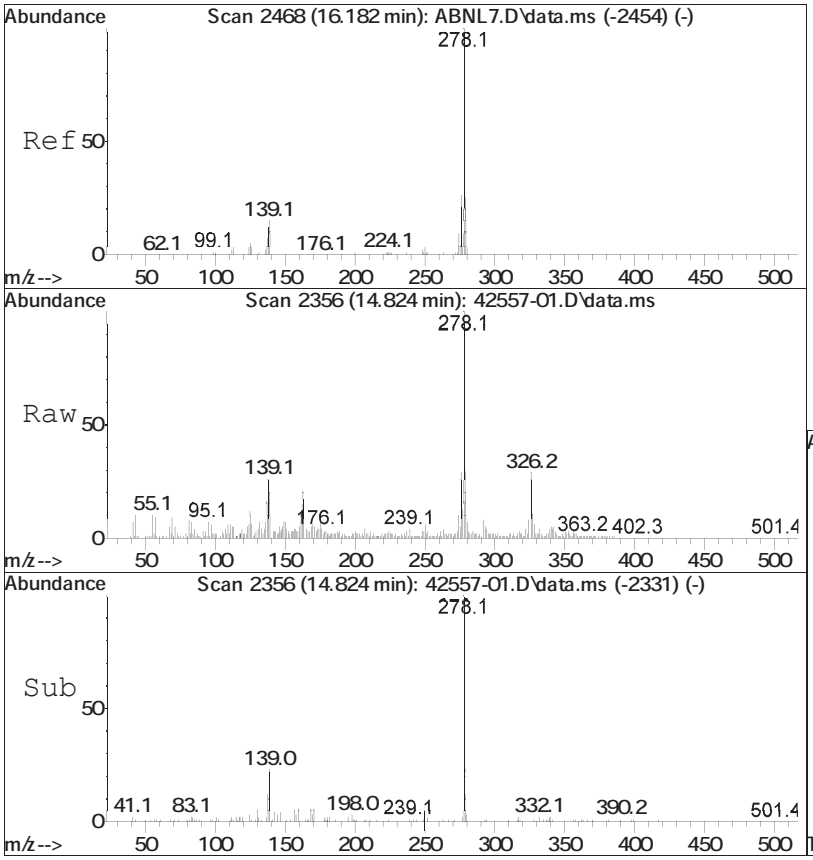


#116
Benzo(ghi)perylene
Concen: 17.69 ug/ml
RT: 15.059 min Scan# 2396
Delta R.T. 0.035 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:276 Resp: 273899

Ion	Ratio	Lower	Upper
276	100		
138	31.5	26.1	39.1
277	24.0	19.4	29.0

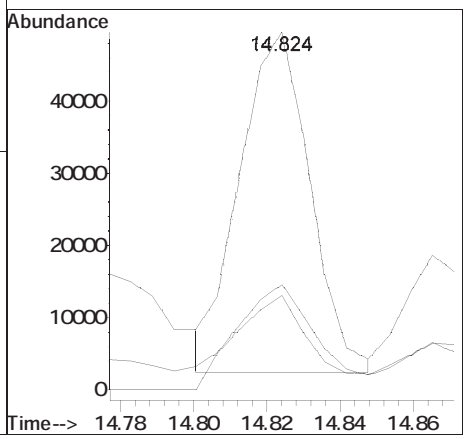


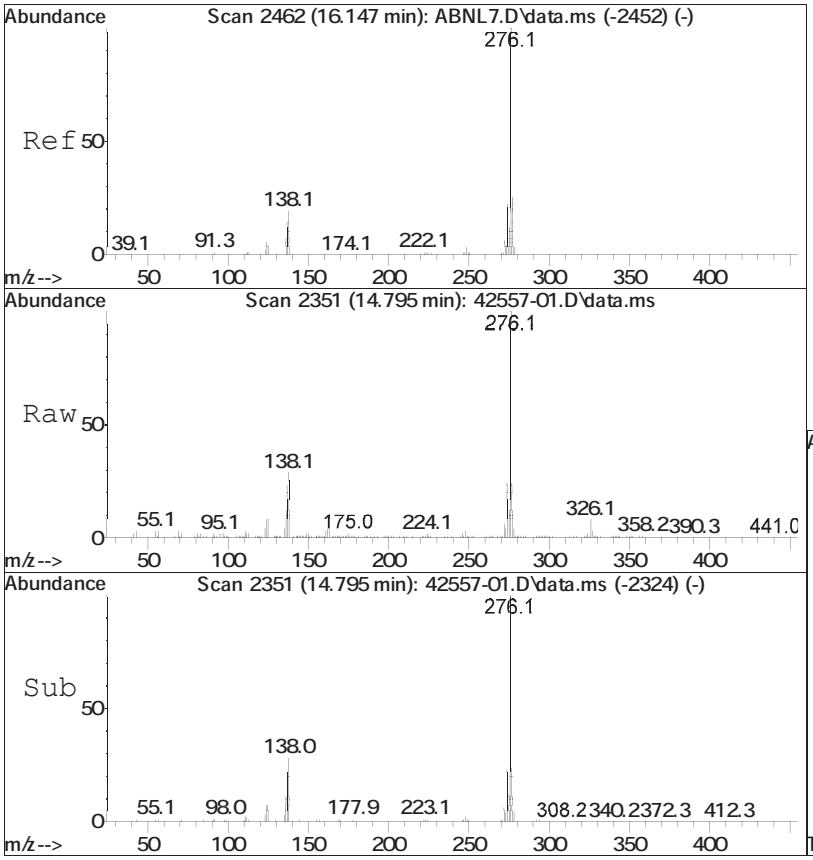


#115
Dibenzo(a,h)anthracene
Concen: 3.91 ug/ml
RT: 14.824 min Scan# 2356
Delta R.T. 0.024 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:278 Resp: 62416

Ion	Ratio	Lower	Upper
278	100		
139	30.3	18.2	27.4#
279	27.0	19.3	28.9

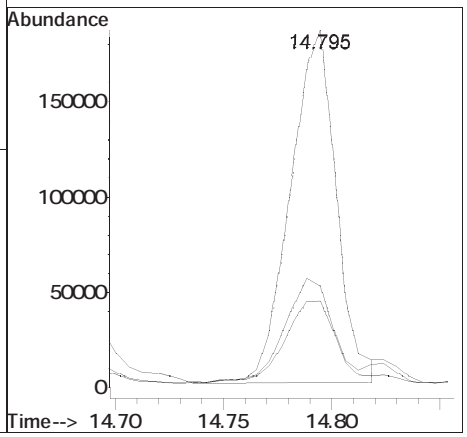


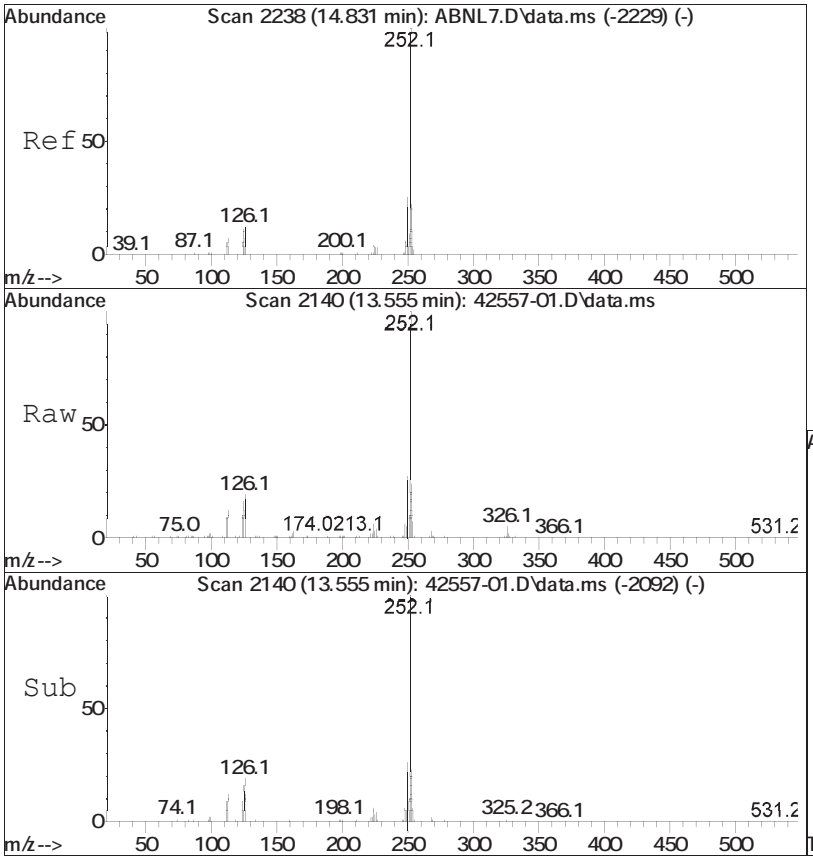


#114
Indeno(1,2,3-cd)pyrene
Concen: 16.06 ug/mL M6
RT: 14.795 min Scan# 2351
Delta R.T. 0.035 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:276 Resp: 270902

Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.7	40.1
277	29.1	20.4	30.6

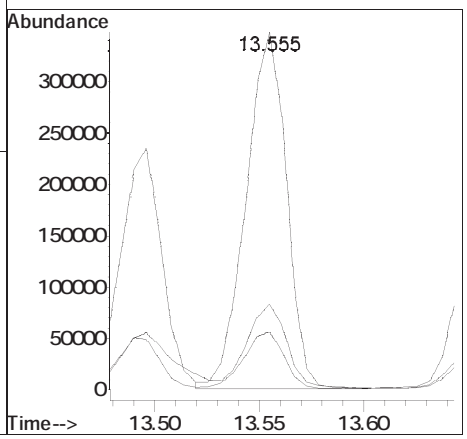


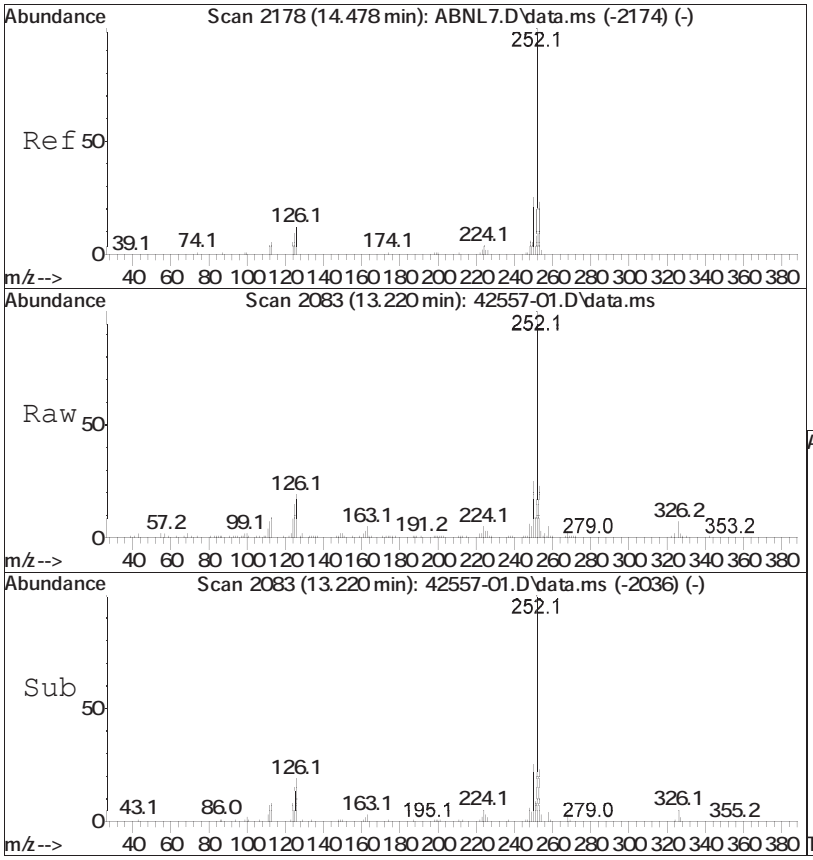


#112
Benzo(a)pyrene
Concen: 27.74 ug/ml
RT: 13.555 min Scan# 2140
Delta R.T. 0.029 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:252 Resp: 464221

Ion	Ratio	Lower	Upper
252	100		
125	15.9	13.3	19.9
253	23.0	18.2	27.4

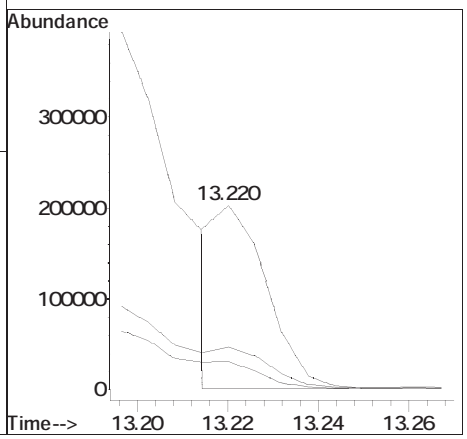


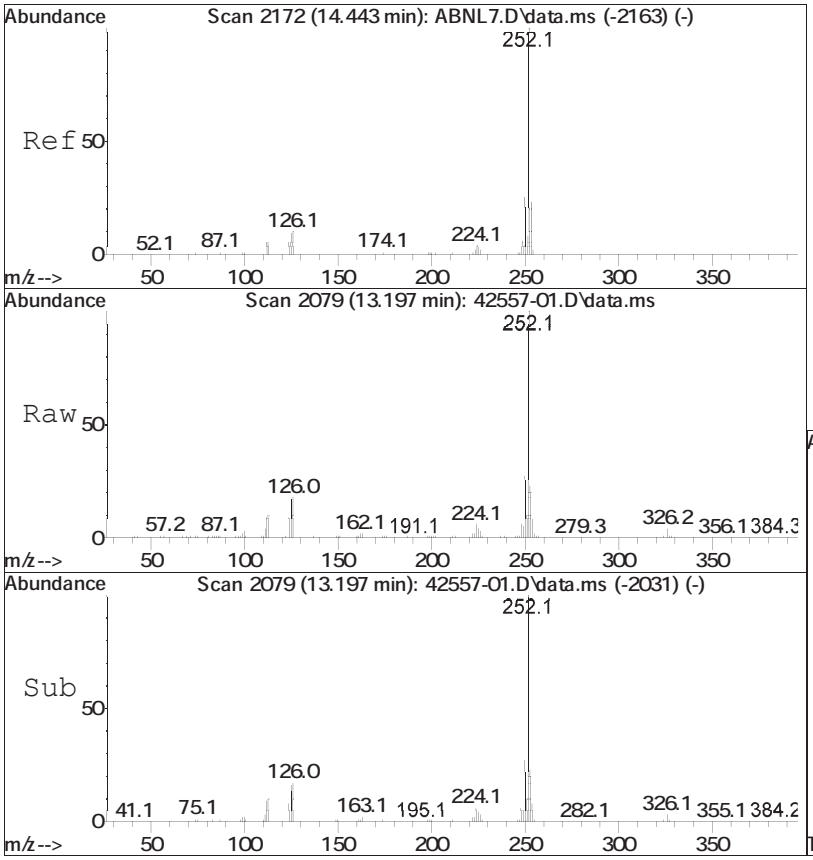


#111
Benzo(k)fluoranthene
Concen: 8.90 ug/ml M3
RT: 13.220 min Scan# 2083
Delta R.T. 0.024 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:252 Resp: 155127

Ion	Ratio	Lower	Upper
252	100		
125	85.1	12.1	18.1#
253	120.2	18.1	27.1#

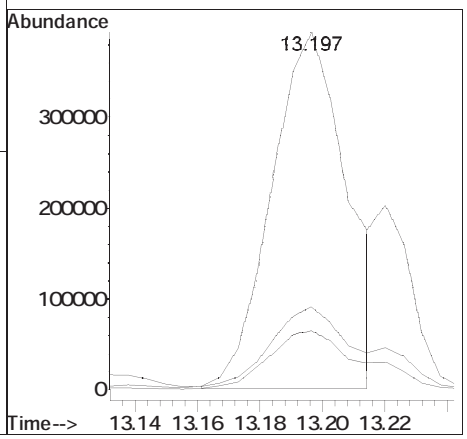


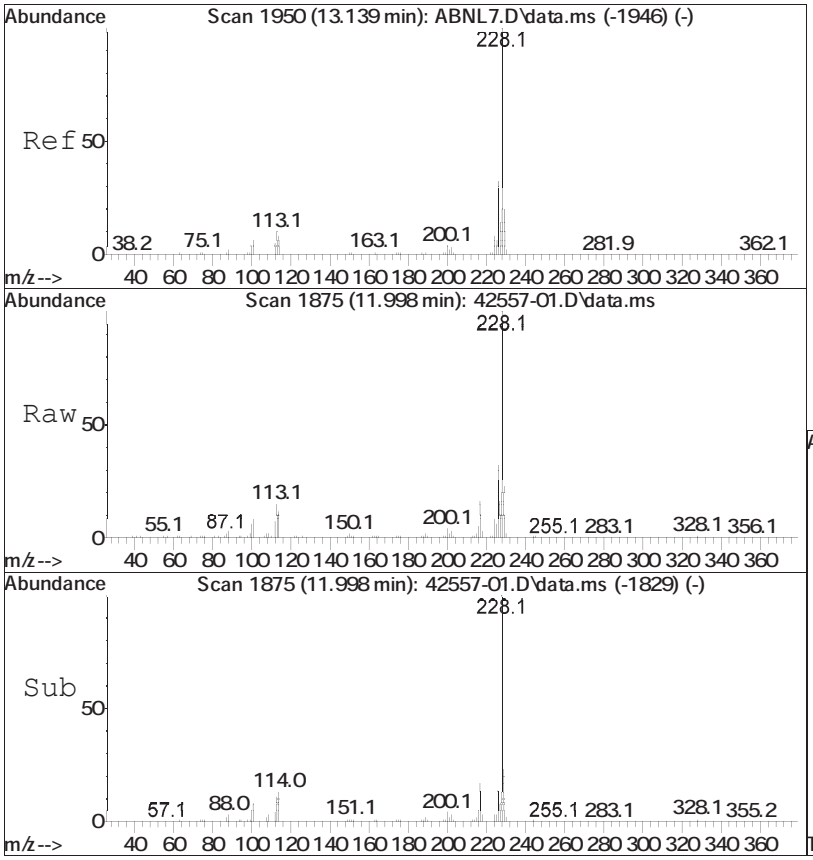


#110
Benzo(b)fluoranthene
Concen: 35.52 ug/ml M6
RT: 13.197 min Scan# 2079
Delta R.T. 0.029 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:252 Resp: 656480

Ion	Ratio	Lower	Upper
252	100		
125	20.1	12.6	18.8#
253	29.0	18.2	27.2#

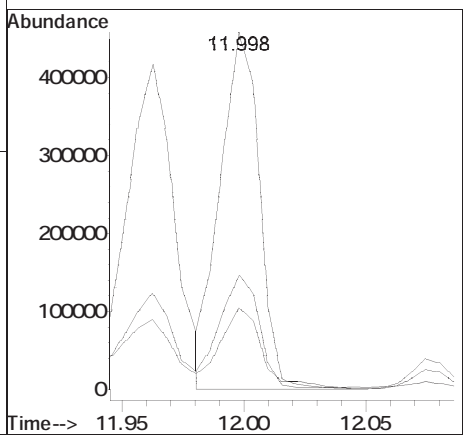


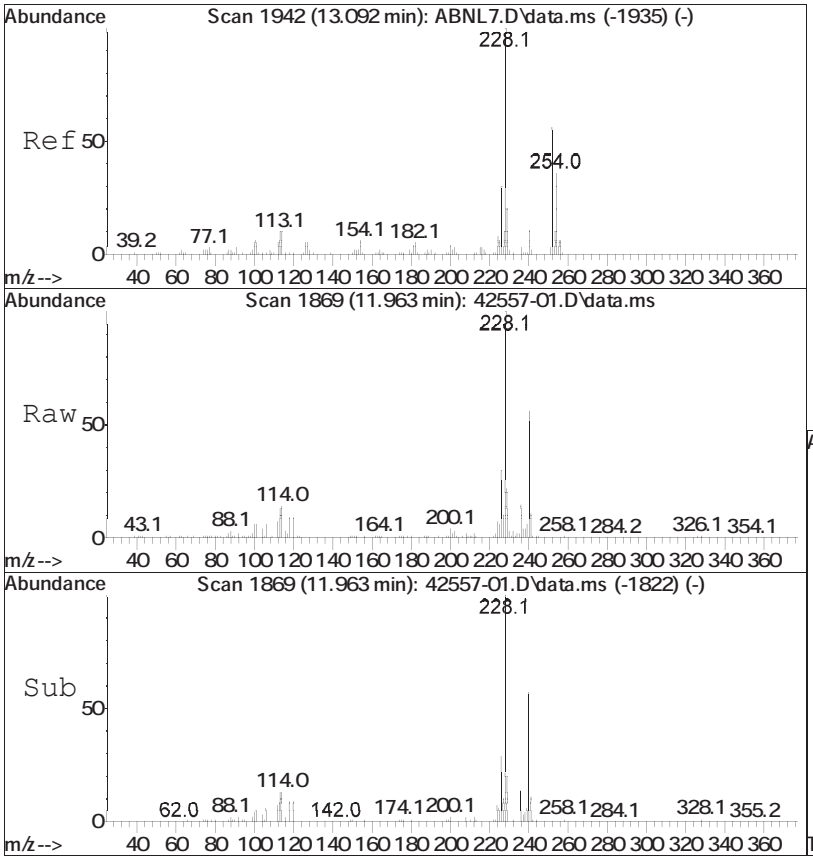


#107
Chrysene
Concen: 30.47 ug/ml
RT: 11.998 min Scan# 1875
Delta R.T. 0.018 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:228 Resp: 509137

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	24.7	16.6	24.8

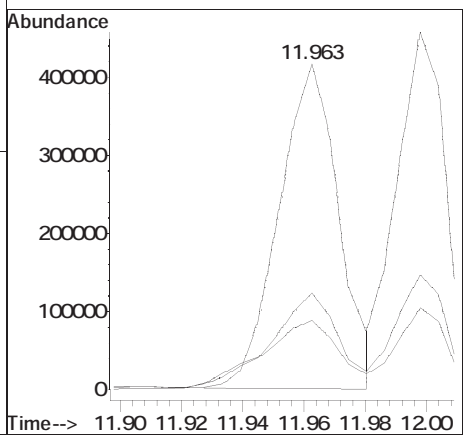


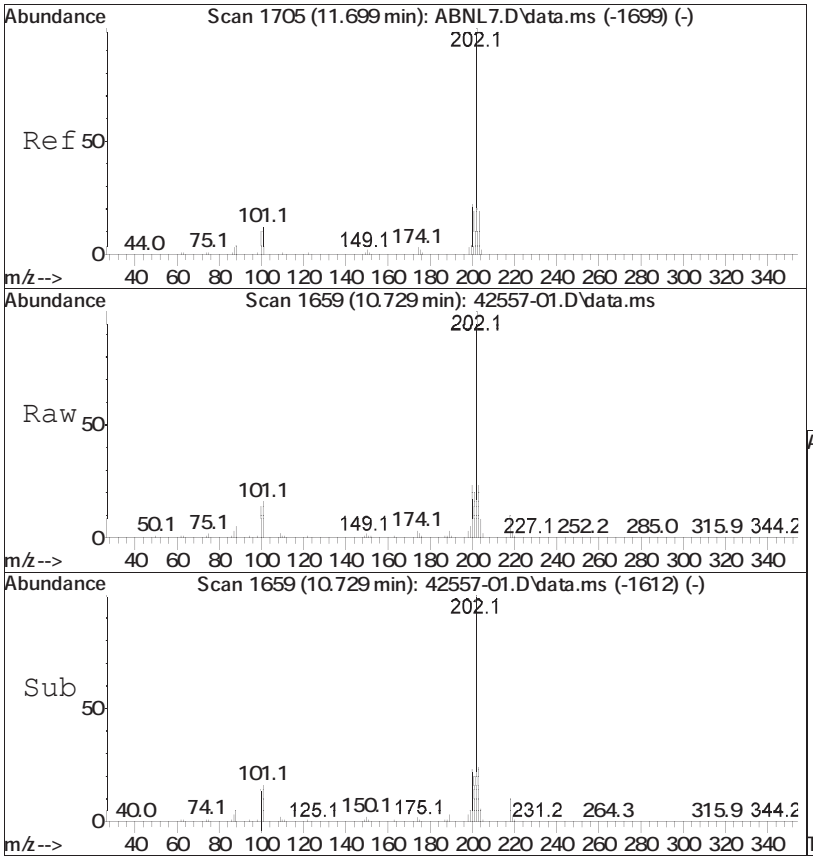


#105
Benzo(a)anthracene
Concen: 31.37 ug/ml M3
RT: 11.963 min Scan# 1869
Delta R.T. 0.024 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:228 Resp: 563848

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	20.8	16.1	24.1

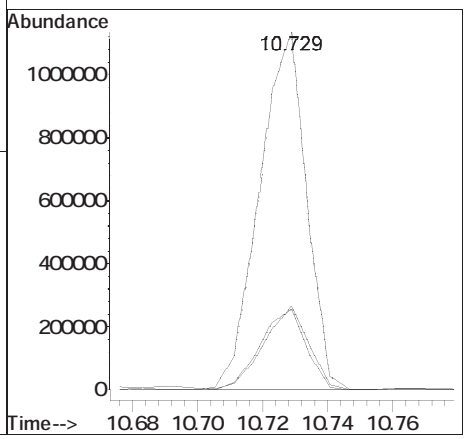


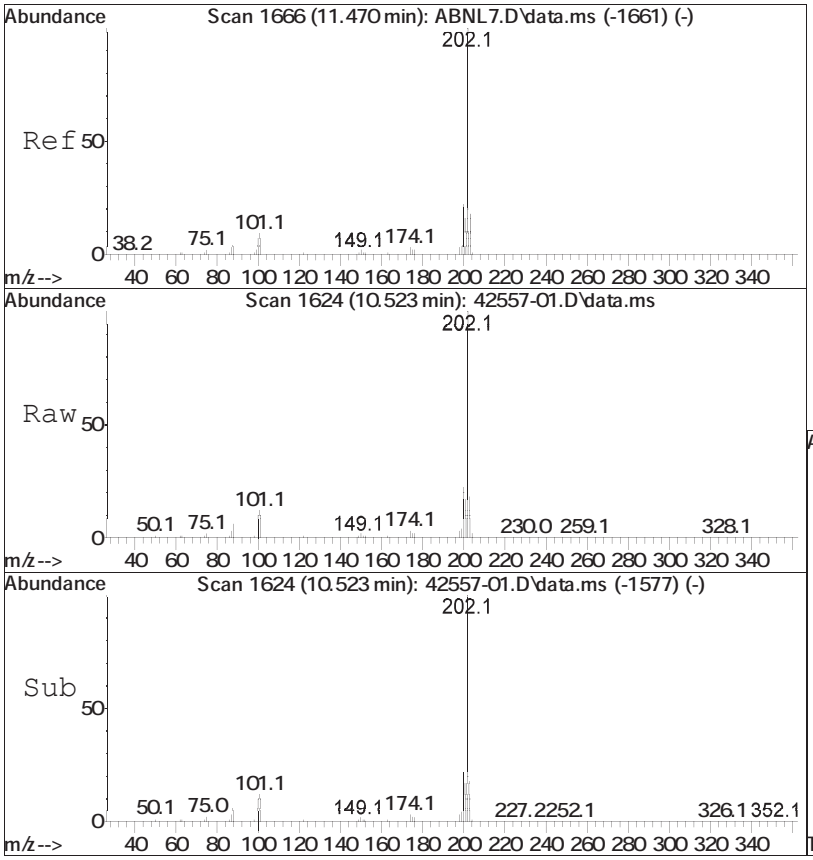


#95
Pyrene
Concen: 54.57 ug/ml
RT: 10.729 min Scan# 1659
Delta R.T. 0.024 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:202 Resp: 1124619

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	22.4	15.0	22.6

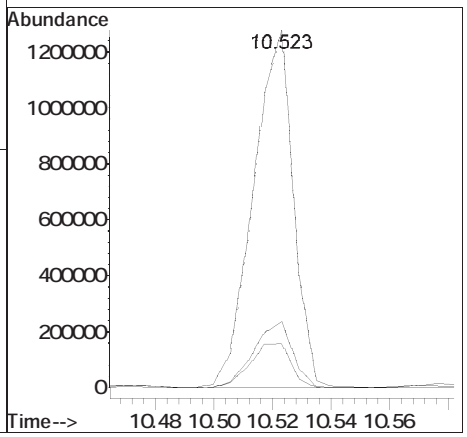


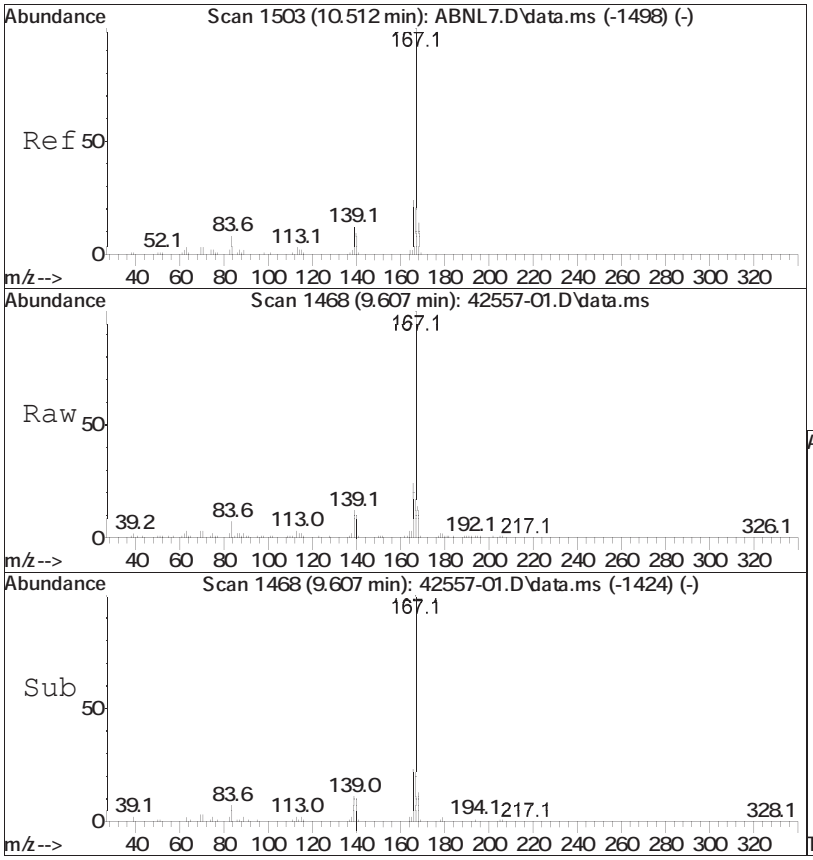


#93
Fluoranthene
Concen: 60.72 ug/ml
RT: 10.523 min Scan# 1624
Delta R.T. 0.024 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:202 Resp: 1199137

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.6	19.0
203	18.3	14.4	21.6

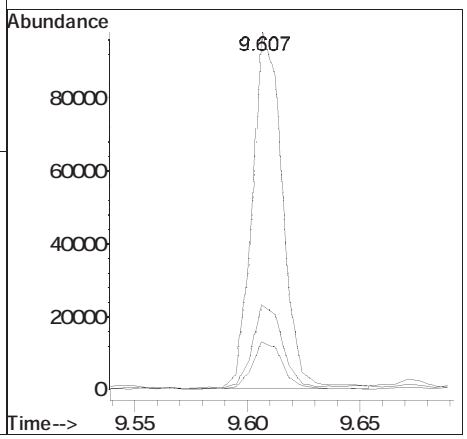


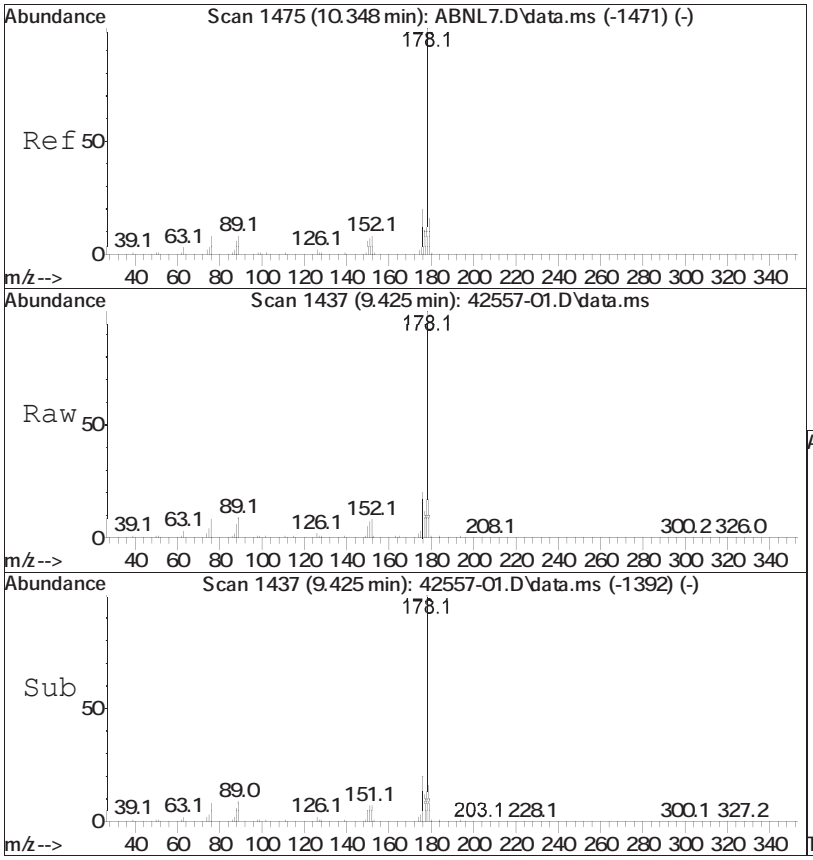


#91
Carbazole
Concen: 6.22 ug/ml
RT: 9.607 min Scan# 1468
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:167 Resp: 90338

Ion	Ratio	Lower	Upper
167	100		
168	13.7	11.3	16.9
166	24.1	17.8	26.8

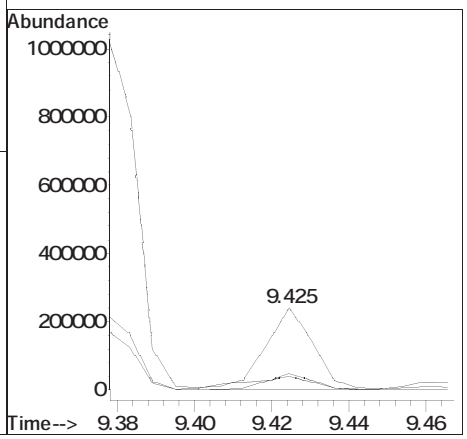


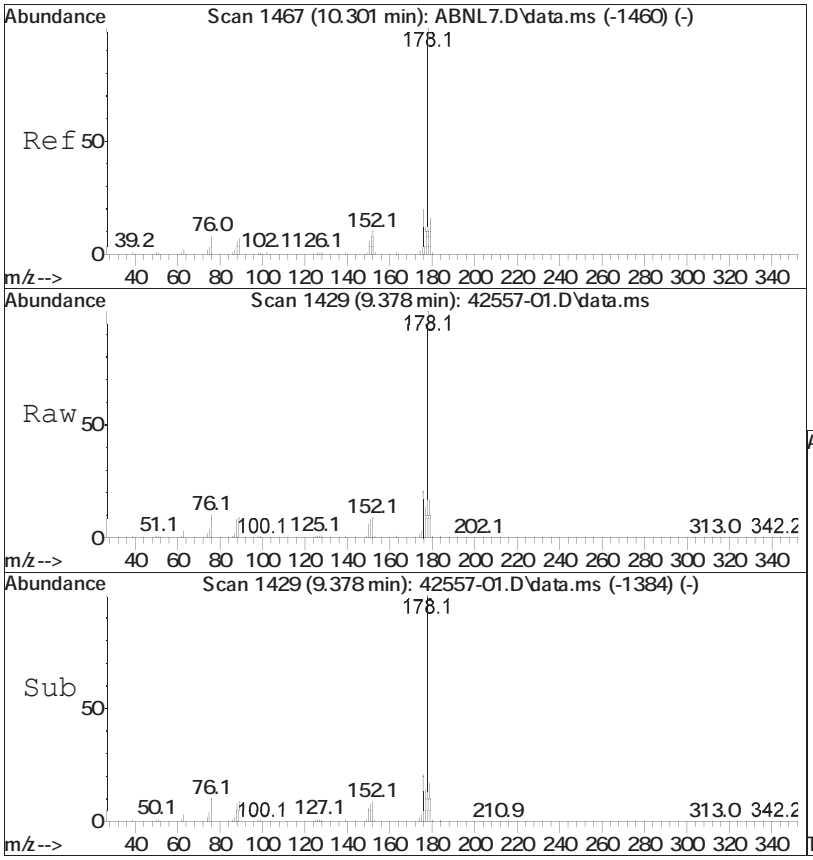


#90
Anthracene
Concen: 12.99 ug/ml M3
RT: 9.425 min Scan# 1437
Delta R.T. 0.012 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:178 Resp: 205866

Ion	Ratio	Lower	Upper
178	100		
179	71.1	12.5	18.7#
176	90.2	15.4	23.0#

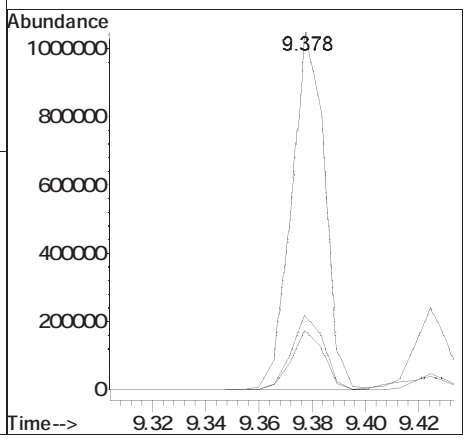


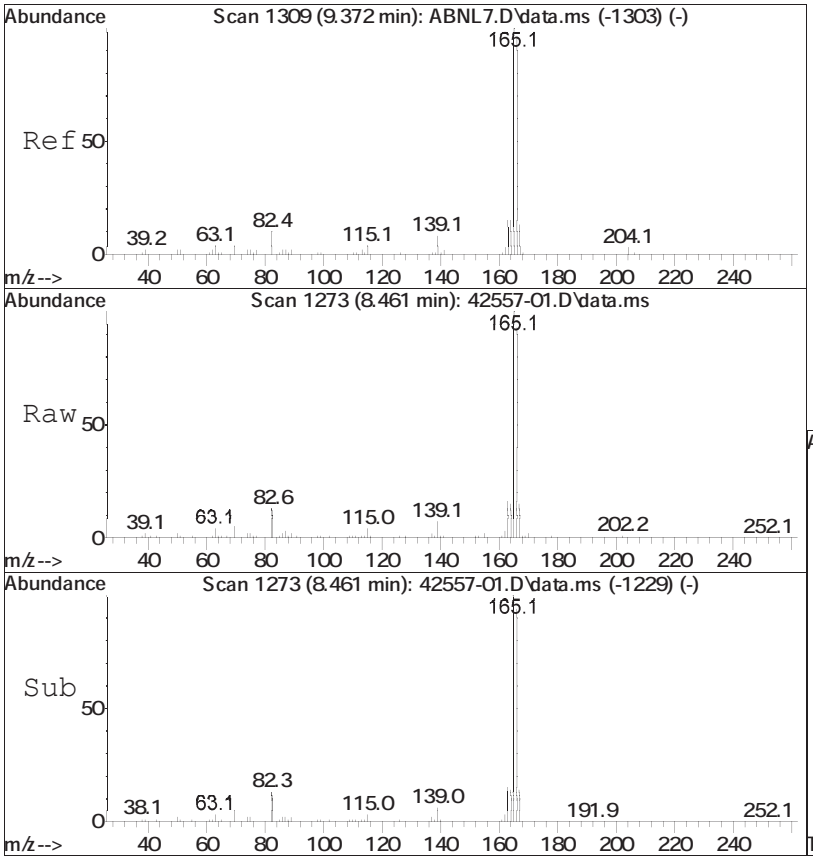


#89
Phenanthrene
Concen: 57.14 ug/ml
RT: 9.378 min Scan# 1429
Delta R.T. 0.012 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:178 Resp: 903794

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	20.5	15.8	23.6

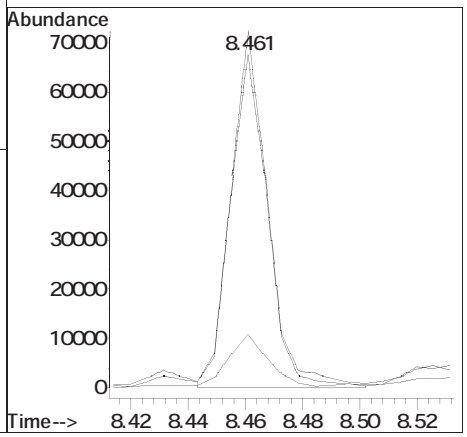


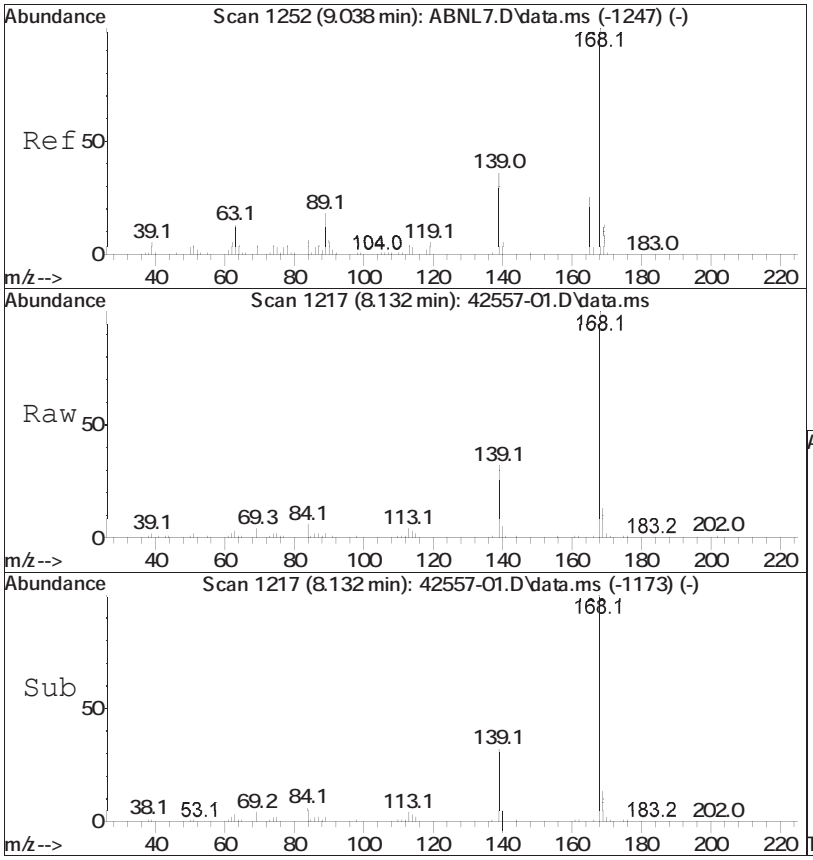


#73
Fluorene
Concen: 5.90 ug/ml M6
RT: 8.461 min Scan# 1273
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:166 Resp: 60598

Ion	Ratio	Lower	Upper
166	100		
165	109.0	77.2	115.8
167	19.1	10.9	16.3#

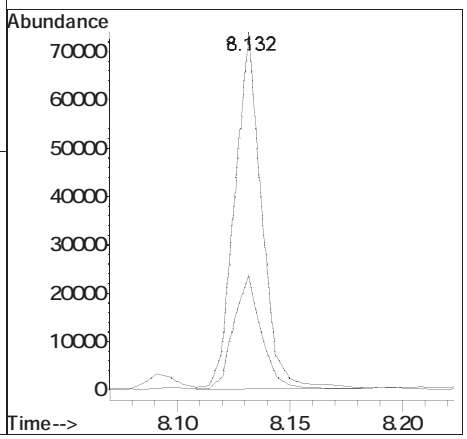


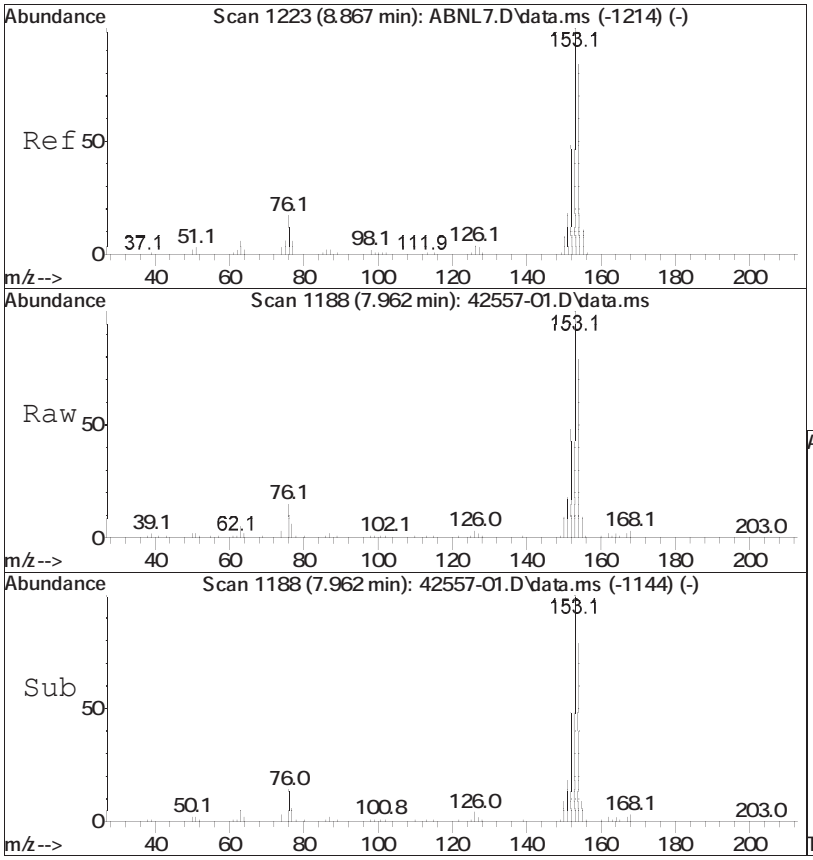


#67
Dibenzofuran
Concen: 4.69 ug/ml
RT: 8.132 min Scan# 1217
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:168 Resp: 60279

Ion	Ratio	Lower	Upper
168	100		
139	32.9	28.0	42.0

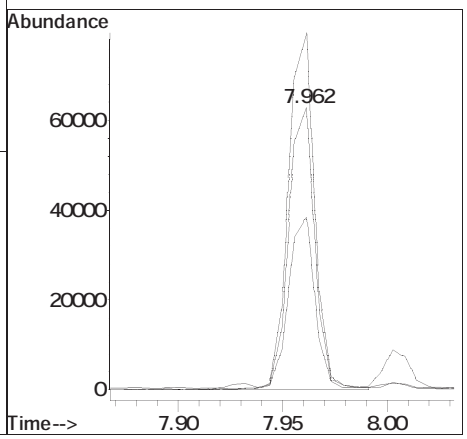


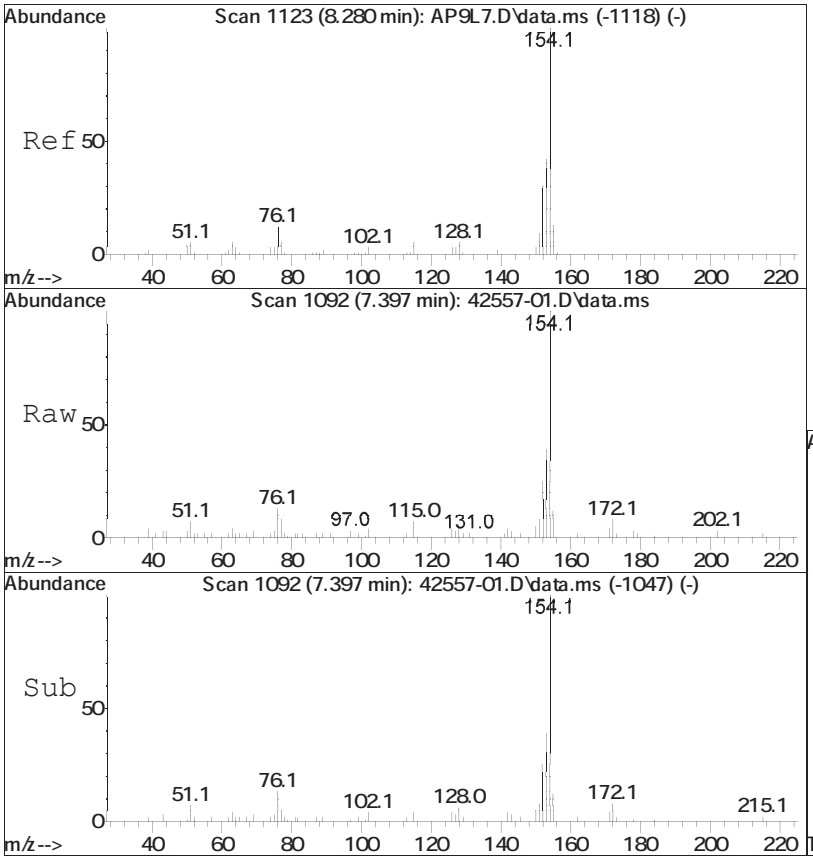


#65
Acenaphthene
Concen: 7.25 ug/ml
RT: 7.962 min Scan# 1188
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:154 Resp: 56543

Ion	Ratio	Lower	Upper
154	100		
153	123.2	89.4	134.0
152	59.4	42.2	63.2

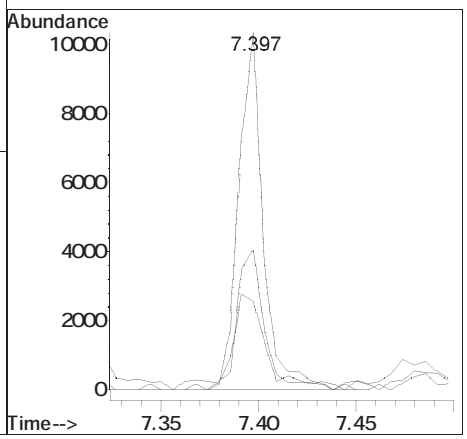


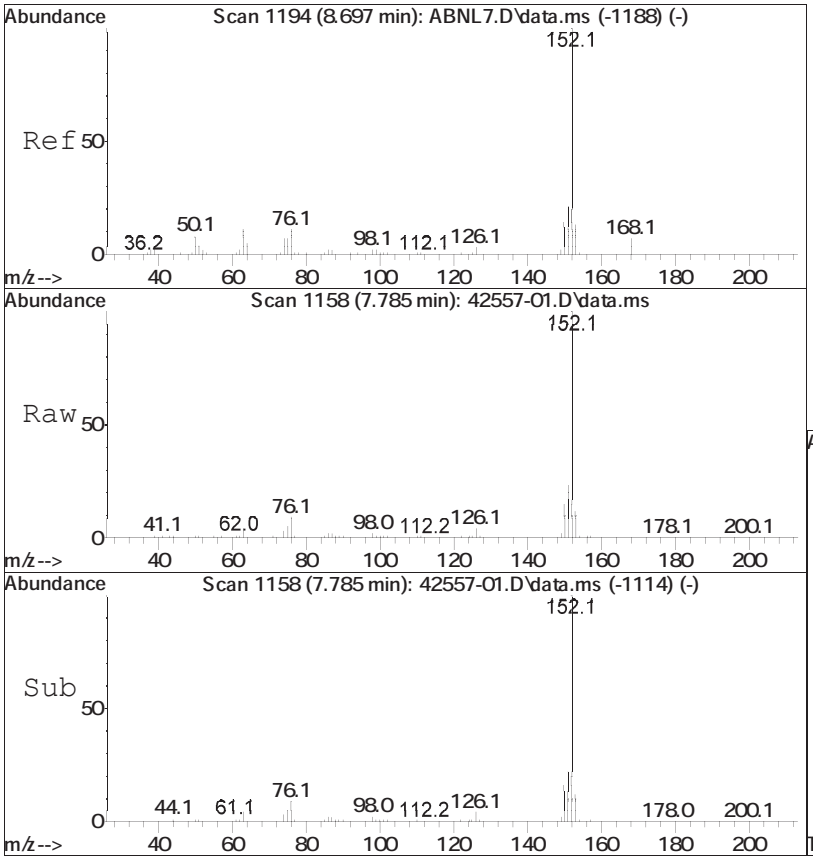


#62
Biphenyl
Concen: 0.78 ug/ml
RT: 7.397 min Scan# 1092
Delta R.T. 0.012 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:154 Resp: 8998

Ion	Ratio	Lower	Upper
154	100		
153	44.5	33.8	50.8
152	39.5	23.0	34.6#

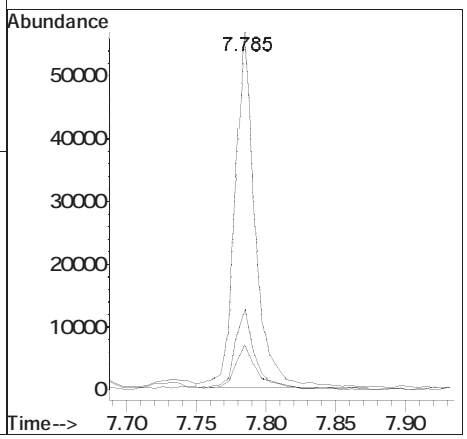


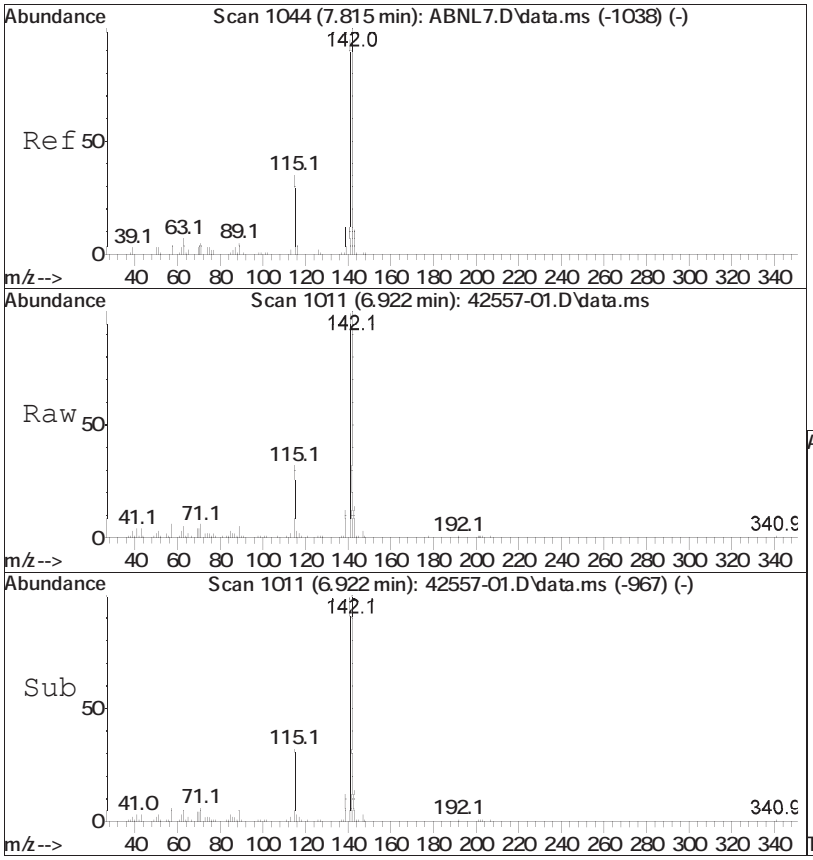


#52
Acenaphthylene
Concen: 3.82 ug/ml
RT: 7.785 min Scan# 1158
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:152 Resp: 56250

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1
153	15.9	11.1	16.7

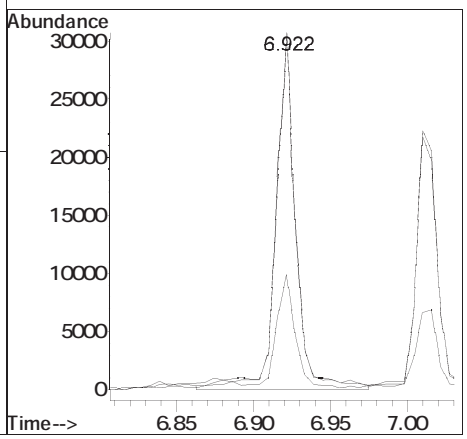


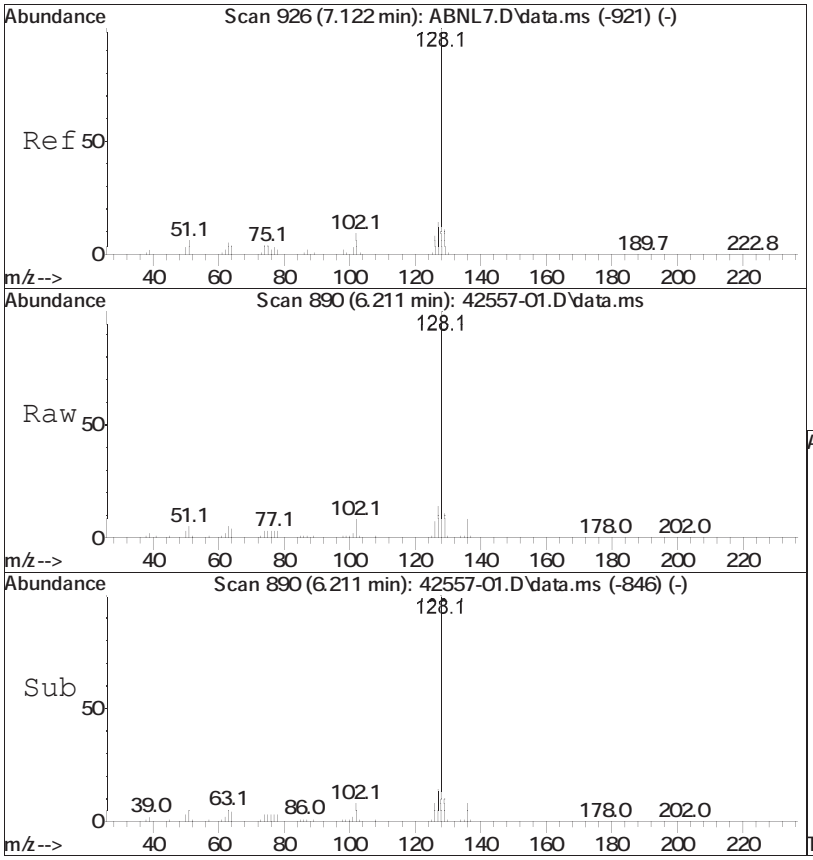


#41
2-Methylnaphthalene
Concen: 3.16 ug/ml
RT: 6.922 min Scan# 1011
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:142 Resp: 28042

Ion	Ratio	Lower	Upper
142	100		
141	102.1	69.5	104.3
115	29.3	25.4	38.2

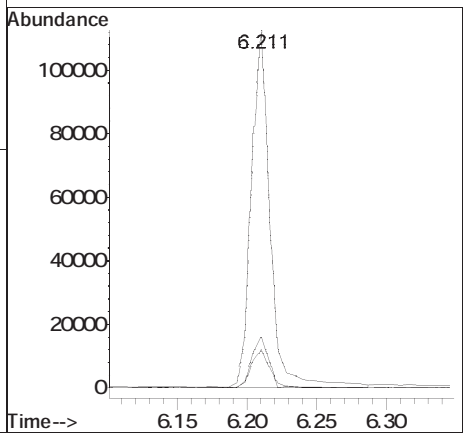


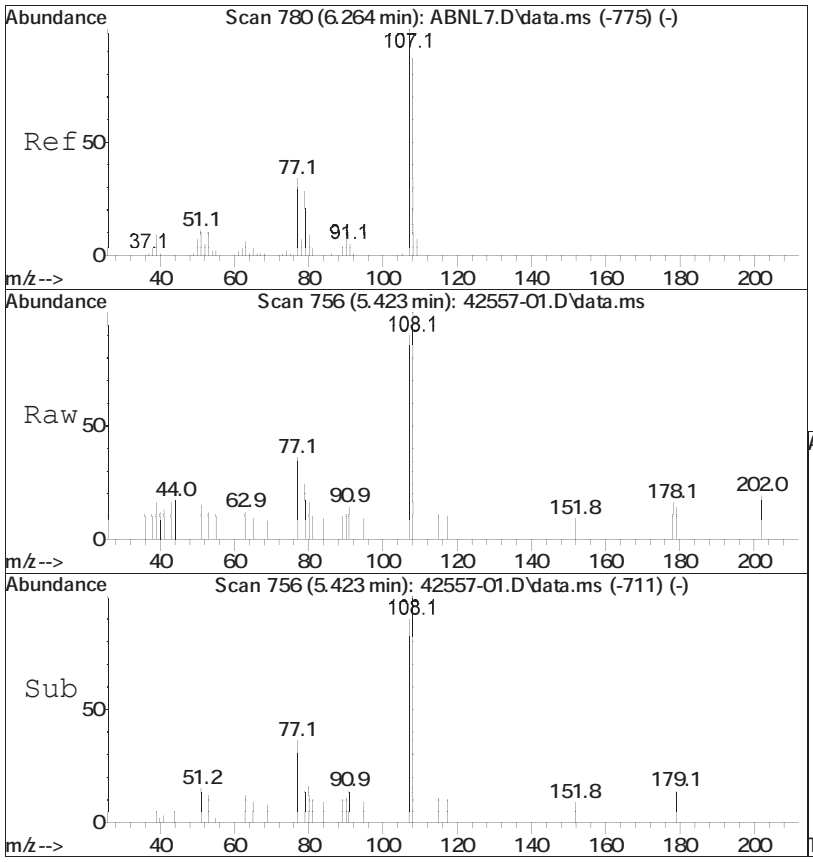


#36
Naphthalene
Concen: 7.93 ug/ml
RT: 6.211 min Scan# 890
Delta R.T. 0.006 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:128 Resp: 102602

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	11.3	16.9

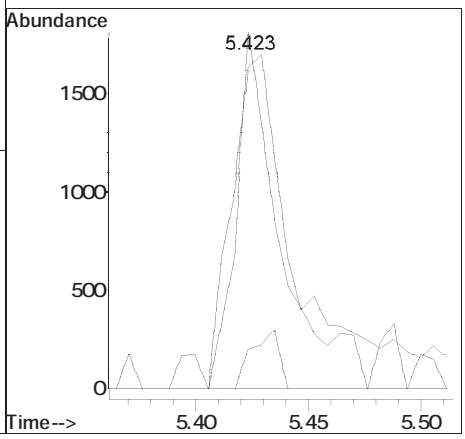




#18
3-Methylphenol/4-Methylphenol
Concen: 0.70 ug/ml
RT: 5.423 min Scan# 756
Delta R.T. 0.012 min
Lab File: 42557-01.D
Acq: 13 Jul 2025 11:36 pm

Tgt Ion:108 Resp: 2478

Ion	Ratio	Lower	Upper
108	100		
107	142.7	88.2	132.2#
90	0.0	8.5	12.7#

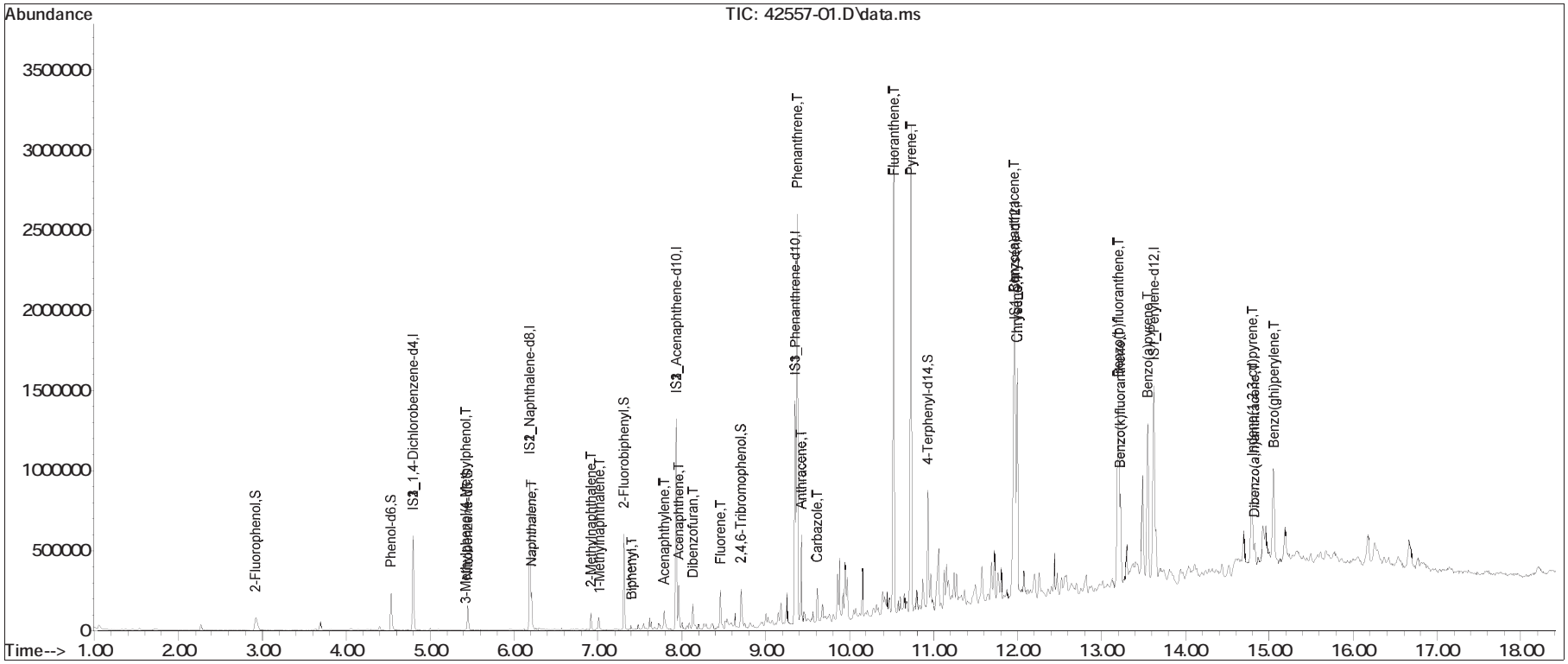


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Acq On : 13 Jul 2025 11:36 pm
Operator : Mork:jg
Sample : L2542557-01,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 15 16:54:44 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90713.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Acq On : 13 Jul 2025 11:36 pm
Operator : Mork:jg
Sample : L2542557-01,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 15 16:54:44 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Acq On : 13 Jul 2025 11:36 pm
Operator : Mork:jg
Sample : L2542557-01,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 15 16:54:44 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	7.962	154	56543	7.247	ug/ml	90
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	8.132	168	60279	4.686	ug/ml	96
68) 2,4-Dinitrotoluene	0.000		0	N.D. d		
69) 4-Nitrophenol	0.000		0	N.D. d		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	8.461	166	60598M6	5.897	ug/ml	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D. d		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D. d		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	9.378	178	903794	57.143	ug/ml	99
90) Anthracene	9.425	178	205866M3	12.987	ug/ml	
91) Carbazole	9.607	167	90338	6.215	ug/ml	97
92) Di-n-butylphthalate	0.000		0	N.D. d		
93) Fluoranthene	10.523	202	1199137	60.725	ug/ml	97
95) Pyrene	10.729	202	1124619	54.571	ug/ml	95
97) Butyl benzyl phthalate	0.000		0	N.D. d		
105) Benzo(a)anthracene	11.963	228	563848M3	31.369	ug/ml	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D. d		
107) Chrysene	11.998	228	509137	30.467	ug/ml	95
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d		
109) Di-n-octylphthalate	0.000		0	N.D. d		
110) Benzo(b)fluoranthene	13.197	252	656480M6	35.520	ug/ml	
111) Benzo(k)fluoranthene	13.220	252	155127M3	8.898	ug/ml	
112) Benzo(a)pyrene	13.555	252	464221	27.738	ug/ml	99
114) Indeno(1,2,3-cd)pyrene	14.795	276	270902M6	16.063	ug/mL	
115) Dibenzo(a,h)anthracene	14.824	278	62416	3.907	ug/ml#	89
116) Benzo(ghi)perylene	15.059	276	273899	17.689	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Acq On : 13 Jul 2025 11:36 pm
Operator : Mork:jg
Sample : L2542557-01,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 15 16:54:44 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	10.929	244	249445	15.585	ug/ml	0.01

Spiked Amount 25.000 Range 30 - 130 Recovery = 62.34%

Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D. d	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D. d	
16) Hexachloroethane	0.000		0	N.D. d	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	5.423	108	2478	0.703 ug/ml#	69
20) Nitrobenzene	0.000		0	N.D. d	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D. d	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
28) Benzaldehyde	0.000		0	N.D. d	
29) Acetophenone	0.000		0	N.D. d	
33) 1,4-Dioxane	0.000		0	N.D. d	
36) Naphthalene	6.211	128	102602	7.927 ug/ml	99
38) 4-Chloroaniline	0.000		0	N.D.	
39) Hexachlorobutadiene	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
41) 2-Methylnaphthalene	6.922	142	28042	3.163 ug/ml	87
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
47) 2-Chloronaphthalene	0.000		0	N.D. d	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D. d	
52) Acenaphthylene	7.785	152	56250	3.822 ug/ml	97
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
60) Caprolactam	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	7.397	154	8998	0.784 ug/ml#	90

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250713\
Data File : 42557-01.D
Acq On : 13 Jul 2025 11:36 pm
Operator : Mork:jg
Sample : L2542557-01,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 15 16:54:44 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

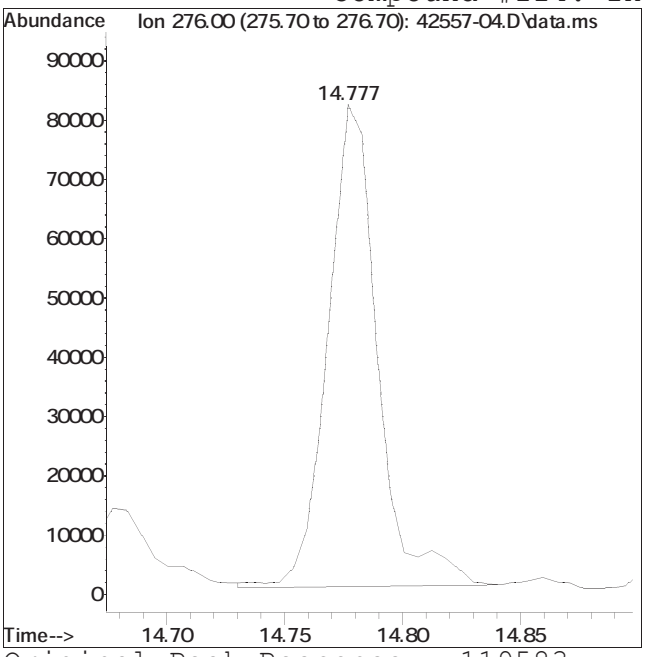
CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.800	152	119147	40.000	ug/ml		0.00
Standard Area 1 = 108213			Recovery = 110.10%				
27) IS2_1,4-Dichlorobenzen...	4.800	152	119147	40.000	ug/ml		0.00
Standard Area 3 = 106753			Recovery = 111.61%				
32) IS3_1,4-Dichlorobenzen...	4.800	152	119147	40.000	ug/ml		0.00
Standard Area 2 = 101203			Recovery = 117.73%				
35) IS1_Naphthalene-d8	6.187	136	486403	40.000	ug/ml	#	0.00
Standard Area 1 = 388197			Recovery = 125.30%				
55) IS2_Naphthalene-d8	6.187	136	486403	40.000	ug/ml	#	0.00
Standard Area 3 = 398257			Recovery = 122.13%				
63) IS1_Acenaphthene-d10	7.932	164	280601	40.000	ug/ml		0.01
Standard Area 1 = 217576			Recovery = 128.97%				
83) IS2_Acenaphthene-d10	7.932	164	280601	40.000	ug/ml		0.01
Standard Area 3 = 221106			Recovery = 126.91%				
86) IS3_Acenaphthene-d10	7.932	164	280601	40.000	ug/ml		0.01
Standard Area 2 = 219855			Recovery = 127.63%				
88) IS1_Phenanthrene-d10	9.354	188	572165	40.000	ug/ml		0.01
Standard Area 1 = 432273			Recovery = 132.36%				
100) IS3_Phenanthrene-d10	9.354	188	572165	40.000	ug/ml		0.01
Standard Area 2 = 423484			Recovery = 135.11%				
104) IS1_Chrysene-d12	11.975	240	535003	40.000	ug/ml	#	0.02
Standard Area 1 = 474634			Recovery = 112.72%				
113) IS1_Perylene-d12	13.626	264	551661	40.000	ug/ml		0.04
Standard Area 1 = 555852			Recovery = 99.25%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.920	112	59353	18.726	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 37.45%				
7) Phenol-d6	4.530	99	100746	24.361	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 48.72%				
19) Nitrobenzene-d5	5.447	82	51653	14.018	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 56.07%				
46) 2-Fluorobiphenyl	7.309	172	171072	14.836	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 59.34%				
79) 2,4,6-Tribromophenol	8.702	330	18808	9.351	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 18.70%				

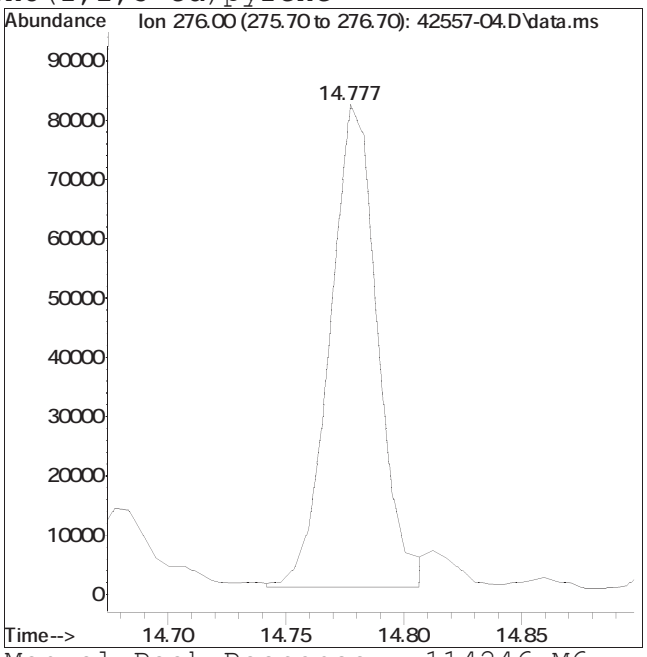
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 119583



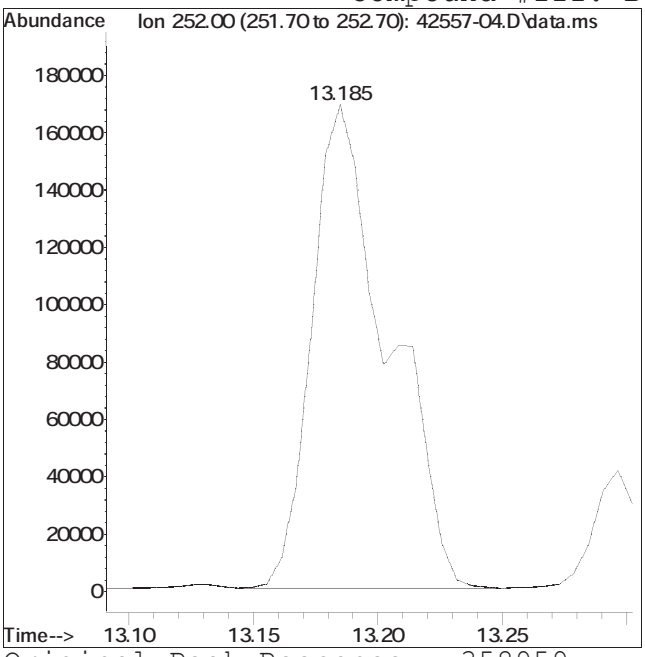
Manual Peak Response = 114246 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

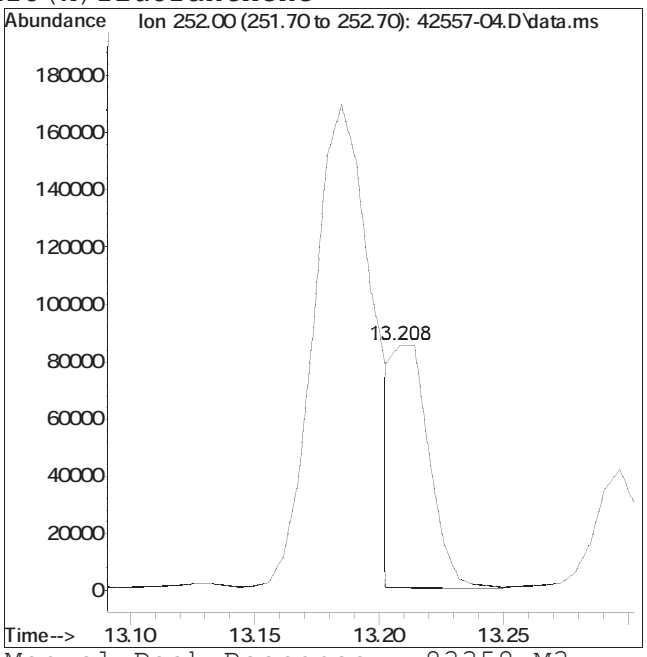
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #111: Benzo(k)fluoranthene



Original Peak Response = 358959



Manual Peak Response = 83358 M3

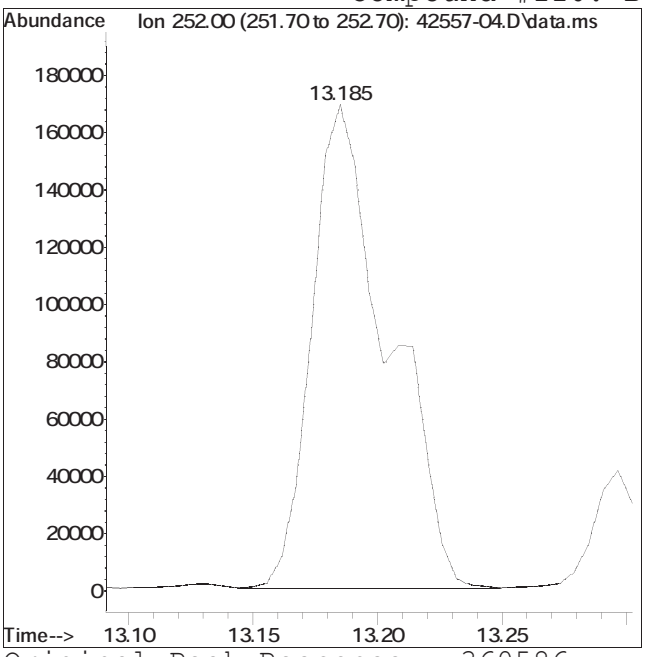
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

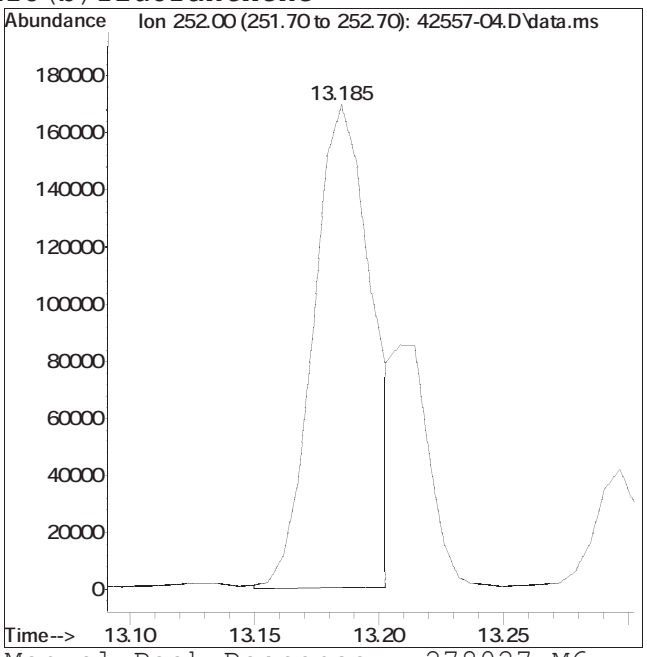
Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Date Inj'd : 7/13/2025 10:26 pm
Sample : L2542557-04,32,,R3F,cmm

QMethod : FS241110Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 7/13/2025 10:45 pm

Compound #110: Benzo(b)fluoranthene



Original Peak Response = 360586



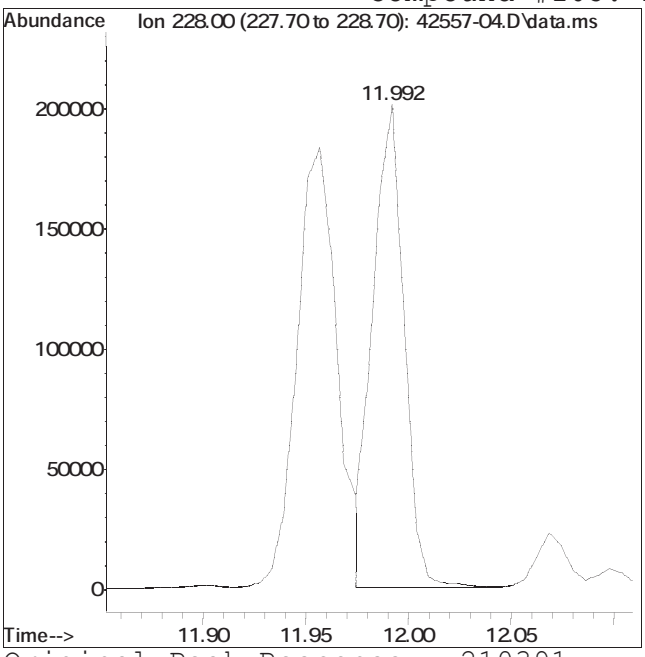
Manual Peak Response = 278027 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

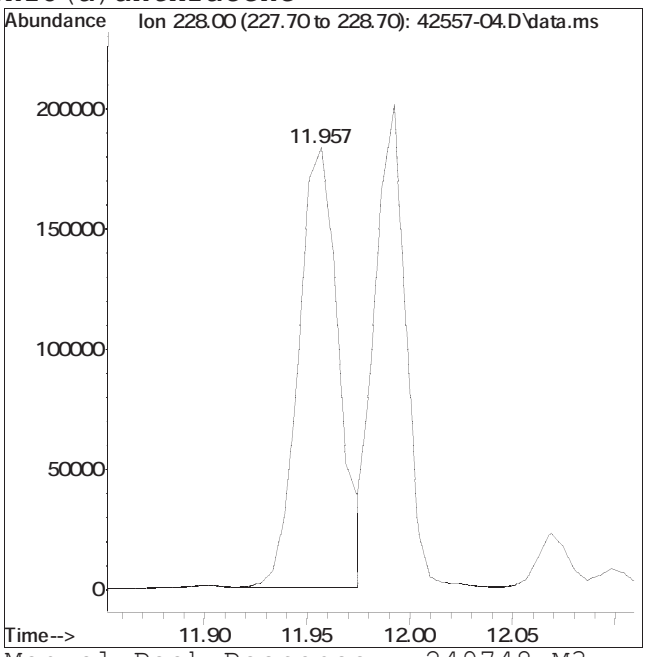
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #105: Benzo(a)anthracene



Original Peak Response = 210391



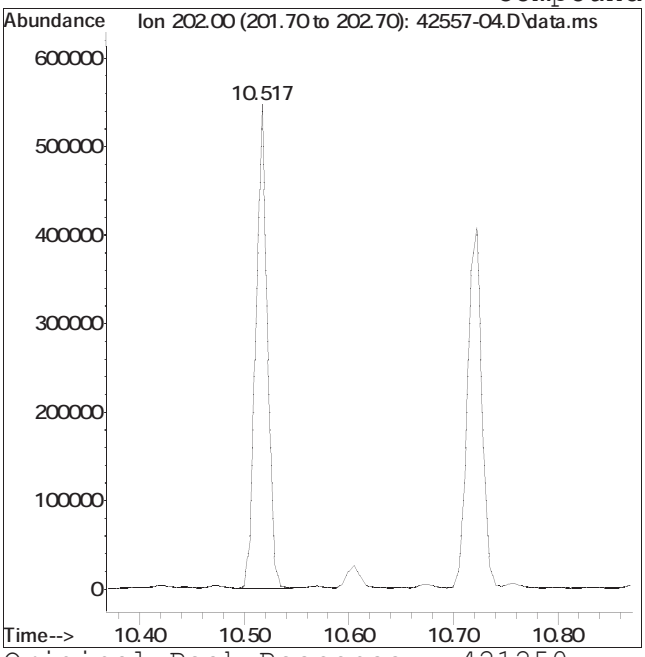
Manual Peak Response = 249748 M3

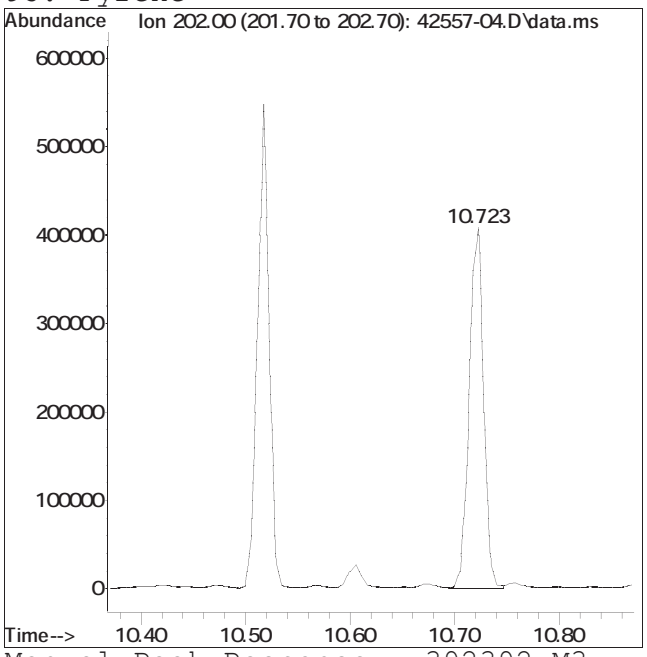
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #95: Pyrene





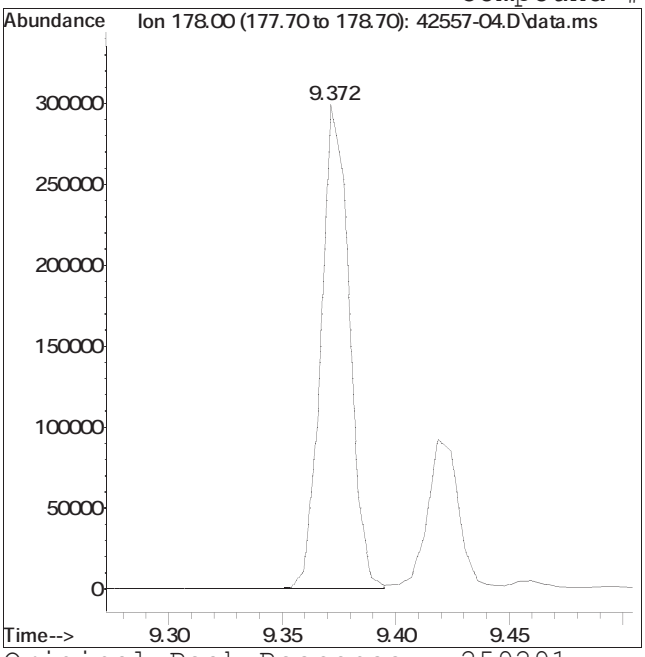
Original Peak Response = 421250 Manual Peak Response = 392392 M3

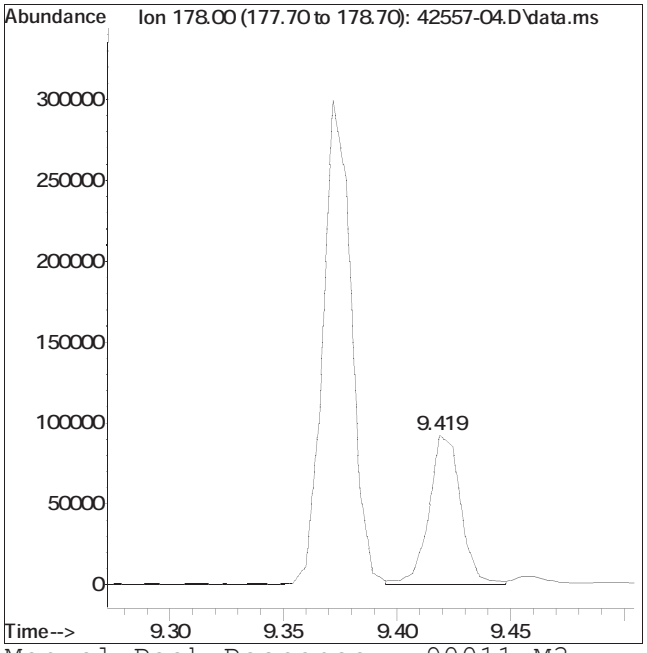
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #90: Anthracene





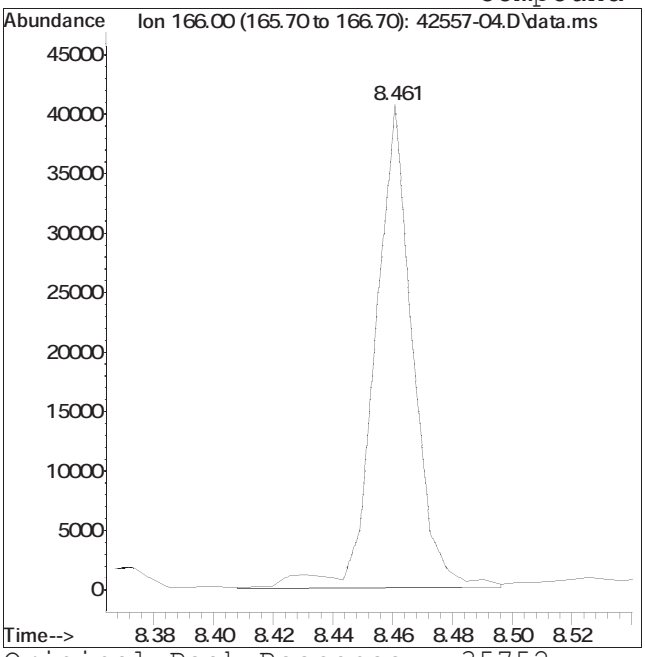
Original Peak Response = 259291 Manual Peak Response = 90011 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

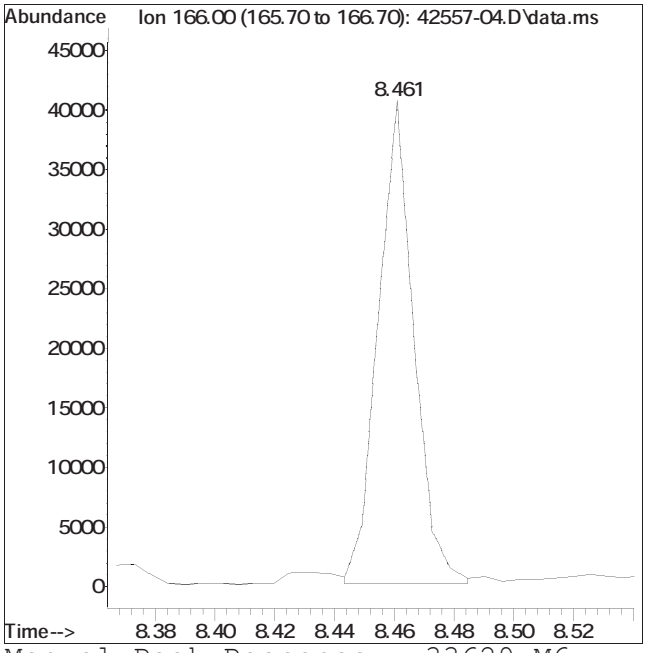
Manual Integration Report

Data Path	: I:\8270\Mork\250713\	QMethod	: FS241110Mork.m
Data File	: 42557-04.D	Operator	: Mork:jg
Date Inj'd	: 7/13/2025 10:26 pm	Instrument	: Mork
Sample	: L2542557-04,32,,R3F,cmm	Quant Date	: 7/13/2025 10:45 pm

Compound #73: Fluorene

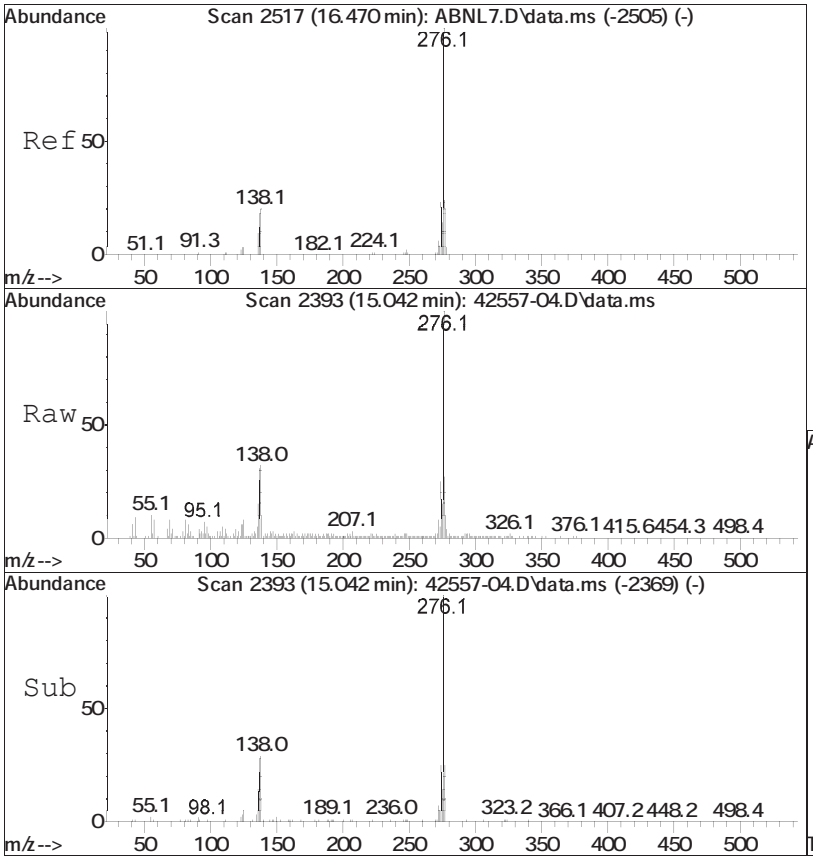


Original Peak Response = 35752



Manual Peak Response = 33629 M6

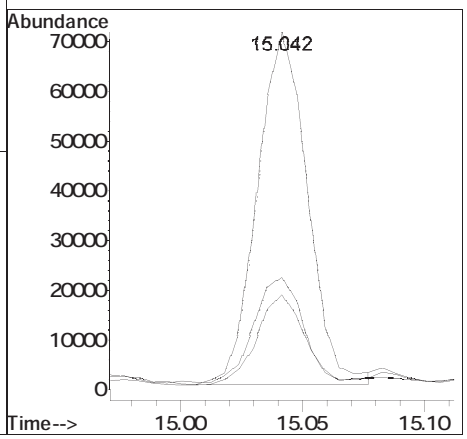
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

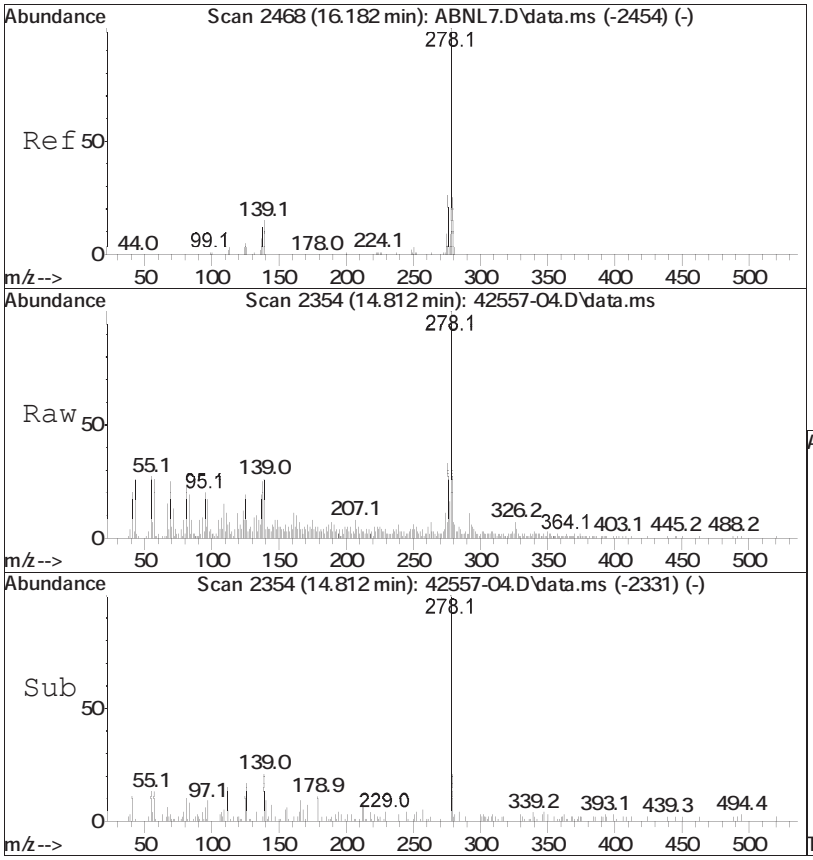


#116
Benzo(ghi)perylene
Concen: 5.68 ug/ml
RT: 15.042 min Scan# 2393
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:276 Resp: 100574

Ion	Ratio	Lower	Upper
276	100		
138	29.6	26.1	39.1
277	25.2	19.4	29.0

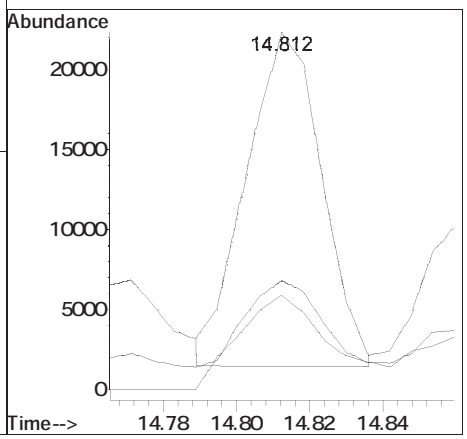


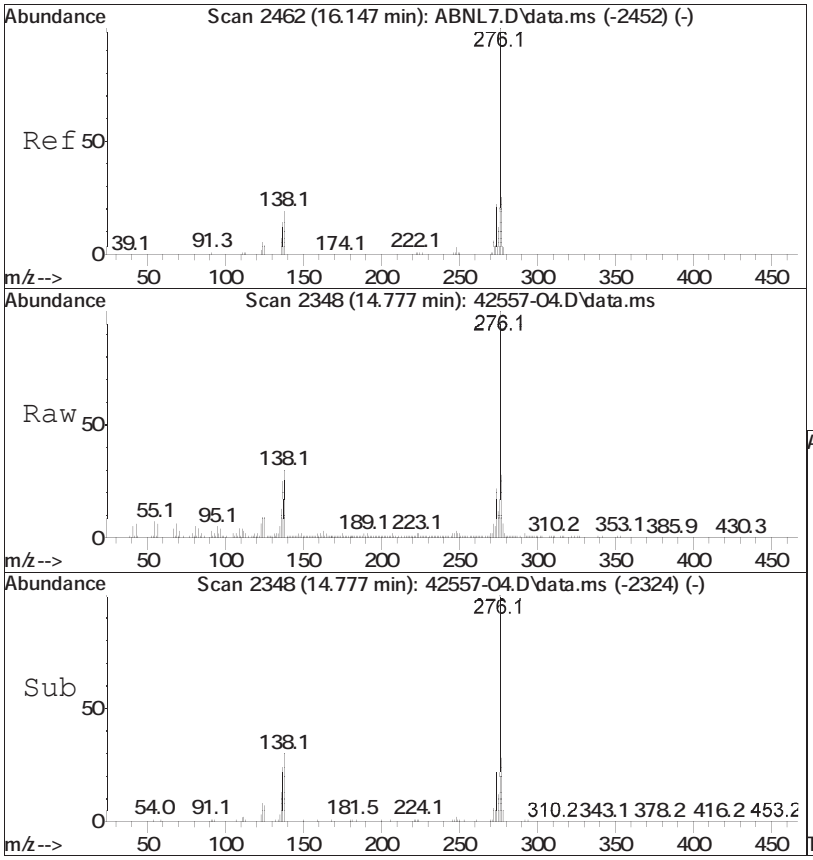


#115
Dibenzo(a,h)anthracene
Concen: 1.63 ug/ml
RT: 14.812 min Scan# 2354
Delta R.T. 0.012 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:278 Resp: 29757

Ion	Ratio	Lower	Upper
278	100		
139	35.1	18.2	27.4#
279	26.1	19.3	28.9

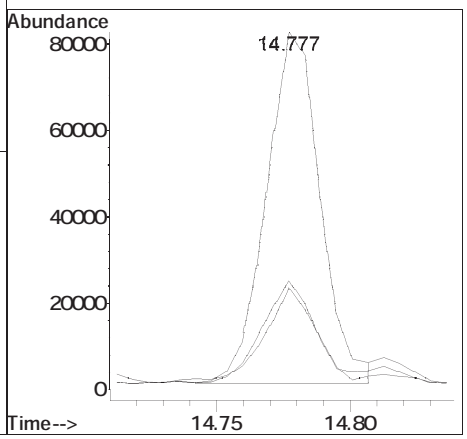


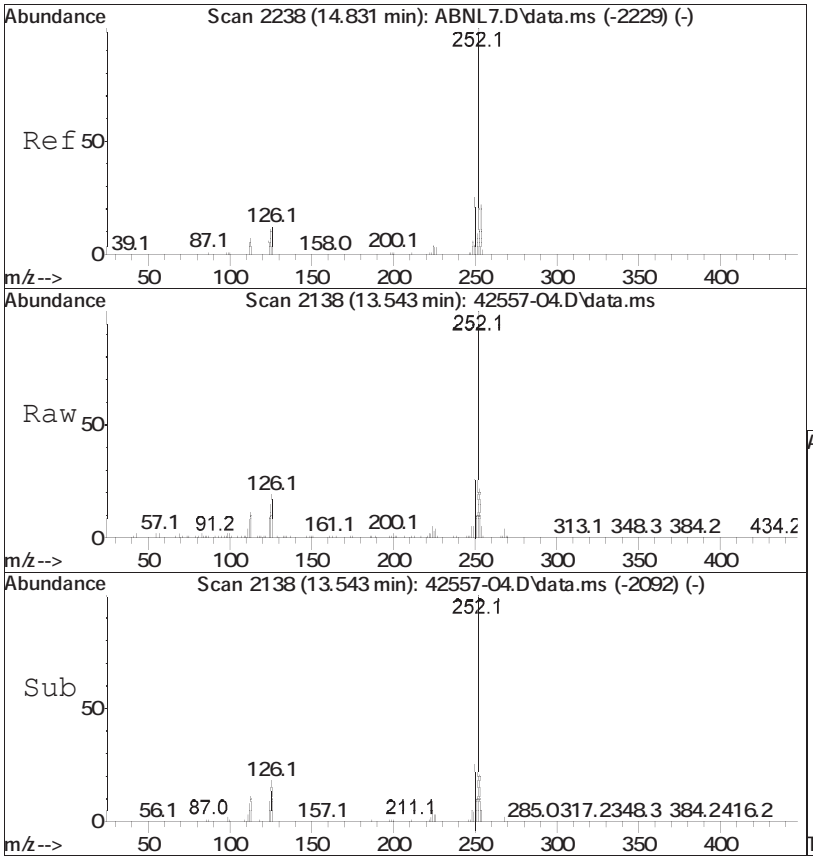


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.92 ug/mL M6
RT: 14.777 min Scan# 2348
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:276 Resp: 114246

Ion	Ratio	Lower	Upper
276	100		
138	30.8	26.7	40.1
277	28.5	20.4	30.6

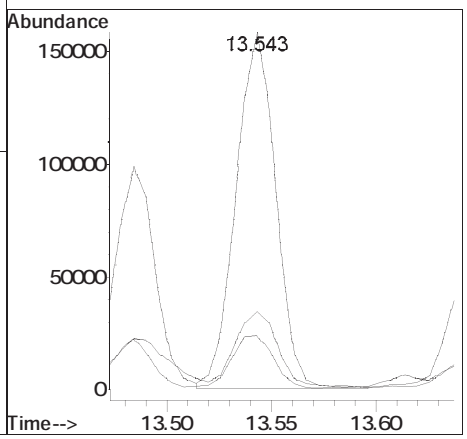


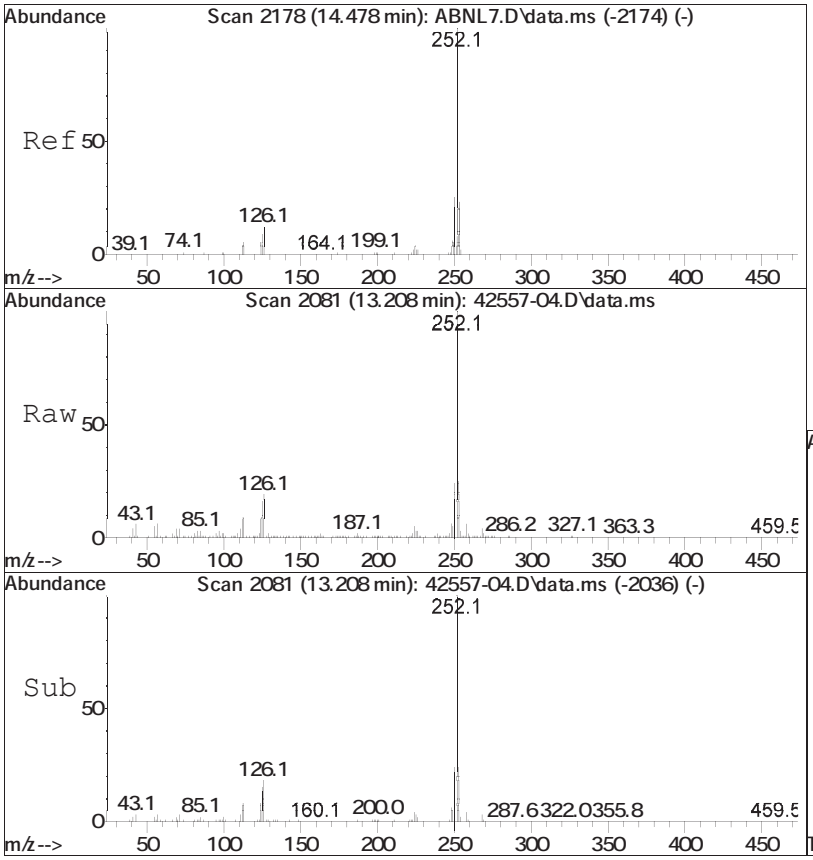


#112
Benzo(a)pyrene
Concen: 10.72 ug/ml
RT: 13.543 min Scan# 2138
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:252 Resp: 207298

Ion	Ratio	Lower	Upper
252	100		
125	15.6	13.3	19.9
253	23.5	18.2	27.4

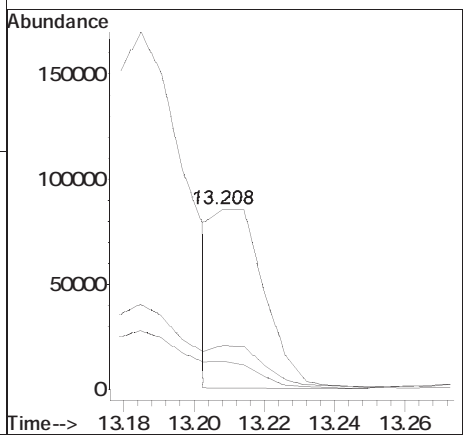


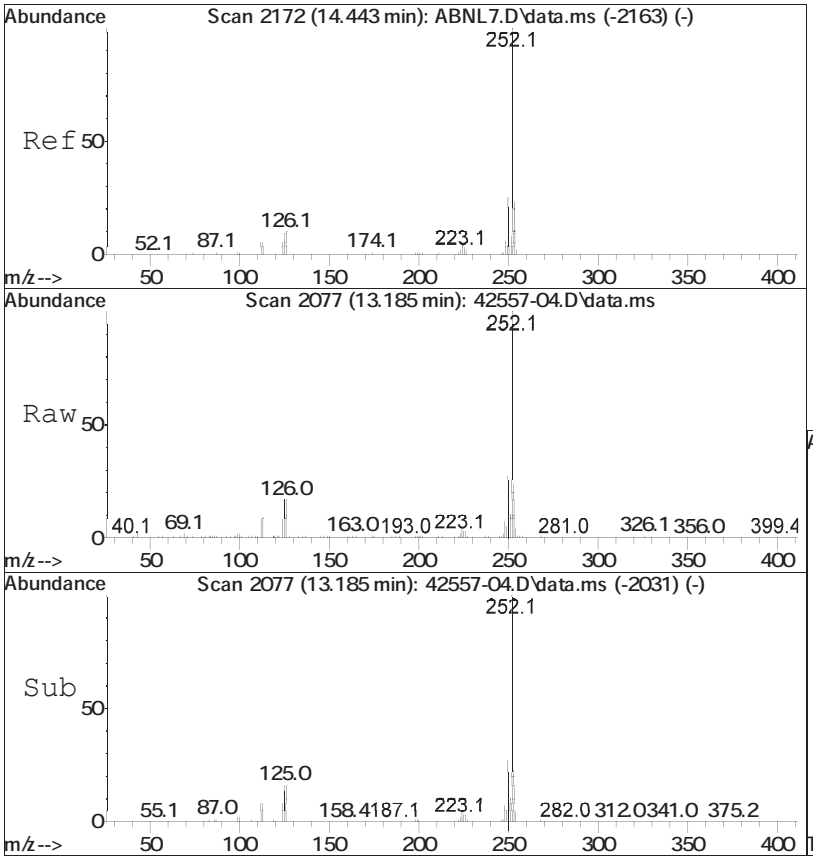


#111
Benzo(k)fluoranthene
Concen: 4.14 ug/ml M3
RT: 13.208 min Scan# 2081
Delta R.T. 0.012 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:252 Resp: 83358

Ion	Ratio	Lower	Upper
252	100		
125	68.1	12.1	18.1#
253	98.3	18.1	27.1#

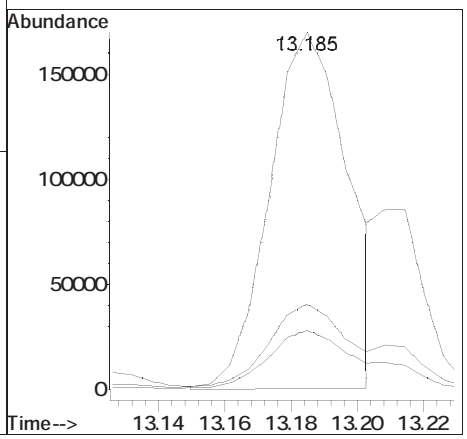


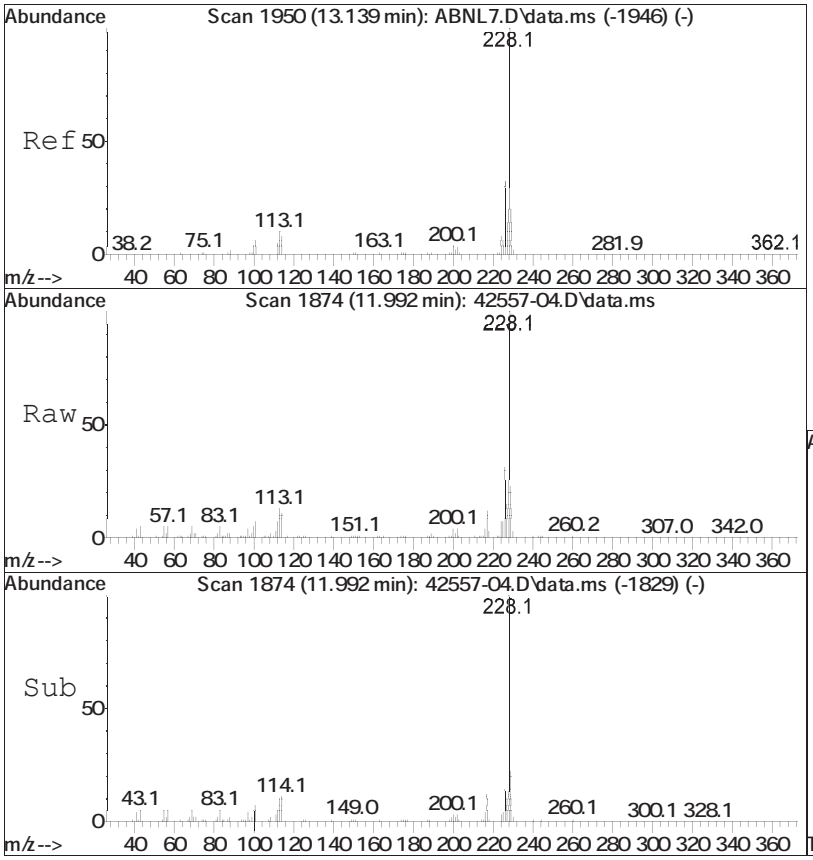


#110
Benzo(b)fluoranthene
Concen: 13.02 ug/ml M6
RT: 13.185 min Scan# 2077
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:252 Resp: 278027

Ion	Ratio	Lower	Upper
252	100		
125	20.5	12.6	18.8#
253	30.2	18.2	27.2#

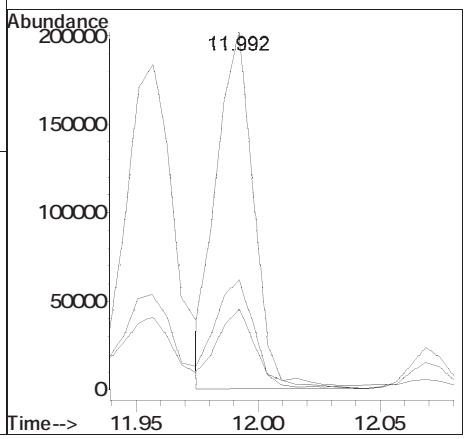


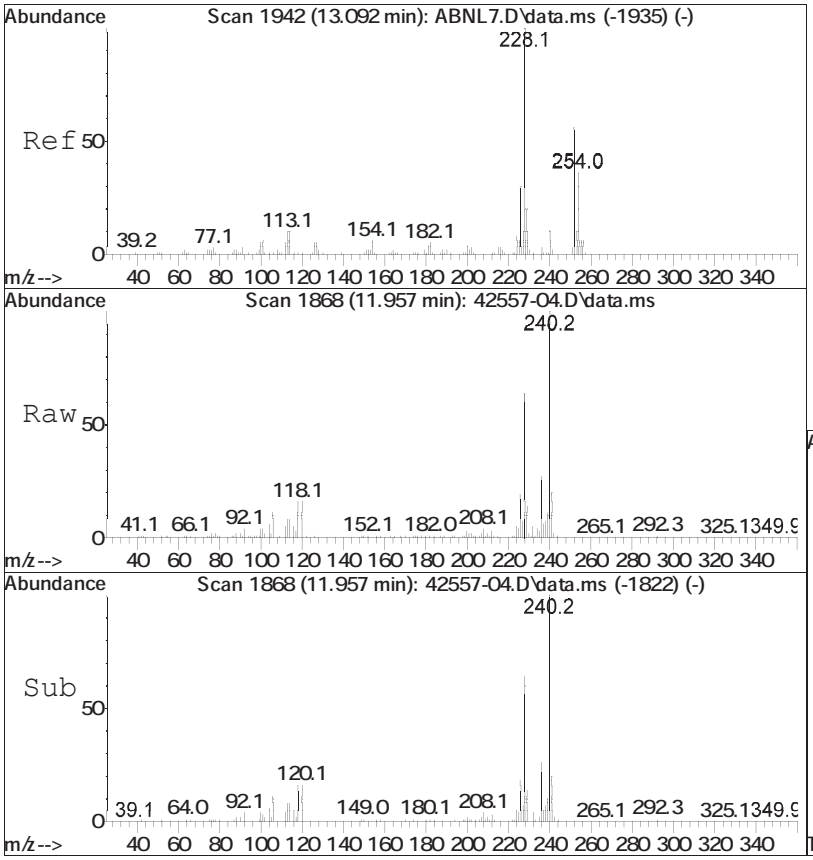


#107
Chrysene
Concen: 10.93 ug/ml
RT: 11.992 min Scan# 1874
Delta R.T. 0.012 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:228 Resp: 210950

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	24.7	16.6	24.8

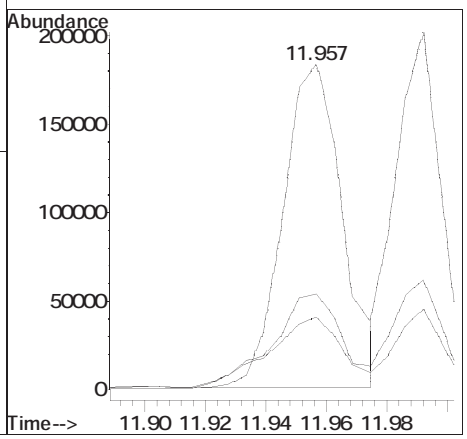


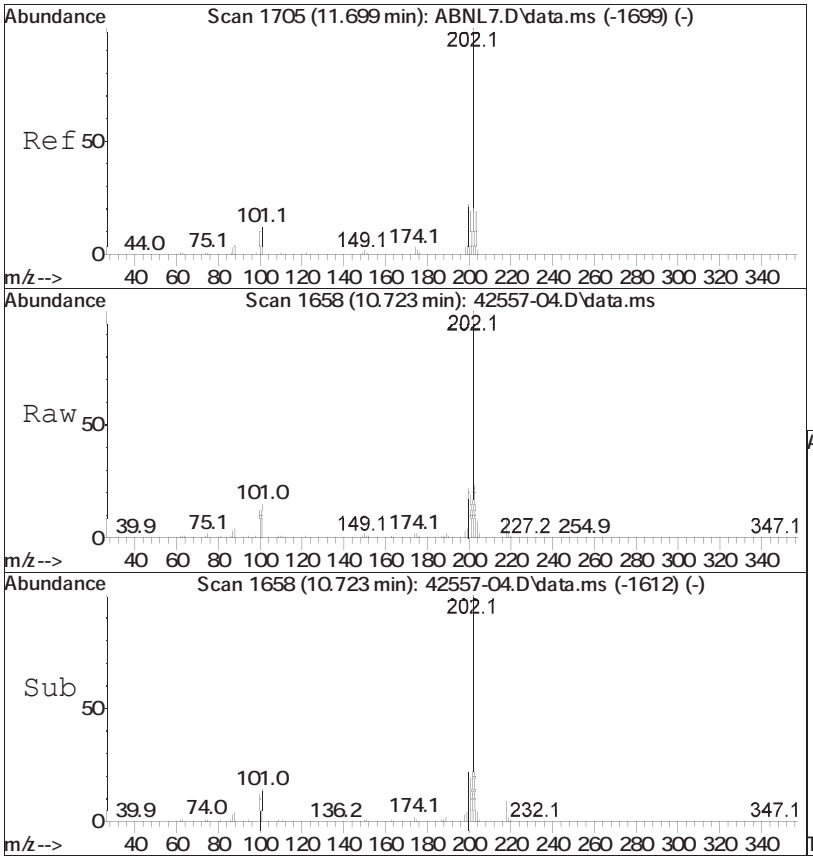


#105
Benzo(a)anthracene
Concen: 12.03 ug/ml M3
RT: 11.957 min Scan# 1868
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:228 Resp: 249748

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.9	34.3
229	19.3	16.1	24.1

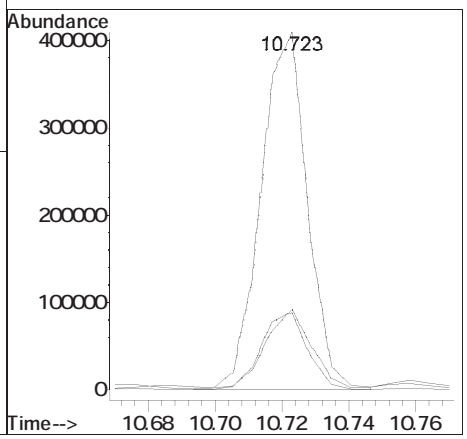


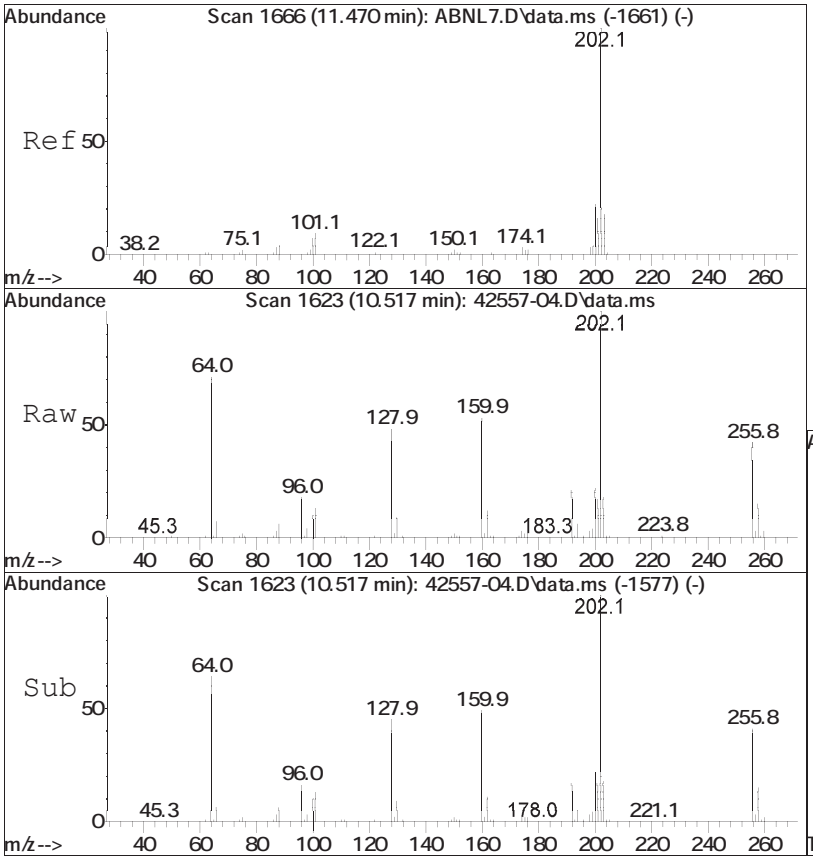


#95
Pyrene
Concen: 17.50 ug/ml M3
RT: 10.723 min Scan# 1658
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:202 Resp: 392392

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	19.2	15.0	22.6

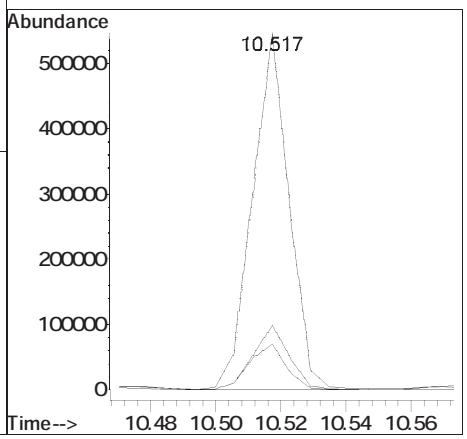


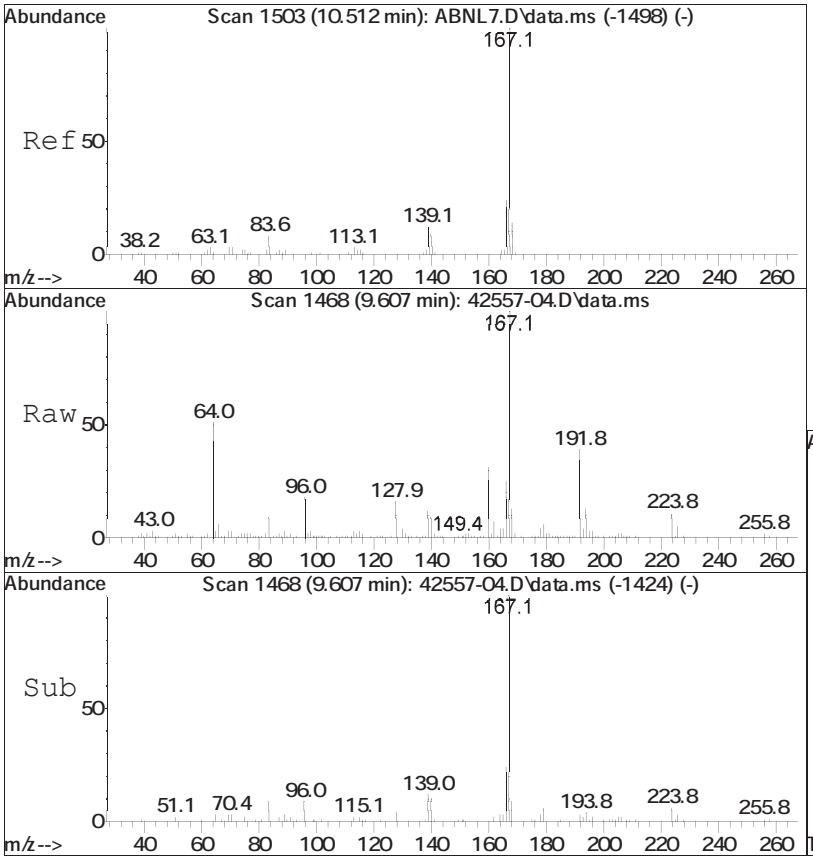


#93
Fluoranthene
Concen: 19.61 ug/ml
RT: 10.517 min Scan# 1623
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:202 Resp: 421250

Ion	Ratio	Lower	Upper
202	100		
101	13.1	12.6	19.0
203	17.9	14.4	21.6

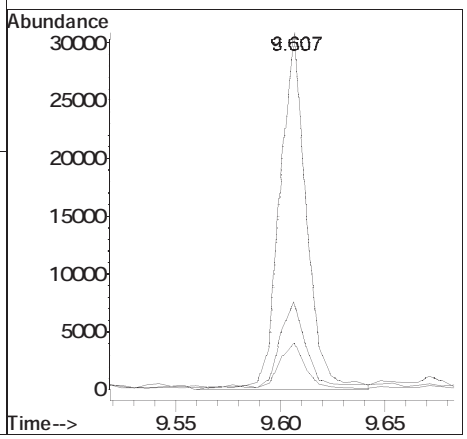


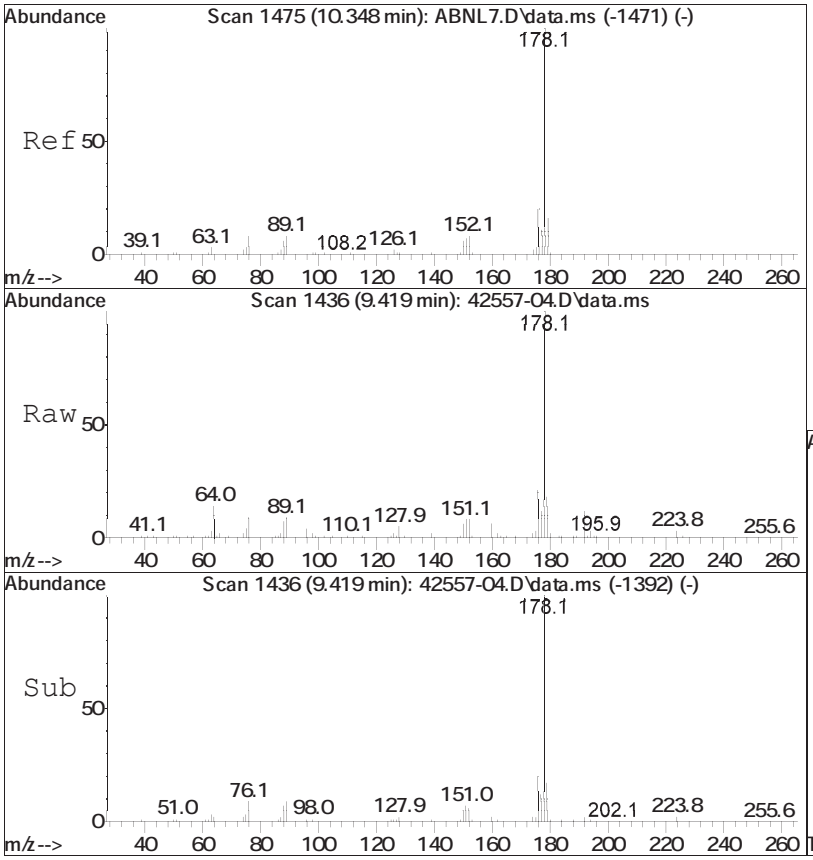


#91
Carbazole
Concen: 1.72 ug/ml
RT: 9.607 min Scan# 1468
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:167 Resp: 27201

Ion	Ratio	Lower	Upper
167	100		
168	11.9	11.3	16.9
166	23.2	17.8	26.8

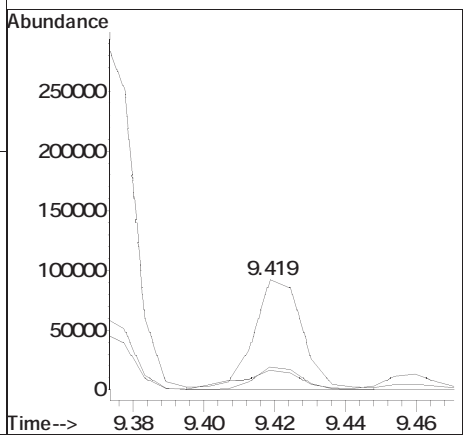


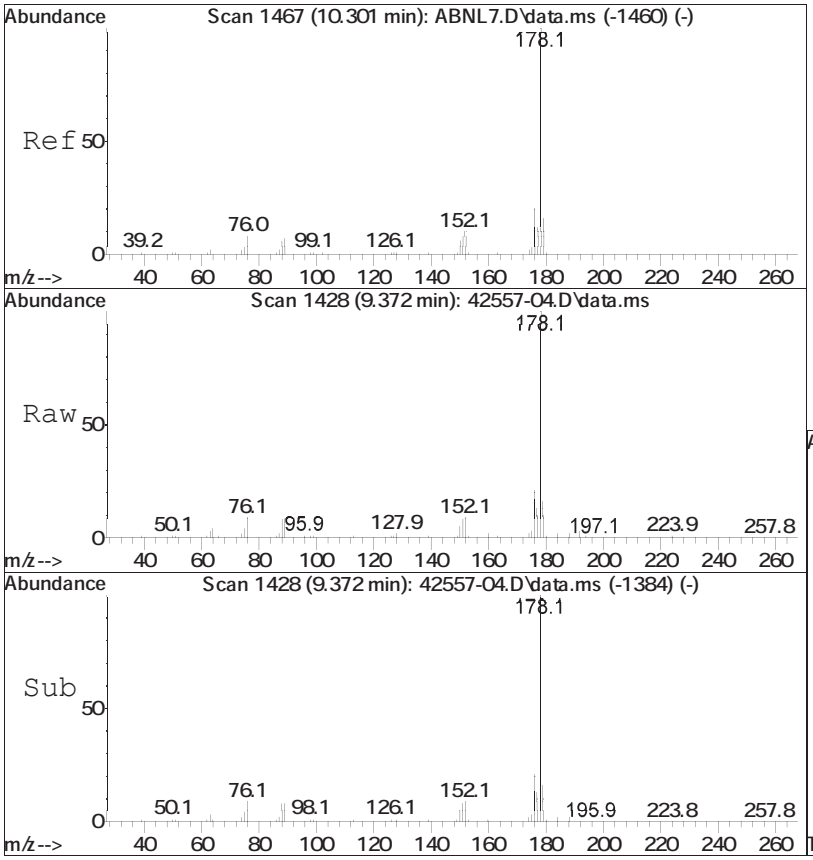


#90
Anthracene
Concen: 5.22 ug/ml M3
RT: 9.419 min Scan# 1436
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:178 Resp: 90011

Ion	Ratio	Lower	Upper
178	100		
179	46.4	12.5	18.7#
176	58.9	15.4	23.0#

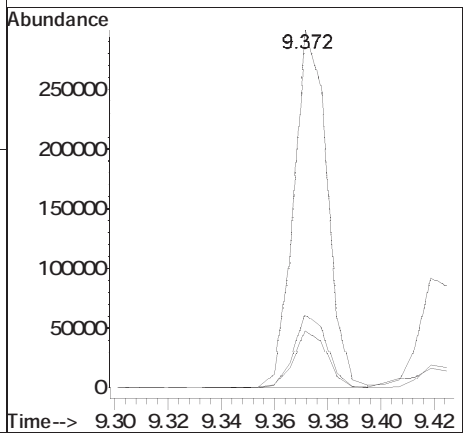


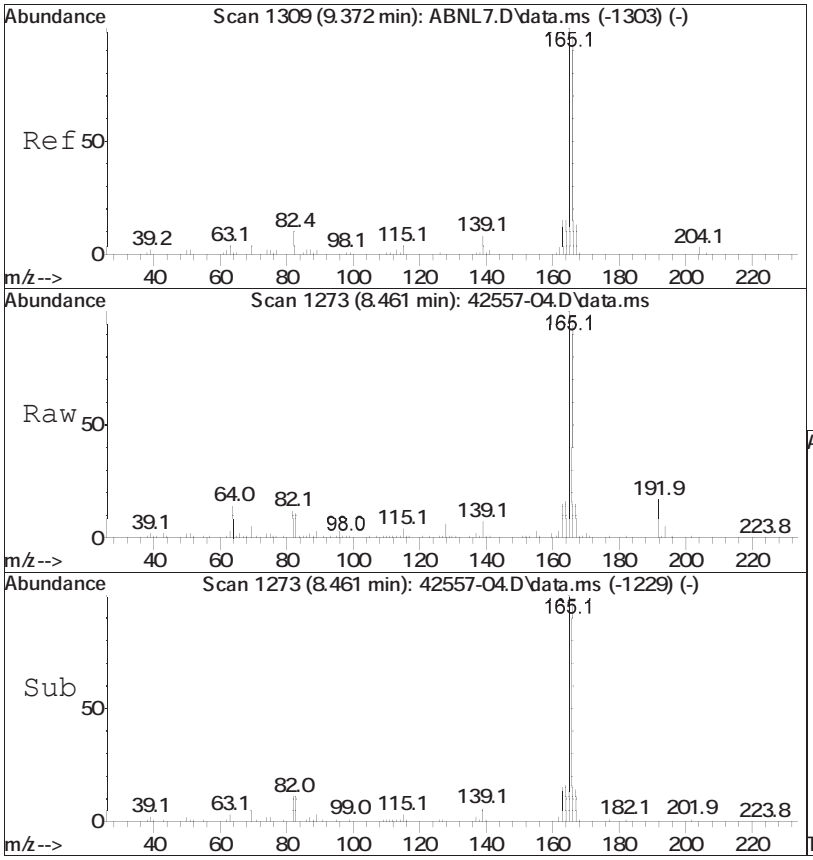


#89
Phenanthrene
Concen: 15.07 ug/ml
RT: 9.372 min Scan# 1428
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:178 Resp: 259291

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	20.4	15.8	23.6

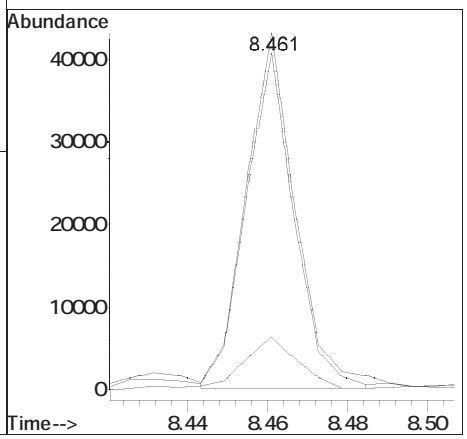


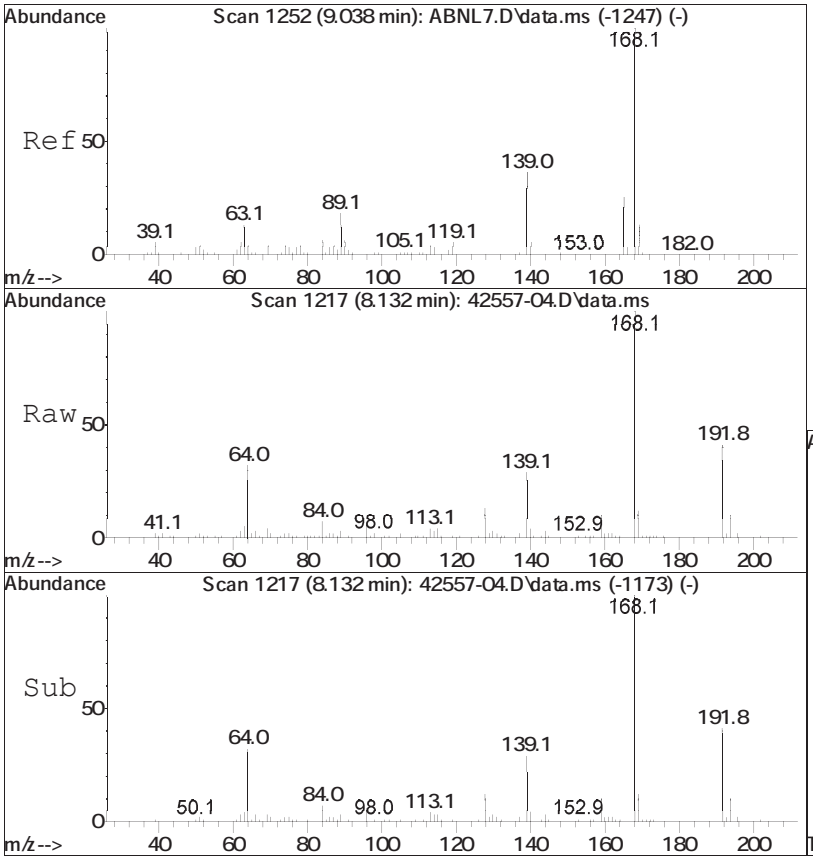


#73
Fluorene
Concen: 3.04 ug/ml M6
RT: 8.461 min Scan# 1273
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:166 Resp: 33629

Ion	Ratio	Lower	Upper
166	100		
165	115.3	77.2	115.8
167	19.8	10.9	16.3#

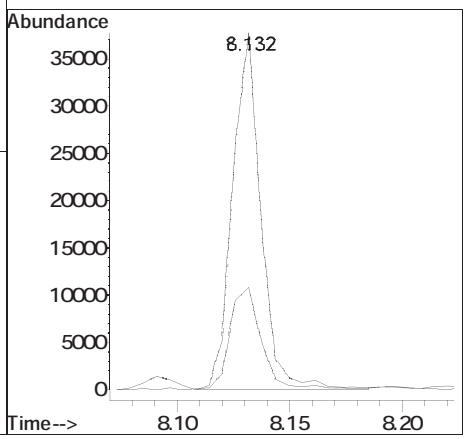


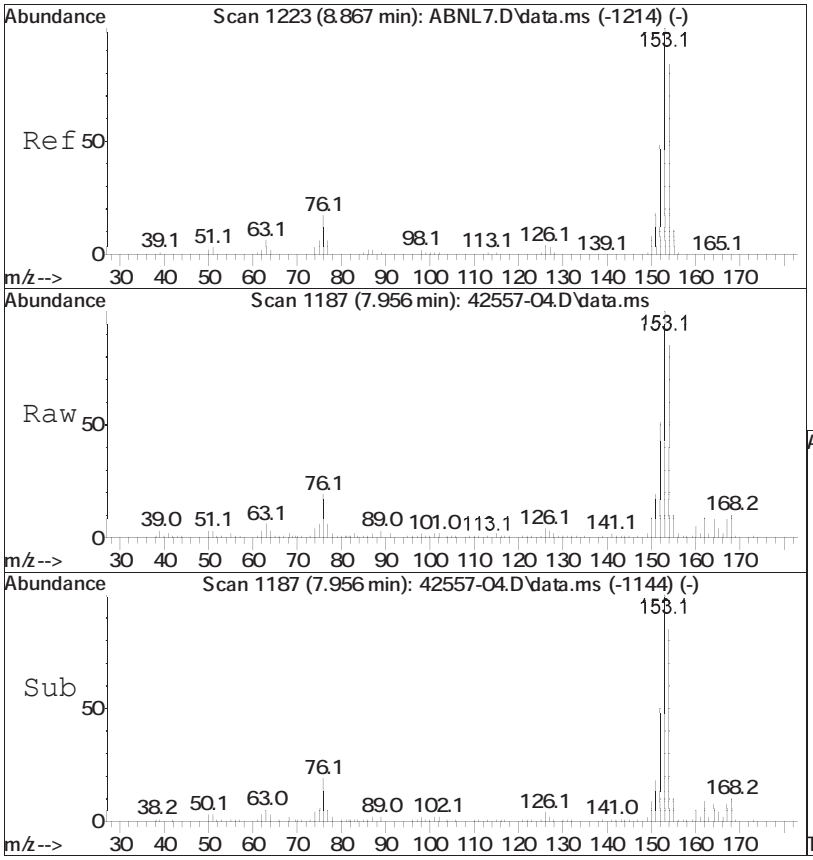


#67
Dibenzofuran
Concen: 2.37 ug/ml
RT: 8.132 min Scan# 1217
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:168 Resp: 32876

Ion	Ratio	Lower	Upper
168	100		
139	32.4	28.0	42.0

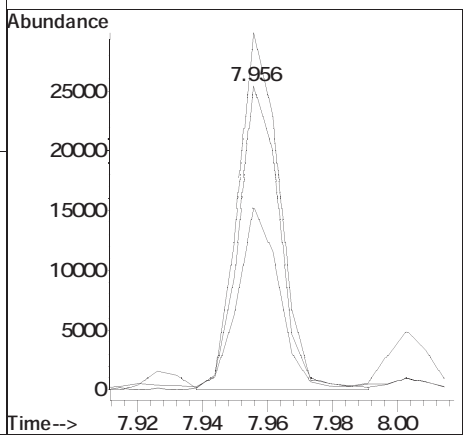


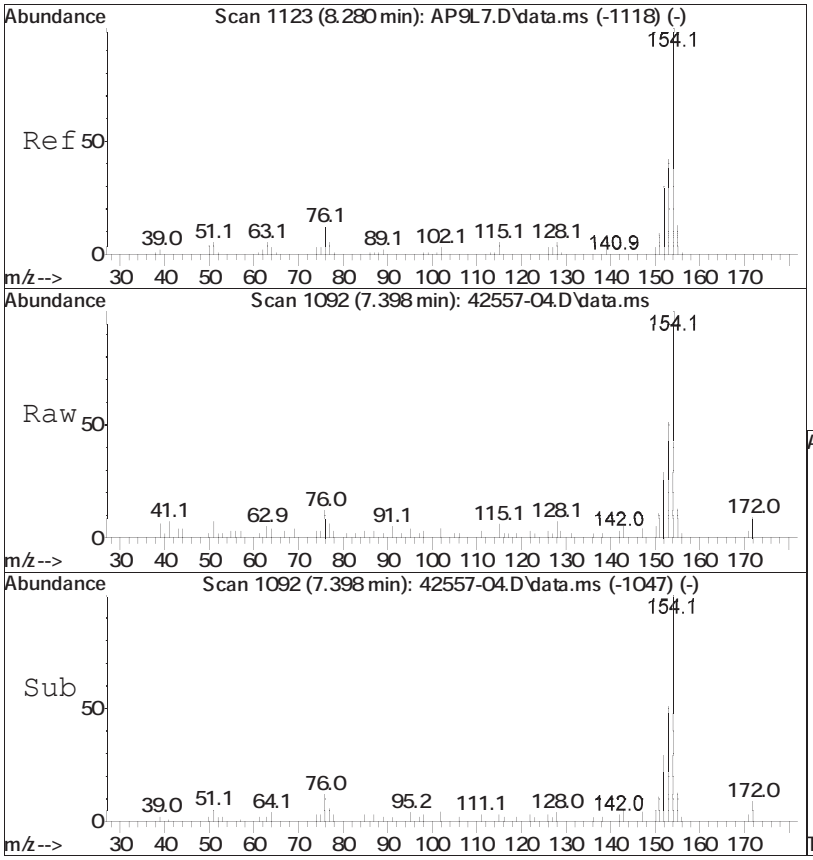


#65
Acenaphthene
Concen: 2.65 ug/ml
RT: 7.956 min Scan# 1187
Delta R.T. 0.000 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:154 Resp: 22256

Ion	Ratio	Lower	Upper
154	100		
153	119.6	89.4	134.0
152	57.2	42.2	63.2

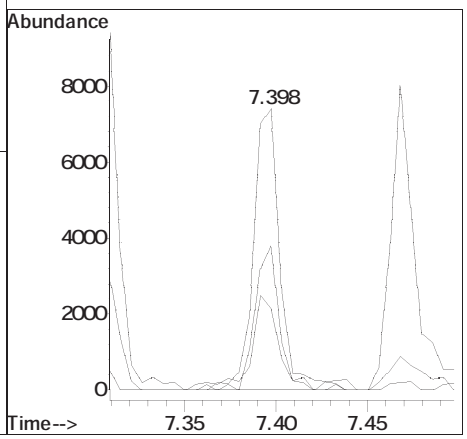


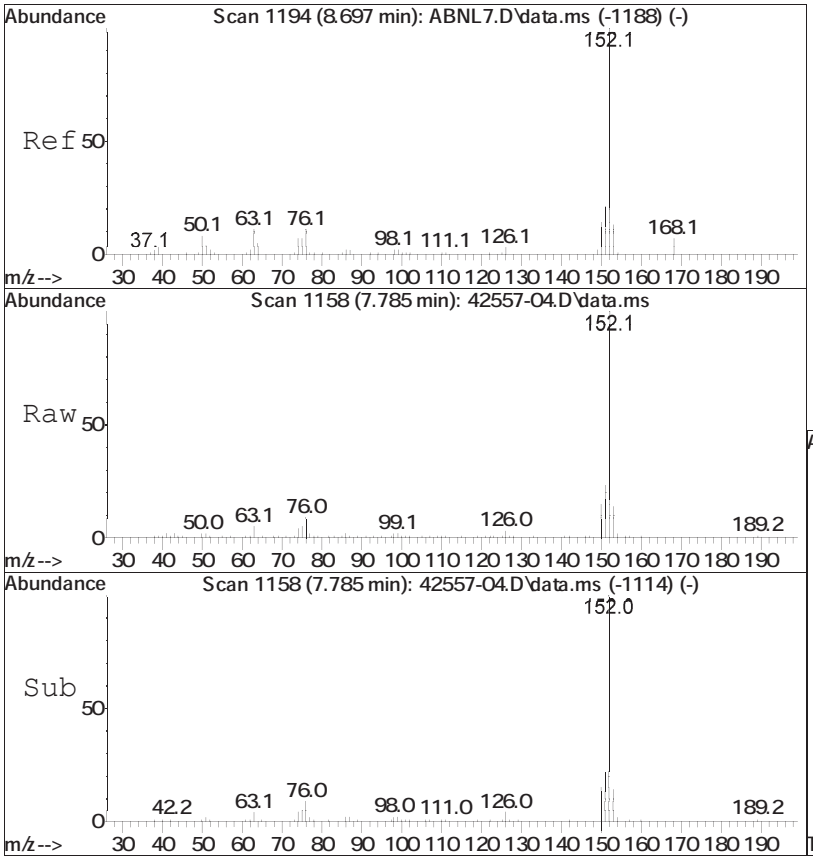


#62
Biphenyl
Concen: 0.64 ug/ml
RT: 7.398 min Scan# 1092
Delta R.T. 0.012 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:154 Resp: 7603

Ion	Ratio	Lower	Upper
154	100		
153	45.9	33.8	50.8
152	35.4	23.0	34.6#

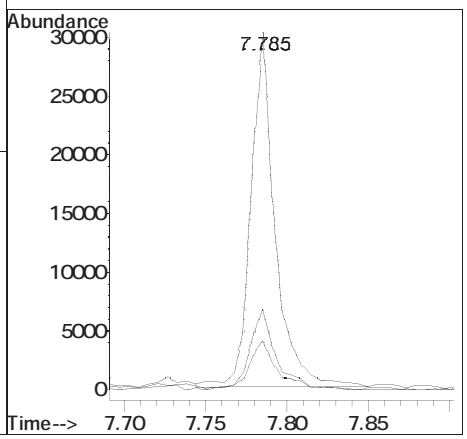


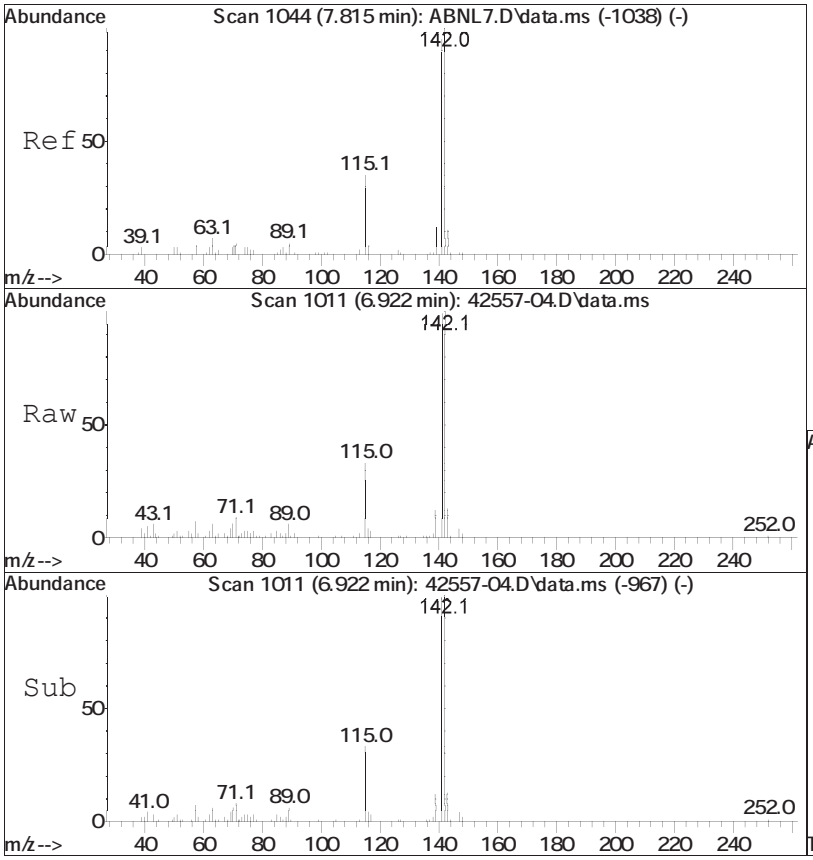


#52
Acenaphthylene
Concen: 2.02 ug/ml
RT: 7.785 min Scan# 1158
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:152 Resp: 30597

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.7	25.1#
153	17.6	11.1	16.7#

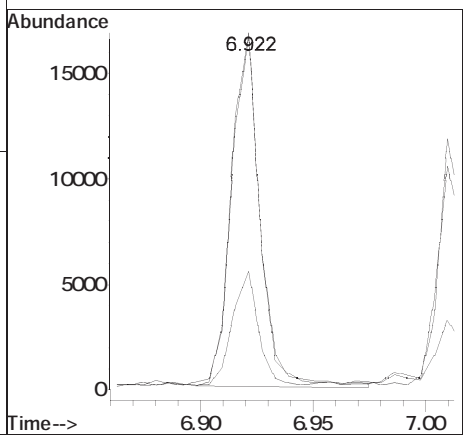


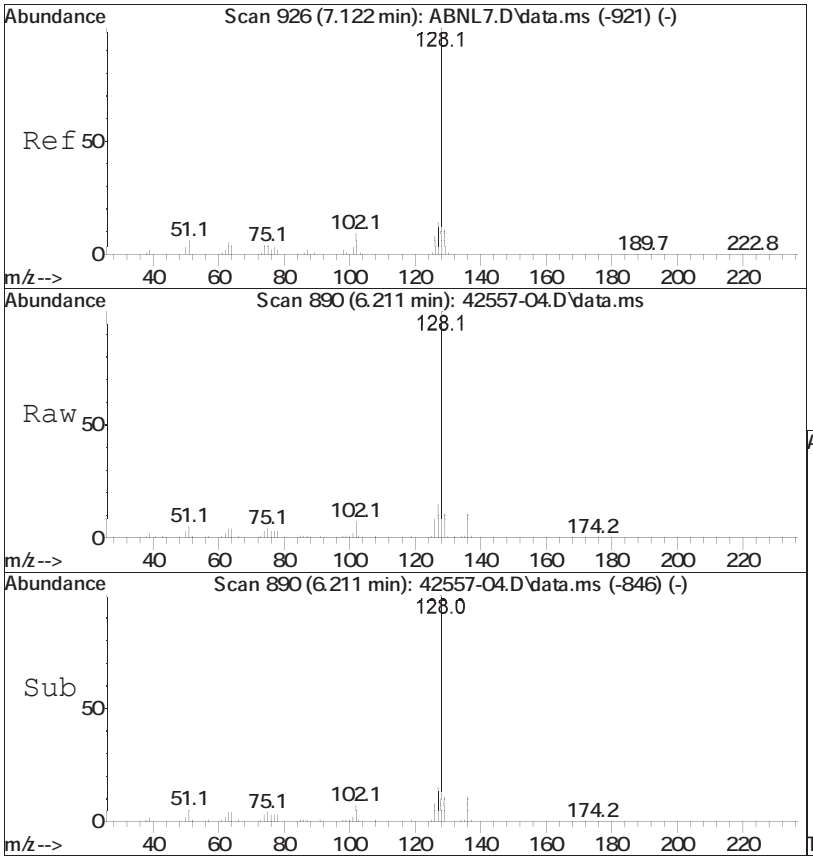


#41
2-Methylnaphthalene
Concen: 1.66 ug/ml
RT: 6.922 min Scan# 1011
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:142 Resp: 15126

Ion	Ratio	Lower	Upper
142	100		
141	100.5	69.5	104.3
115	28.8	25.4	38.2

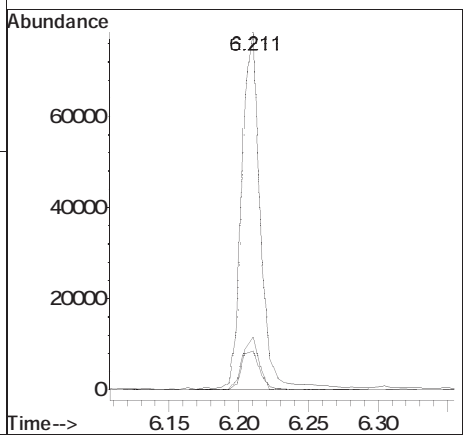


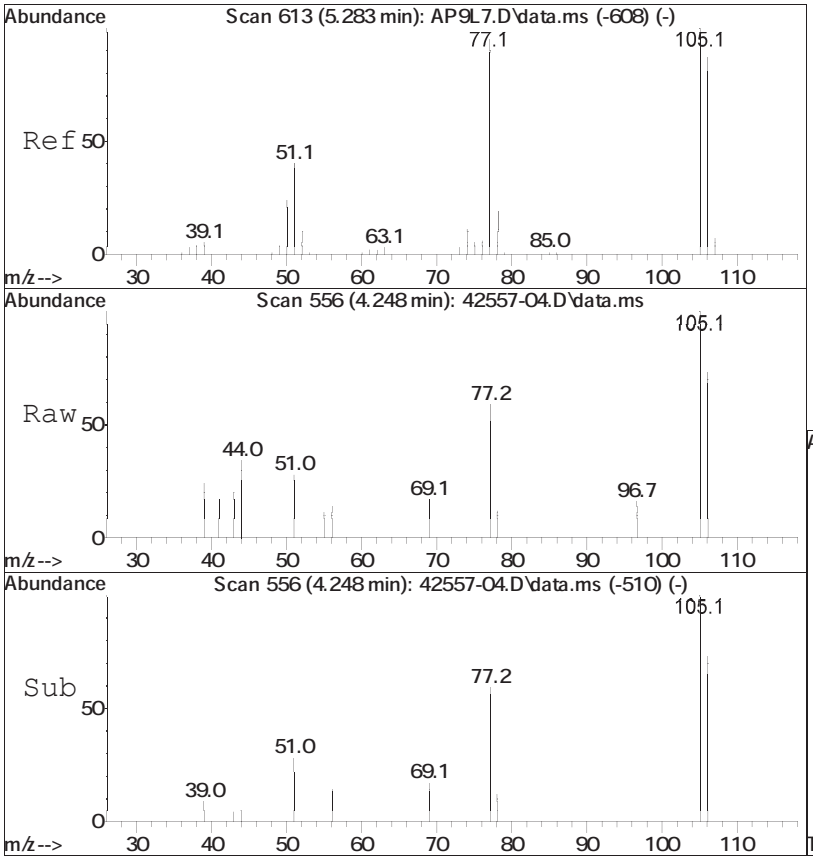


#36
Naphthalene
Concen: 5.36 ug/ml
RT: 6.211 min Scan# 890
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:128 Resp: 71399

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.0	11.3	16.9

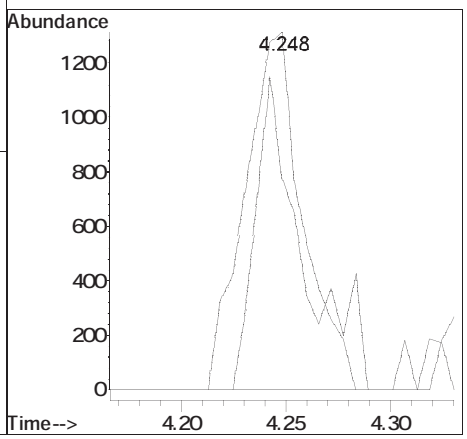


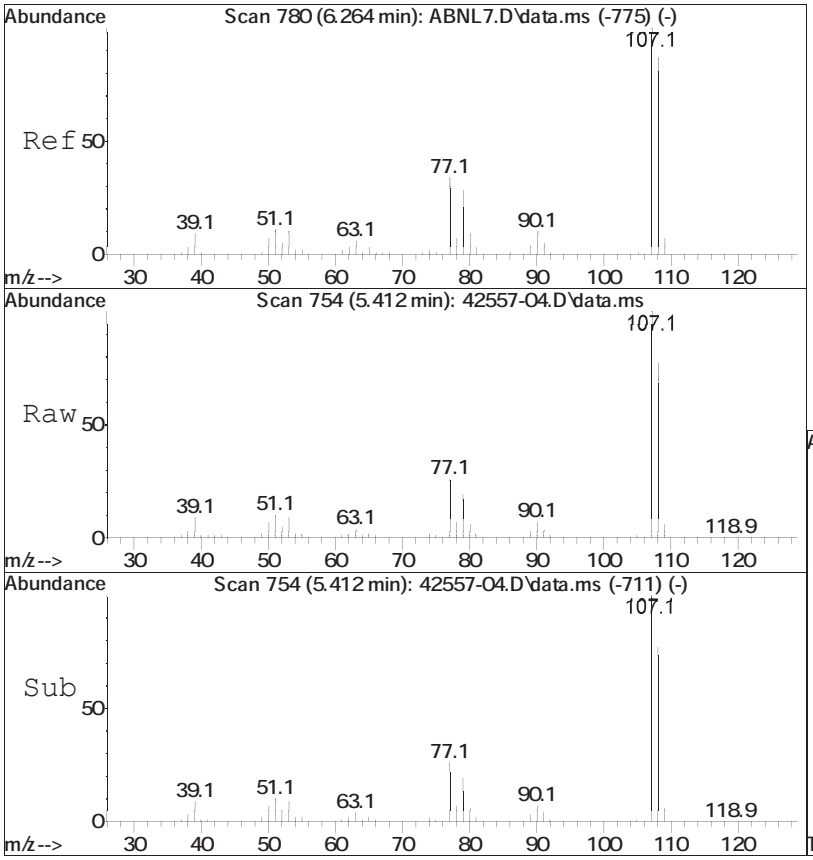


#28
Benzaldehyde
Concen: 0.80 ug/ml
RT: 4.248 min Scan# 556
Delta R.T. 0.018 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:105 Resp: 2524

Ion	Ratio	Lower	Upper
105	100		
77	57.8	79.3	118.9#

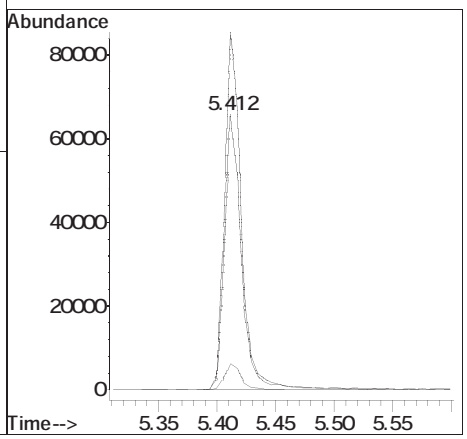


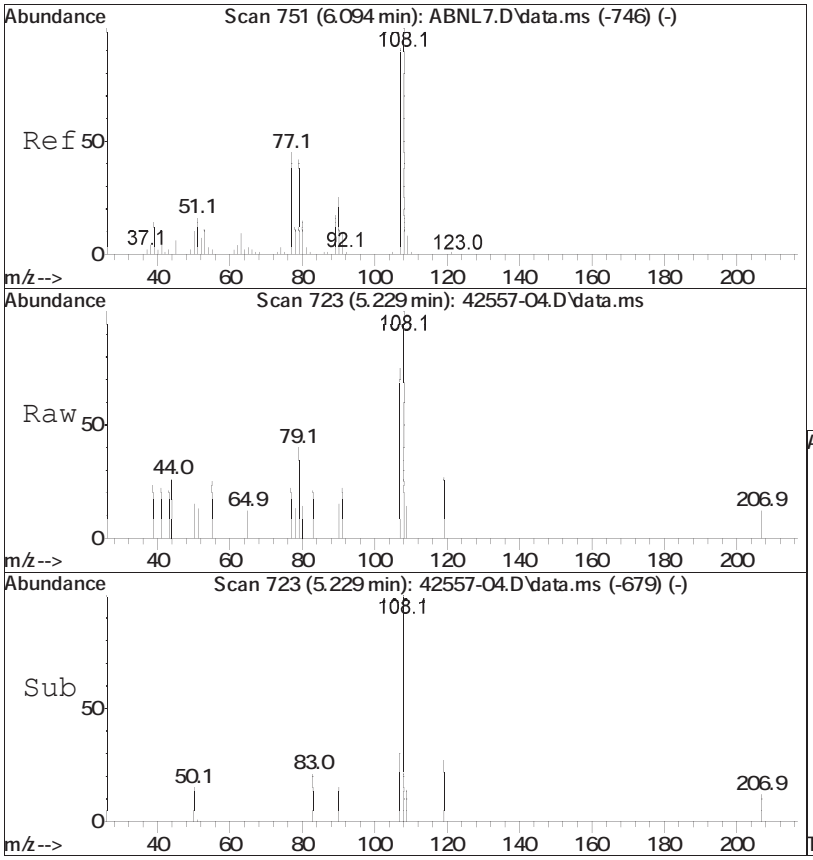


#18
3-Methylphenol/4-Methylphenol
Concen: 17.36 ug/ml
RT: 5.412 min Scan# 754
Delta R.T. 0.000 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:108 Resp: 65022

Ion	Ratio	Lower	Upper
108	100		
107	126.8	88.2	132.2
90	9.7	8.5	12.7

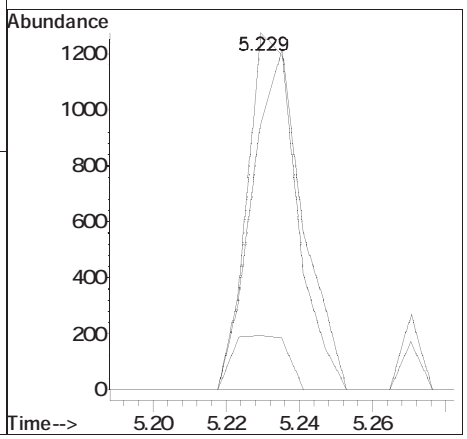


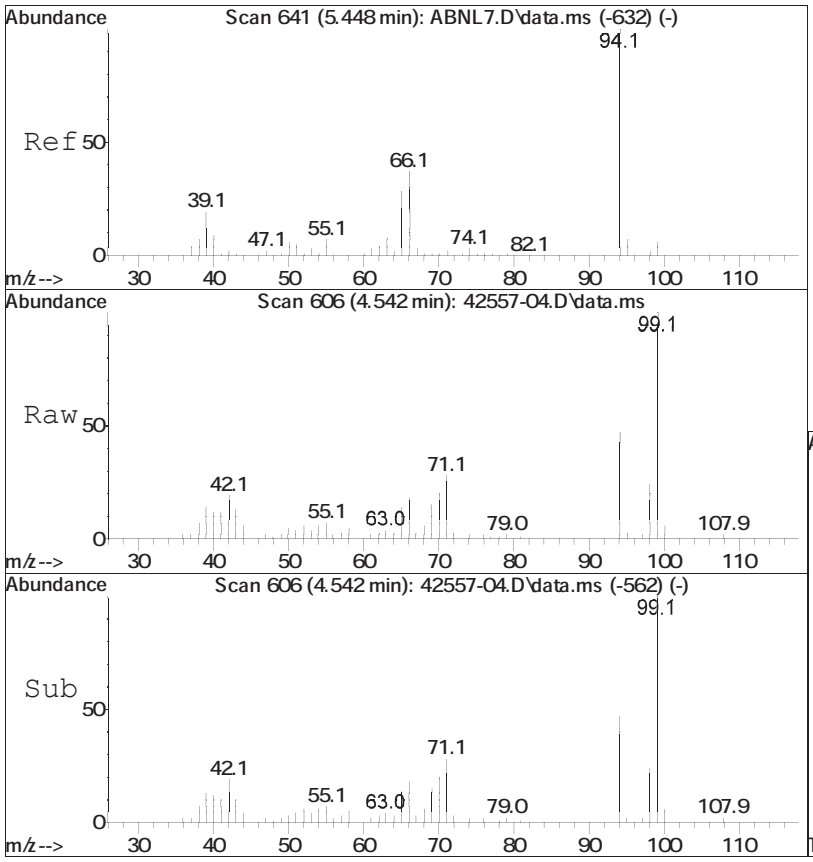


#15
2-Methylphenol
Concen: 0.34 ug/ml
RT: 5.229 min Scan# 723
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion:108 Resp: 1188

Ion	Ratio	Lower	Upper
108	100		
107	98.8	70.3	105.5
90	0.0	18.7	28.1#

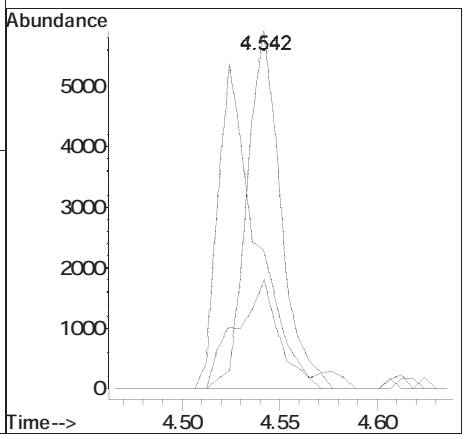




#8
Phenol
Concen: 1.44 ug/ml
RT: 4.542 min Scan# 606
Delta R.T. 0.006 min
Lab File: 42557-04.D
Acq: 13 Jul 2025 10:26 pm

Tgt Ion: 94 Resp: 7287

Ion	Ratio	Lower	Upper
94	100		
65	38.1	38.8	58.2#
66	100.8	60.3	90.5#

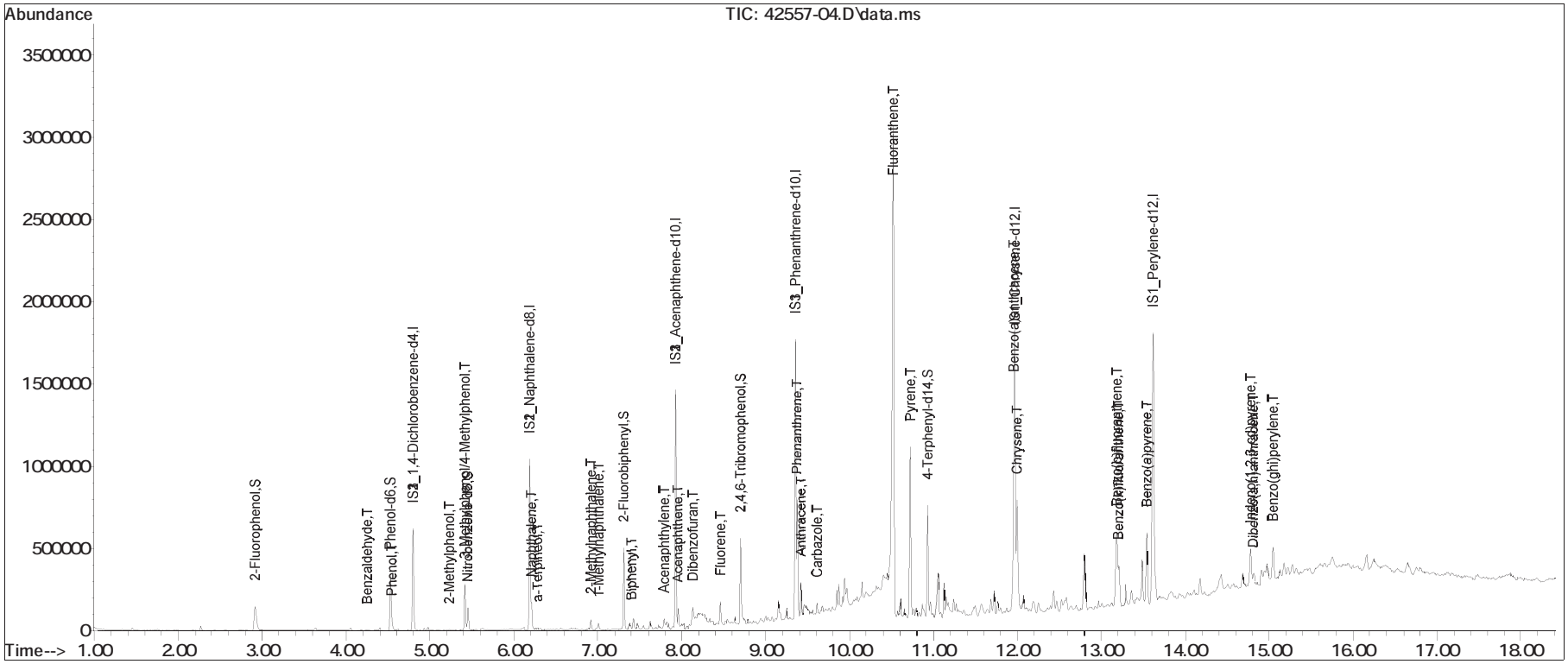


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Acq On : 13 Jul 2025 10:26 pm
Operator : Mork:jg
Sample : L2542557-04,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 16:56:41 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90713.D•



Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Acq On : 13 Jul 2025 10:26 pm
Operator : Mork:jg
Sample : L2542557-04,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 16:56:41 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Acq On : 13 Jul 2025 10:26 pm
Operator : Mork:jg
Sample : L2542557-04,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 16:56:41 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	7.956	154	22256	2.650	ug/ml	93
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	8.132	168	32876	2.375	ug/ml	96
68) 2,4-Dinitrotoluene	0.000		0	N.D. d		
69) 4-Nitrophenol	0.000		0	N.D. d		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	8.461	166	33629M6	3.041	ug/ml	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D. d		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D. d		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	9.372	178	259291	15.072	ug/ml	99
90) Anthracene	9.419	178	90011M3	5.220	ug/ml	
91) Carbazole	9.607	167	27201	1.721	ug/ml	97
92) Di-n-butylphthalate	0.000		0	N.D. d		
93) Fluoranthene	10.517	202	421250	19.612	ug/ml	97
95) Pyrene	10.723	202	392392M3	17.505	ug/ml	
97) Butyl benzyl phthalate	0.000		0	N.D. d		
105) Benzo(a)anthracene	11.957	228	249748M3	12.026	ug/ml	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D. d		
107) Chrysene	11.992	228	210950	10.926	ug/ml	95
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d		
109) Di-n-octylphthalate	0.000		0	N.D. d		
110) Benzo(b)fluoranthene	13.185	252	278027M6	13.021	ug/ml	
111) Benzo(k)fluoranthene	13.208	252	83358M3	4.139	ug/ml	
112) Benzo(a)pyrene	13.543	252	207298	10.721	ug/ml	98
114) Indeno(1,2,3-cd)pyrene	14.777	276	114246M6	5.922	ug/mL	
115) Dibenzo(a,h)anthracene	14.812	278	29757	1.628	ug/ml#	86
116) Benzo(ghi)perylene	15.042	276	100574	5.678	ug/ml	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Acq On : 13 Jul 2025 10:26 pm
Operator : Mork:jg
Sample : L2542557-04,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 16:56:41 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	10.929	244	217968	12.520	ug/ml	0.01

Spiked Amount 25.000 Range 30 - 130 Recovery = 50.08%

Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	4.542	94	7287	1.442 ug/ml#	76
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	5.229	108	1188	0.341 ug/ml#	81
16) Hexachloroethane	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	5.412	108	65022	17.361 ug/ml	86
20) Nitrobenzene	0.000		0	N.D. d	
21) Isophorone	0.000		0	N.D. d	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D. d	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
28) Benzaldehyde	4.248	105	2524	0.802 ug/ml#	58
29) Acetophenone	0.000		0	N.D. d	
33) 1,4-Dioxane	0.000		0	N.D.	
36) Naphthalene	6.211	128	71399	5.363 ug/ml	100
38) 4-Chloroaniline	0.000		0	N.D.	
39) Hexachlorobutadiene	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D. d	
41) 2-Methylnaphthalene	6.922	142	15126	1.659 ug/ml	88
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
47) 2-Chloronaphthalene	0.000		0	N.D. d	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D. d	
52) Acenaphthylene	7.785	152	30597	2.021 ug/ml#	90
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
60) Caprolactam	0.000		0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	7.398	154	7603	0.644 ug/ml#	92

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\250713\
Data File : 42557-04.D
Acq On : 13 Jul 2025 10:26 pm
Operator : Mork:jg
Sample : L2542557-04,32,,R3F,cmm
Misc : wg2090054,WG2089348,ical21695
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 16:56:41 2025
Quant Method : I:\8270\Mork\250713\FS241110Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jul 13 13:51:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\250713\ABN0713.D
: 2 - I:\8270\Mork\250713\ADP0713.D
: 3 - I:\8270\Mork\250713\AP90713.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.801	152	126595	40.000	ug/ml		0.00
Standard Area 1 = 108213			Recovery = 116.99%				
27) IS2_1,4-Dichlorobenzen...	4.801	152	126595	40.000	ug/ml		0.00
Standard Area 3 = 106753			Recovery = 118.59%				
32) IS3_1,4-Dichlorobenzen...	4.801	152	126595	40.000	ug/ml		0.00
Standard Area 2 = 101203			Recovery = 125.09%				
35) IS1_Naphthalene-d8	6.187	136	500249	40.000	ug/ml	#	0.00
Standard Area 1 = 388197			Recovery = 128.86%				
55) IS2_Naphthalene-d8	6.187	136	500249	40.000	ug/ml	#	0.00
Standard Area 3 = 398257			Recovery = 125.61%				
63) IS1_Acenaphthene-d10	7.926	164	302005	40.000	ug/ml		0.00
Standard Area 1 = 217576			Recovery = 138.80%				
83) IS2_Acenaphthene-d10	7.926	164	302005	40.000	ug/ml		0.00
Standard Area 3 = 221106			Recovery = 136.59%				
86) IS3_Acenaphthene-d10	7.926	164	302005	40.000	ug/ml		0.00
Standard Area 2 = 219855			Recovery = 137.37%				
88) IS1_Phenanthrene-d10	9.354	188	622360	40.000	ug/ml		0.01
Standard Area 1 = 432273			Recovery = 143.97%				
100) IS3_Phenanthrene-d10	9.354	188	622360	40.000	ug/ml		0.01
Standard Area 2 = 423484			Recovery = 146.96%				
104) IS1_Chrysene-d12	11.969	240	618099	40.000	ug/ml		0.02
Standard Area 1 = 474634			Recovery = 130.23%				
113) IS1_Perylene-d12	13.614	264	631044	40.000	ug/ml		0.02
Standard Area 1 = 555852			Recovery = 113.53%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.914	112	98413	29.222	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 58.44%				
7) Phenol-d6	4.524	99	129340	29.436	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 58.87%				
19) Nitrobenzene-d5	5.447	82	44548	11.378	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 45.51%				
46) 2-Fluorobiphenyl	7.309	172	148844	12.551	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 50.20%				
79) 2,4,6-Tribromophenol	8.702	330	60400	27.900	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.80%				

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089348-1	Date Collected	: NA
Client ID	: WG2089348-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/25 14:42
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 089348-1	Analyst	: IMK
Sample Amount	: 30.27 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089348-1	Date Collected	: NA
Client ID	: WG2089348-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/25 14:42
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 089348-1	Analyst	: IMK
Sample Amount	: 30.27 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	790	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089348-1	Date Collected	: NA
Client ID	: WG2089348-1BLANK	Date Received	: NA
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Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 089348-1	Analyst	: IMK
Sample Amount	: 30.27 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2089348-1	Date Collected	: NA
Client ID	: WG2089348-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/25 14:42
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 089348-1	Analyst	: IMK
Sample Amount	: 30.27 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	94	200	19.	J
91-57-6	2-Methylnaphthalene	66	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	95.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	57	200	30.	J
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	690	290	31.	
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	68	200	19.	J
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	60.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	480	120	22.	
50-32-8	Benzo(a)pyrene	420	160	48.	
205-99-2	Benzo(b)fluoranthene	520	120	33.	
207-08-9	Benzo(k)fluoranthene	160	120	32.	
218-01-9	Chrysene	430	120	21.	
208-96-8	Acenaphthylene	80	160	31.	J
120-12-7	Anthracene	210	120	39.	
191-24-2	Benzo(ghi)perylene	220	160	23.	
86-73-7	Fluorene	120	200	19.	J
85-01-8	Phenanthrene	600	120	24.	
53-70-3	Dibenzo(a,h)anthracene	65	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	240	160	28.	
129-00-0	Pyrene	700	120	20.	
92-52-4	Biphenyl	26	450	26.	J
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-04	Date Collected	: 07/08/25 12:10
Client ID	: 25SB-8 (11-12)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 22:26
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-04	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	100	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	780	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	210	200	24.	
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	920	190	U
123-91-1	1,4-Dioxane	ND	140	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	1100	920	87.	
91-57-6	2-Methylnaphthalene	590	1100	110	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	920	96.	U
98-86-2	Acetophenone	ND	920	110	U
88-06-2	2,4,6-Trichlorophenol	ND	550	170	U
59-50-7	p-Chloro-m-cresol	ND	920	140	U
95-57-8	2-Chlorophenol	ND	920	110	U
120-83-2	2,4-Dichlorophenol	ND	830	150	U
105-67-9	2,4-Dimethylphenol	ND	920	300	U
88-75-5	2-Nitrophenol	ND	2000	350	U
100-02-7	4-Nitrophenol	ND	1300	380	U
51-28-5	2,4-Dinitrophenol	ND	4400	430	U
534-52-1	4,6-Dinitro-o-cresol	ND	2400	440	U
87-86-5	Pentachlorophenol	ND	740	200	U
108-95-2	Phenol	ND	920	140	U
95-48-7	2-Methylphenol	ND	920	140	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	220	1300	140	J
95-95-4	2,4,5-Trichlorophenol	ND	920	180	U
86-74-8	Carbazole	2800	920	90.	
1912-24-9	Atrazine	ND	740	320	U
100-52-7	Benzaldehyde	ND	1200	250	U
105-60-2	Caprolactam	ND	920	280	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	920	170	U
117-84-0	Di-n-octylphthalate	ND	920	310	U
84-66-2	Diethyl phthalate	ND	920	85.	U
131-11-3	Dimethyl phthalate	ND	920	190	U
56-55-3	Benzo(a)anthracene	12000	550	100	
50-32-8	Benzo(a)pyrene	9000	740	220	
205-99-2	Benzo(b)fluoranthene	11000	550	160	
207-08-9	Benzo(k)fluoranthene	4300	550	150	
218-01-9	Chrysene	10000	550	96.	
208-96-8	Acenaphthylene	2000	740	140	
120-12-7	Anthracene	5700	550	180	
191-24-2	Benzo(ghi)perylene	5100	740	110	
86-73-7	Fluorene	1500	920	90.	
85-01-8	Phenanthrene	22000	550	110	
53-70-3	Dibenzo(a,h)anthracene	1400	550	110	
193-39-5	Indeno(1,2,3-cd)pyrene	5100	740	130	
129-00-0	Pyrene	18000	550	92.	
92-52-4	Biphenyl	190	2100	120	J
106-47-8	4-Chloroaniline	ND	920	170	U
88-74-4	2-Nitroaniline	ND	920	180	U
99-09-2	3-Nitroaniline	ND	920	170	U
100-01-6	4-Nitroaniline	ND	920	380	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-03D	Date Collected	: 07/08/25 11:55
Client ID	: 25SB-8 (1-3)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:40
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-03D1	Analyst	: SMZ
Sample Amount	: 30.62 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	1700	740	96.	
118-74-1	Hexachlorobenzene	ND	550	100	U
111-44-4	Bis(2-chloroethyl)ether	ND	830	120	U
91-58-7	2-Chloronaphthalene	ND	920	92.	U
91-94-1	3,3'-Dichlorobenzidine	ND	920	240	U
121-14-2	2,4-Dinitrotoluene	ND	920	180	U
606-20-2	2,6-Dinitrotoluene	ND	920	160	U
206-44-0	Fluoranthene	23000	550	100	
7005-72-3	4-Chlorophenyl phenyl ether	ND	920	99.	U
101-55-3	4-Bromophenyl phenyl ether	ND	920	140	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1100	160	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1000	92.	U
87-68-3	Hexachlorobutadiene	ND	920	140	U
77-47-4	Hexachlorocyclopentadiene	ND	2600	840	U
67-72-1	Hexachloroethane	ND	740	150	U
78-59-1	Isophorone	ND	830	120	U
91-20-3	Naphthalene	810	920	110	J
98-95-3	Nitrobenzene	ND	830	140	U
86-30-6	NDPA/DPA	ND	740	100	U
621-64-7	n-Nitrosodi-n-propylamine	ND	920	140	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	920	320	U
85-68-7	Butyl benzyl phthalate	5800	920	230	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1500	300	U
123-91-1	1,4-Dioxane	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	5200	1500	140	
91-57-6	2-Methylnaphthalene	3400	1800	180	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1500	150	U
98-86-2	Acetophenone	ND	1500	180	U
88-06-2	2,4,6-Trichlorophenol	ND	880	280	U
59-50-7	p-Chloro-m-cresol	ND	1500	220	U
95-57-8	2-Chlorophenol	ND	1500	170	U
120-83-2	2,4-Dichlorophenol	ND	1300	240	U
105-67-9	2,4-Dimethylphenol	480	1500	480	J
88-75-5	2-Nitrophenol	ND	3200	550	U
100-02-7	4-Nitrophenol	ND	2000	600	U
51-28-5	2,4-Dinitrophenol	ND	7000	680	U
534-52-1	4,6-Dinitro-o-cresol	ND	3800	700	U
87-86-5	Pentachlorophenol	ND	1200	320	U
108-95-2	Phenol	530	1500	220	J
95-48-7	2-Methylphenol	480	1500	230	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	1300	2100	230	J
95-95-4	2,4,5-Trichlorophenol	ND	1500	280	U
86-74-8	Carbazole	5500	1500	140	
1912-24-9	Atrazine	ND	1200	510	U
100-52-7	Benzaldehyde	ND	1900	390	U
105-60-2	Caprolactam	ND	1500	440	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1500	280	U
117-84-0	Di-n-octylphthalate	ND	1500	500	U
84-66-2	Diethyl phthalate	ND	1500	140	U
131-11-3	Dimethyl phthalate	ND	1500	310	U
56-55-3	Benzo(a)anthracene	20000	880	160	
50-32-8	Benzo(a)pyrene	17000	1200	360	
205-99-2	Benzo(b)fluoranthene	22000	880	250	
207-08-9	Benzo(k)fluoranthene	5100	880	230	
218-01-9	Chrysene	20000	880	150	
208-96-8	Acenaphthylene	1200	1200	220	
120-12-7	Anthracene	11000	880	280	
191-24-2	Benzo(ghi)perylene	9800	1200	170	
86-73-7	Fluorene	6300	1500	140	
85-01-8	Phenanthrene	49000	880	180	
53-70-3	Dibenzo(a,h)anthracene	2400	880	170	
193-39-5	Indeno(1,2,3-cd)pyrene	9200	1200	200	
129-00-0	Pyrene	37000	880	140	
92-52-4	Biphenyl	820	3300	190	J
106-47-8	4-Chloroaniline	ND	1500	270	U
88-74-4	2-Nitroaniline	ND	1500	280	U
99-09-2	3-Nitroaniline	ND	1500	280	U
100-01-6	4-Nitroaniline	ND	1500	600	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-02D	Date Collected	: 07/08/25 11:15
Client ID	: 25SB-7 (12-13)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/14/25 17:17
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 557-02D1	Analyst	: SMZ
Sample Amount	: 30.42 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 56
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	7400	1200	150	
118-74-1	Hexachlorobenzene	ND	880	160	U
111-44-4	Bis(2-chloroethyl)ether	ND	1300	200	U
91-58-7	2-Chloronaphthalene	ND	1500	140	U
91-94-1	3,3'-Dichlorobenzidine	ND	1500	390	U
121-14-2	2,4-Dinitrotoluene	ND	1500	290	U
606-20-2	2,6-Dinitrotoluene	ND	1500	250	U
206-44-0	Fluoranthene	43000	880	170	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1500	160	U
101-55-3	4-Bromophenyl phenyl ether	ND	1500	220	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1800	250	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1600	150	U
87-68-3	Hexachlorobutadiene	ND	1500	210	U
77-47-4	Hexachlorocyclopentadiene	ND	4200	1300	U
67-72-1	Hexachloroethane	ND	1200	240	U
78-59-1	Isophorone	ND	1300	190	U
91-20-3	Naphthalene	8200	1500	180	
98-95-3	Nitrobenzene	ND	1300	220	U
86-30-6	NDPA/DPA	ND	1200	170	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1500	220	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1500	500	U
85-68-7	Butyl benzyl phthalate	ND	1500	370	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	28	8.5	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	170	180	18.	J
91-57-6	2-Methylnaphthalene	120	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	230	180	18.	
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	1200	110	21.	
50-32-8	Benzo(a)pyrene	1000	150	45.	
205-99-2	Benzo(b)fluoranthene	1300	110	31.	
207-08-9	Benzo(k)fluoranthene	330	110	30.	
218-01-9	Chrysene	1100	110	19.	
208-96-8	Acenaphthylene	140	150	29.	J
120-12-7	Anthracene	480	110	36.	
191-24-2	Benzo(ghi)perylene	660	150	22.	
86-73-7	Fluorene	220	180	18.	
85-01-8	Phenanthrene	2100	110	22.	
53-70-3	Dibenzo(a,h)anthracene	140	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	600	150	26.	
129-00-0	Pyrene	2000	110	18.	
92-52-4	Biphenyl	29	420	24.	J
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542557-01	Date Collected	: 07/08/25 11:00
Client ID	: 25SB-7 (0-2)	Date Received	: 07/08/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/13/25 23:36
Sample Matrix	: SOIL	Date Extracted	: 07/11/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 42557-01	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	270	150	19.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	2200	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	290	180	22.	
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	47.	U

Semivolatile Sample Data

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 2

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.286	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.484	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.407	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.196	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.67	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.468	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.415	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	1.03	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	1.16	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	1.45	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.401	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.372	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.44	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	2.09	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.606	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.653	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	1.7	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	2.04	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	1.95	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.42	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	5.42	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	2.31	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	2.51	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	0.35	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	2.31	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	1.39	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	2.07	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	2.62	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.381	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.309	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.308	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	0.403	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	6.01	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.977	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.452	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.392	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.35	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.329	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.315	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.391	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	1.85	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.541	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.845	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.418	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.411	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.386	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.244	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	0.403	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	0.842	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.355	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	1.23	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.203	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.862	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.542	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.205	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.924	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.906	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.42	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.61	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.957	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.26	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	0.765	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	0.916	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.323	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.368	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.533	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.621	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.222	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.315	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.467	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.369	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	0.439	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.419	ug/l	40-140	30	40-140	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/14/25 12:03:00
Sample No	: WG2090397-3	**Lab File ID**	: ABN0714

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2090397-3	395061	9.33	480100	11.93	595184	13.56
Upper Limit	790122	9.83	960200	12.43	1190368	14.06
Lower Limit	197531	8.83	240050	11.43	297592	13.06
Sample ID						
WG2090397-4 CCAL	463752	9.33	-	-	-	-
WG2090397-5 CCAL	426322	9.32	-	-	-	-
25SB-7 (12-13)	527515	9.33	537743	11.94	579813	13.58
25SB-8 (1-3)	533338	9.33	555750	11.94	601735	13.58

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/14/25 12:03:00
Sample No	: WG2090397-3	**Lab File ID**	: ABN0714

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2090397-3	95271	4.78	345845	6.17	194726	7.91
Upper Limit	190542	5.28	691690	6.67	389452	8.41
Lower Limit	47636	4.28	172923	5.67	97363	7.41
Sample ID						
WG2090397-4 CCAL	113193	4.78	424291	6.17	235391	7.90
WG2090397-5 CCAL	101029	4.78	-	-	211962	7.90
25SB-7 (12-13)	107957	4.78	431633	6.17	252046	7.91
25SB-8 (1-3)	102033	4.78	415387	6.17	264379	7.91

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/13/25 12:23:00
Sample No	: WG2090054-3	**Lab File ID**	: ABN0713

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2090054-3	432273	9.34	474634	11.95	555852	13.59
Upper Limit	864546	9.84	949268	12.45	1111704	14.09
Lower Limit	216137	8.84	237317	11.45	277926	13.09
Sample ID						
WG2090054-4 CCAL	443913	9.34	-	-	-	-
WG2090054-5 CCAL	423484	9.34	-	-	-	-
WG2089348-1 BLANK	495796	9.34	569777	11.95	675134	13.59
WG2089348-2 LCS	418824	9.34	459330	11.95	529448	13.59
WG2089348-3 LCSD	455732	9.34	500177	11.95	598027	13.59
25SB-8 (11-12)	622360	9.35	618099	11.97	631044	13.61
25SB-7 (0-2)	572165	9.35	535003	11.98	551661	13.63

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/13/25 12:23:00
Sample No	: WG2090054-3	**Lab File ID**	: ABN0713

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2090054-3	108213	4.80	388197	6.19	217576	7.92
Upper Limit	216426	5.30	776394	6.69	435152	8.42
Lower Limit	54107	4.30	194099	5.69	108788	7.42
Sample ID						
WG2090054-4 CCAL	106753	4.80	398257	6.18	221106	7.92
WG2090054-5 CCAL	101203	4.79	-	-	219855	7.92
WG2089348-1 BLANK	120654	4.80	452895	6.18	261633	7.92
WG2089348-2 LCS	100811	4.80	370810	6.18	210377	7.92
WG2089348-3 LCSD	116262	4.80	420733	6.19	228058	7.92
25SB-8 (11-12)	126595	4.80	500249	6.19	302005	7.93
25SB-7 (0-2)	119147	4.80	486403	6.19	280601	7.93

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/14/25 11:40
Tune Standard	: WG2090397-1	**Tune File ID**	: DEG0714_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	29.1
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.1 (.2)1
127	10.0 - 80.0% of Base Peak	48.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	29.4
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	18.4
442	Base Peak, or >50% of mass 198	74.3
443	15.0 - 24.0% of mass 442	15.2 (20.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2090397-6TFACTOR-B	WG2090397-6	DEG0714	07/14/25 11:40
WG2090397-7TFACTOR-P	WG2090397-7	DEG0714	07/14/25 11:40
WG2090397-3CCAL	WG2090397-3	ABN0714	07/14/25 12:03
WG2090397-4CCAL	WG2090397-4	AP90714	07/14/25 12:26
WG2090397-5CCAL	WG2090397-5	ADP0714	07/14/25 12:50
25SB-7 (12-13)	L2542557-02D	557-02D1	07/14/25 17:17
25SB-8 (1-3)	L2542557-03D	557-03D1	07/14/25 17:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 07/13/25 12:00
Tune Standard	: WG2090054-1	**Tune File ID**	: DEG0713_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	26.5
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	47.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	28.5
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	18.5
442	Base Peak, or >50% of mass 198	71.1
443	15.0 - 24.0% of mass 442	13.8 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2090054-6TFACTOR-B	WG2090054-6	DEG0713	07/13/25 12:00
WG2090054-7TFACTOR-P	WG2090054-7	DEG0713	07/13/25 12:00
WG2090054-3CCAL	WG2090054-3	ABN0713	07/13/25 12:23
WG2090054-4CCAL	WG2090054-4	AP90713	07/13/25 12:47
WG2090054-5CCAL	WG2090054-5	ADP0713	07/13/25 13:10
WG2089348-1BLANK	WG2089348-1	089348-1	07/13/25 14:42
WG2089348-2LCS	WG2089348-2	089348-2	07/13/25 15:06
WG2089348-3LCSD	WG2089348-3	089348-3	07/13/25 15:29
25SB-8 (11-12)	L2542557-04	42557-04	07/13/25 22:26
25SB-7 (0-2)	L2542557-01	42557-01	07/13/25 23:36

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: MORK	**Analysis Date**	: 11/11/24 06:10
Tune Standard	: R1899192-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	25.4
68	Less than 2.0% of mass 69	0.1 (.2)1
69		100
70	Less than 2.0% of mass 69	0.1 (.3)1
127	10.0 - 80.0% of Base Peak	41.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	29.9
365	Greater than 1.0% of mass 198	3.7
441	Present, but less than 24% of mass 442	18.7
442	Base Peak, or >50% of mass 198	81
443	15.0 - 24.0% of mass 442	15.5 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1899192-11	ADPL10	11/11/24 06:33
ADPL9	R1899192-19	ADPL9	11/11/24 06:56
ADPL8	R1899192-20	ADPL8	11/11/24 07:20
ADPL7	R1899192-17	ADPL7	11/11/24 07:43
ADPL6	R1899192-18	ADPL6	11/11/24 08:06
ADPL5	R1899192-16	ADPL5	11/11/24 08:29
ADPL4	R1899192-14	ADPL4	11/11/24 08:52
ADPL3	R1899192-15	ADPL3	11/11/24 09:16
ADPL2	R1899192-13	ADPL2	11/11/24 09:39
ADPL1	R1899192-12	ADPL1	11/11/24 10:02
ADP ICV Quant Report	R1899192-32	ADPICV	11/11/24 10:25

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: MORK	Analysis Date	: 11/10/24 21:16
Tune Standard	: R1899192-34	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	28.4
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	44.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	28.9
365	Greater than 1.0% of mass 198	3.7
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	72.9
443	15.0 - 24.0% of mass 442	13.7 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1899192-2	ABNL10	11/10/24 21:39
ABNL9	R1899192-9	ABNL9	11/10/24 22:03
ABNL8	R1899192-10	ABNL8	11/10/24 22:26
ABNL7	R1899192-8	ABNL7	11/10/24 22:49
ABNL6	R1899192-6	ABNL6	11/10/24 23:13
ABNL5	R1899192-7	ABNL5	11/10/24 23:36
ABNL4	R1899192-5	ABNL4	11/10/24 23:59
ABNL3	R1899192-4	ABNL3	11/11/24 00:22
ABNL2	R1899192-3	ABNL2	11/11/24 00:45
ABNL1	R1899192-1	ABNL1	11/11/24 01:09
AP9L10	R1899192-22	AP9L10	11/11/24 01:32
AP9L9	R1899192-30	AP9L9	11/11/24 01:55
AP9L8	R1899192-29	AP9L8	11/11/24 02:18
AP9L7	R1899192-28	AP9L7	11/11/24 02:41
AP9L6	R1899192-27	AP9L6	11/11/24 03:05
AP9L5	R1899192-26	AP9L5	11/11/24 03:28
AP9L4	R1899192-25	AP9L4	11/11/24 03:51
AP9L3	R1899192-24	AP9L3	11/11/24 04:14
AP9L2	R1899192-23	AP9L2	11/11/24 04:37
AP9L1	R1899192-21	AP9L1	11/11/24 05:00
ABN ICV Quant Report	R1899192-31	ABNICV	11/11/24 05:24
AP9 ICV Quant Report	R1899192-33	AP9ICV	11/11/24 05:47

Method Blank Summary
Form 4
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab Sample ID	: WG2089348-1	**Lab File ID**	: 089348-1
Instrument ID	: MORK	**Extraction Date**	: 07/11/25
Matrix	: SOIL	**Analysis Date**	: 07/13/25 14:42
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2089348-2LCS	WG2089348-2	07/13/25 15:06
WG2089348-3LCSD	WG2089348-3	07/13/25 15:29
25SB-8 (11-12)	L2542557-04	07/13/25 22:26
25SB-7 (0-2)	L2542557-01	07/13/25 23:36
25SB-7 (12-13)	L2542557-02D	07/14/25 17:17
25SB-8 (1-3)	L2542557-03D	07/14/25 17:40

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2089348-2	**Analysis Date** : 07/13/25 15:06	**File ID** : 089348-2
LCSD Sample ID	: WG2089348-3	**Analysis Date** : 07/13/25 15:29	**File ID** : 089348-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1200	91	1300	1000	79	14	30-130	50
2-Nitrophenol	1300	1300	100	1300	1200	91	9	30-130	50
4-Nitrophenol	1300	1100	80	1300	990	75	6	11-114	50
2,4-Dinitrophenol	1300	1200	90	1300	1100	81	11	4-130	50
4,6-Dinitro-o-cresol	1300	1400	105	1300	1200	91	14	10-130	50
Pentachlorophenol	1300	850	64	1300	750	57	12	17-109	50
Phenol	1300	1100	82	1300	960	73	12	26-90	50
2-Methylphenol	1300	1200	89	1300	1000	77	14	30-130	50
3-Methylphenol/4-Methylphenol	1300	1200	92	1300	1100	81	13	30-130	50
2,4,5-Trichlorophenol	1300	1000	80	1300	940	71	12	30-130	50
Carbazole	1300	1200	92	1300	1100	84	9	54-128	50
Atrazine	1300	1100	85	1300	1000	76	11	40-140	50
Benzaldehyde	1300	970	73	1300	940	71	3	40-140	50
Caprolactam	1300	1200	94	1300	1100	84	11	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1100	82	1300	940	72	13	40-140	50
1,4-Dioxane	1300	800	60	1300	790	60	0	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2089348-2 Analysis Date : 07/13/25 15:06	File ID	: 089348-2
LCSD Sample ID	: WG2089348-3 Analysis Date : 07/13/25 15:29	File ID	: 089348-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1200	89	1300	1000	78	13	40-140	50
Benzo(a)pyrene	1300	1200	94	1300	1100	85	10	40-140	50
Benzo(b)fluoranthene	1300	1200	87	1300	1200	88	1	40-140	50
Benzo(k)fluoranthene	1300	1300	95	1300	1000	78	20	40-140	50
Chrysene	1300	1100	84	1300	1000	76	10	40-140	50
Acenaphthylene	1300	1100	85	1300	980	75	13	40-140	50
Anthracene	1300	1200	90	1300	1100	81	11	40-140	50
Benzo(ghi)perylene	1300	1200	94	1300	1100	83	12	40-140	50
Fluorene	1300	1200	87	1300	1000	78	11	40-140	50
Phenanthrene	1300	1200	87	1300	1000	78	11	40-140	50
Dibenzo(a,h)anthracene	1300	1200	90	1300	1000	80	12	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1200	90	1300	1000	80	12	40-140	50
Pyrene	1300	1100	85	1300	1000	76	11	35-142	50
Biphenyl	1300	1000	78	1300	920	70	11	37-127	50
4-Chloroaniline	1300	810	61	1300	730	55	10	40-140	50
2-Nitroaniline	1300	1300	100	1300	1100	84	17	47-134	50
3-Nitroaniline	1300	1000	79	1300	890	67	16	26-129	50
4-Nitroaniline	1300	1200	95	1300	1100	87	9	41-125	50
Dibenzofuran	1300	1100	85	1300	1000	78	9	40-140	50
2-Methylnaphthalene	1300	1000	77	1300	880	67	14	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	980	74	1300	860	65	13	40-117	50
Acetophenone	1300	1100	83	1300	980	74	11	14-144	50
2,4,6-Trichlorophenol	1300	990	74	1300	880	67	10	30-130	50
p-Chloro-m-cresol	1300	1100	82	1300	960	73	12	26-103	50
2-Chlorophenol	1300	1200	95	1300	1100	87	9	25-102	50
2,4-Dichlorophenol	1300	1100	86	1300	990	75	14	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542557
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2089348-2 **Analysis Date** : 07/13/25 15:06	**File ID**	: 089348-2
LCSD Sample ID	: WG2089348-3 **Analysis Date** : 07/13/25 15:29	**File ID**	: 089348-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	1100	86	1300	1000	77	11	31-137	50
Hexachlorobenzene	1300	1100	81	1300	970	74	9	40-140	50
Bis(2-chloroethyl)ether	1300	1000	78	1300	980	74	5	40-140	50
2-Chloronaphthalene	1300	1000	78	1300	900	68	14	40-140	50
3,3'-Dichlorobenzidine	1300	1000	80	1300	920	70	13	40-140	50
2,4-Dinitrotoluene	1300	1200	94	1300	1100	85	10	40-132	50
2,6-Dinitrotoluene	1300	1000	78	1300	910	69	12	40-140	50
Fluoranthene	1300	1200	87	1300	1000	76	13	40-140	50
4-Chlorophenyl phenyl ether	1300	1000	78	1300	940	71	9	40-140	50
4-Bromophenyl phenyl ether	1300	1000	78	1300	910	69	12	40-140	50
Bis(2-chloroisopropyl)ether	1300	1000	78	1300	970	73	7	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	80	1300	950	72	11	40-117	50
Hexachlorobutadiene	1300	890	67	1300	790	60	11	40-140	50
Hexachlorocyclopentadiene	1300	880	66	1300	790	60	10	40-140	50
Hexachloroethane	1300	1100	84	1300	1000	78	7	40-140	50
Isophorone	1300	980	74	1300	880	66	11	40-140	50
Naphthalene	1300	1100	82	1300	980	74	10	40-140	50
Nitrobenzene	1300	1000	76	1300	900	68	11	40-140	50
NDPA/DPA	1300	1100	84	1300	1000	77	9	36-157	50
n-Nitrosodi-n-propylamine	1300	1000	76	1300	890	67	13	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1600	120	1300	1400	107	11	40-140	50
Butyl benzyl phthalate	1300	1600	119	1300	1400	106	12	40-140	50
Di-n-butylphthalate	1300	1400	103	1300	1200	90	13	40-140	50
Di-n-octylphthalate	1300	1600	124	1300	1500	114	8	40-140	50
Diethyl phthalate	1300	1200	91	1300	1000	80	13	40-140	50
Dimethyl phthalate	1300	1000	76	1300	880	67	13	40-140	50

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542557
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
25SB-7 (0-2) (L2542557-01)	37	49	56	59	19	62	0
25SB-7 (12-13) (L2542557-02D)	67	66	67	63	68	72	0
25SB-8 (1-3) (L2542557-03D)	75	73	74	74	73	75	0
25SB-8 (11-12) (L2542557-04)	58	59	46	50	56	50	0
WG2089348-1BLANK	71	69	62	63	69	83	0
WG2089348-2LCS	91	83	79	71	83	84	0
WG2089348-3LCSD	87	74	70	63	71	74	0

QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(30-120) FBP = 2-FLUOROBIPHENYL
(10-136) TBP = 2,4,6-TRIBROMOPHENOL
(18-120) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270

Semivolatiles QC Summary

Semivolatiles Data- Method 8270

Inst: VOA131 BFB: V11278 Method GC: 8260

Initials: AJK IS/SS: V11305 Autosampler: 8260_SOIL

Date: **07/17/25** ICAL: V11294D,V11307 Concentrator: 8260_SOIL

Date: **A** QC:

Vial	Data File	SAMPLE	
1	V31250717BFB1	BFB	
1	V31250717A01	8260 LCS	
2	V31250717A02	8260 LCS	
3	V31250717A03	8260 LCS	
4	V31250717A04	BLK	
5	V31250717A05	MEOH BLK	
6	V31250717A06	I2542557-05,31,5.0,5,,b,r3f	NYHLW R2
7	V31250717A07	I2543726-01,31,4.34,5,,y	NYHLW+10
8	V31250717A08	I2543726-02,31,4.78,5,,y	NYHLW+10
9	V31250717A09	I2543726-03,31,5.42,5,,y	NYHLW+10
10	V31250717A10	I2543253-01,31,5.31,5,,b,36.65,42.46,0.50	MLW*
11	V31250717A11	DSTD	
12	V31250717A12	I2543726-04,31,5.79,5,,y	NYHLW+10
13	V31250717A13	I2543726-05,31,6.04,5,,y	NYHLW+10
14	V31250717A14	I2543726-06,31,5.73,5,,y	NYHLW+10
15	V31250717A15	I2543726-07,31,5.36,5,,y	NYHLW+10
16	V31250717A16	I2543726-08,31,5.45,5,,y	NYHLW+10
17	V31250717A17	I2543726-11,31,6.60,5,,y	NYHLW+10
18	V31250717A18	I2543726-12,31,4.43,5,,y	NYHLW+10
19	V31250717A19	I2543726-13,31,5.33,5,,y	NYHLW+10
20	V31250717A20	I2543726-09,31h,6.29,5,0.100,,x	NY/H+10
21	V31250717A21	I2543726-10,31h,5.17,5,0.100,,x	NY/H+10
22	V31250717A22	I2542557-04,31,5.14,5,,b,32.62,38.01,0.25	NYHLW R2
23	V31250717A23	I2542557-03,31,4.77,5,,b,32.64,37.66,0.25	NYHLW R2
24	V31250717A24	I2542557-02,31,3.95,5,,b,32.64,36.84,0.25	NYHLW R2
25	V31250717A25	I2542557-01,31,5.12,5,,b,32.49,37.87,0.25	NYHLW R2
26	V31250717A26	I2543726-09DUP,31h,6.29,5,0.100,,x	NJQC
27	V31250717A27	I2543726-09MS,31h,6.29,5,0.100,,x	NJQC

Inst: VOA131
Initials: MNF
Date: **07/16/25**
Date: **A**

BFB: V11278
IS/SS: V11305
ICAL: V11294E,V11307
ICV: V11300,V11297,V11264,V11272,V11299,V11298

Method
GC: 8260
Autosampler: 8260_SOIL
Concentrator: 8260_SOIL
QC:

Vial	Data File	SAMPLE
1	V31250716BFB1	BFB
1	V31250716A01	BLK
2	V31250716A02	BLK
3	V31250716A03	I8260STD0.5PPB
4	V31250716A04	I8260STD0.5PPB
5	V31250716A05	I8260STD1PPB
6	V31250716A06	I8260STD1PPB
7	V31250716A07	I8260STD2PPB
8	V31250716A08	I8260STD2PPB
9	V31250716A09	I8260STD4PPB
10	V31250716A10	I8260STD20PPB
11	V31250716A11	I8260STD40PPB
12	V31250716A12	I8260STD100PPB
13	V31250716A13	I8260STD200PPB
14	V31250716A14	I8260STD300PPB
15	V31250716A15	BLK
16	V31250716A16	BLK
17	V31250716A17	BLK
18	V31250716A18	C8260STD40PPB
19	V31250716A19	C8260STD40PPB
20	V31250716A20	BLK
21	V31250716A21	MEOH BLK
22	V31250716A22	LOQ 0.5PPB
23	V31250716A23	LOQ 1PPB
24	V31250716A24	1OQ 4PPB

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jul 18 2025, 12:27 pm

Work Group: WG2092279 for Department: 31 GC/MS - Volatiles

Created: 18-JUL-25 Due: Operator: AJK

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2542557-01	25SB-7 (0-2)	S	NYTCL-8260HLW	SOIL	DONE	U	0722	0717	3F	8260SET
L2542557-02	25SB-7 (12-13)	S	NYTCL-8260HLW	SOIL	DONE	U	0722	0717	3F	8260SET
L2542557-03	25SB-8 (1-3)	S	NYTCL-8260HLW	SOIL	DONE	U	0722	0717	3F	8260SET
L2542557-04	25SB-8 (11-12)	S	NYTCL-8260HLW	SOIL	DONE	U	0722	0717	3F	8260SET
L2542557-05	TRIP BLANK	S	NYTCL-8260HLW	SOIL	DONE	U	0722	0717	3F	8260SET
L2543726-01	SB-22 (1.0-1.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-02	SB-22 (5.5-6.0)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-03	SB-22 (11.5-12.0)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-04	SB-16 (5.0-5.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-05	SB-18 (6.5-7.0)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-06	SB-21 (7.0-7.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-07	SB-21 (13.0-13.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-08	SB-2 ()3.0-3.5	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-11	SB-1 (10.5-11.0)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-12	SB-6 (1.0-1.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
L2543726-13	SB-6 (8.0-8.5)	C	NYTCL-8260HLW	SOIL	DONE	U	0725	0718	1B	8260SET
WG2092279-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2092279-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2092279-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2092279-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2092279-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2092279-4 WG2092279-3

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

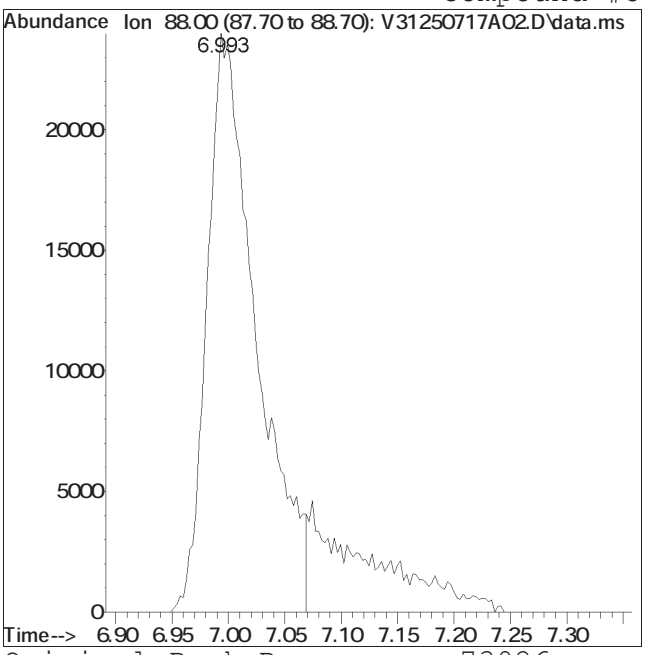
Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

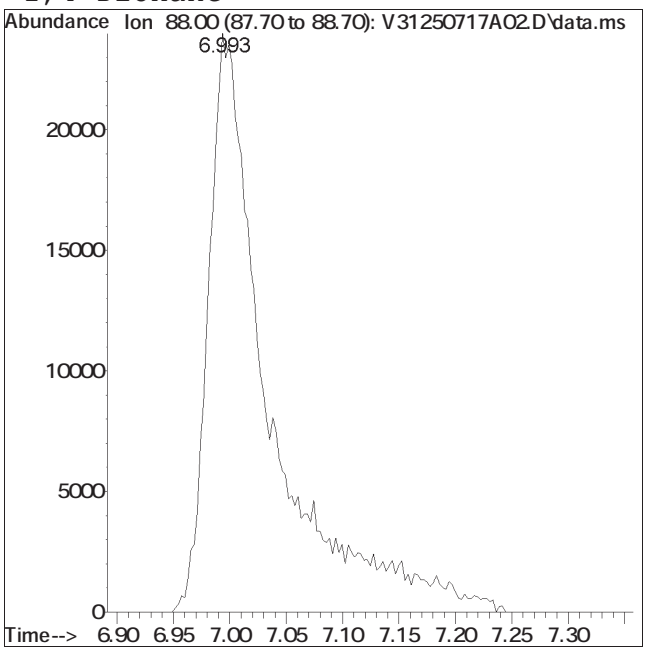
Manual Integration Report

Data Path	: K:\VOA131\2025\250717A\	QMethod	: V131_250716A_8260.m
Data File	: V31250717A02.D	Operator	: VOA131:AJK
Date Inj'd	: 7/17/2025 12:10 pm	Instrument	: VOA131
Sample	: WG2092279-4,31,5,5	Quant Date	: 7/17/2025 12:49 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 73026



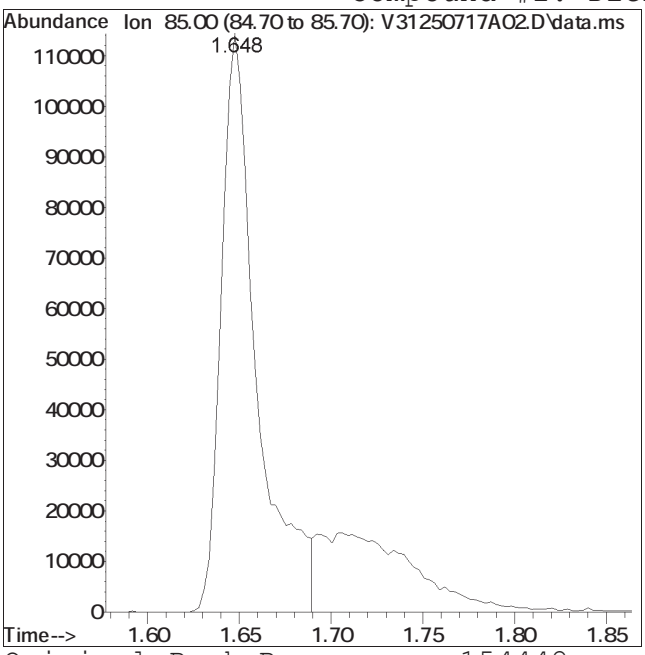
Manual Peak Response = 90338 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

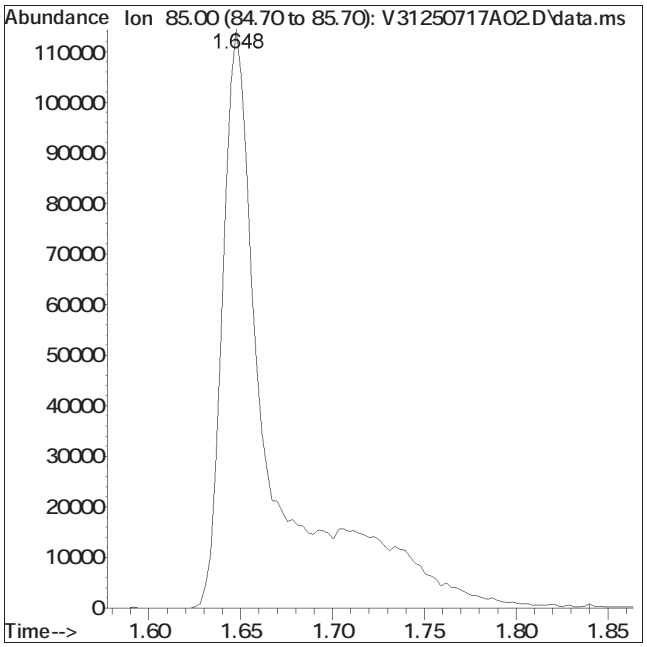
Manual Integration Report

Data Path	: K:\VOA131\2025\250717A\	QMethod	: V131_250716A_8260.m
Data File	: V31250717A02.D	Operator	: VOA131:AJK
Date Inj'd	: 7/17/2025 12:10 pm	Instrument	: VOA131
Sample	: WG2092279-4,31,5,5	Quant Date	: 7/17/2025 12:49 pm

Compound #2: Dichlorodifluoromethane

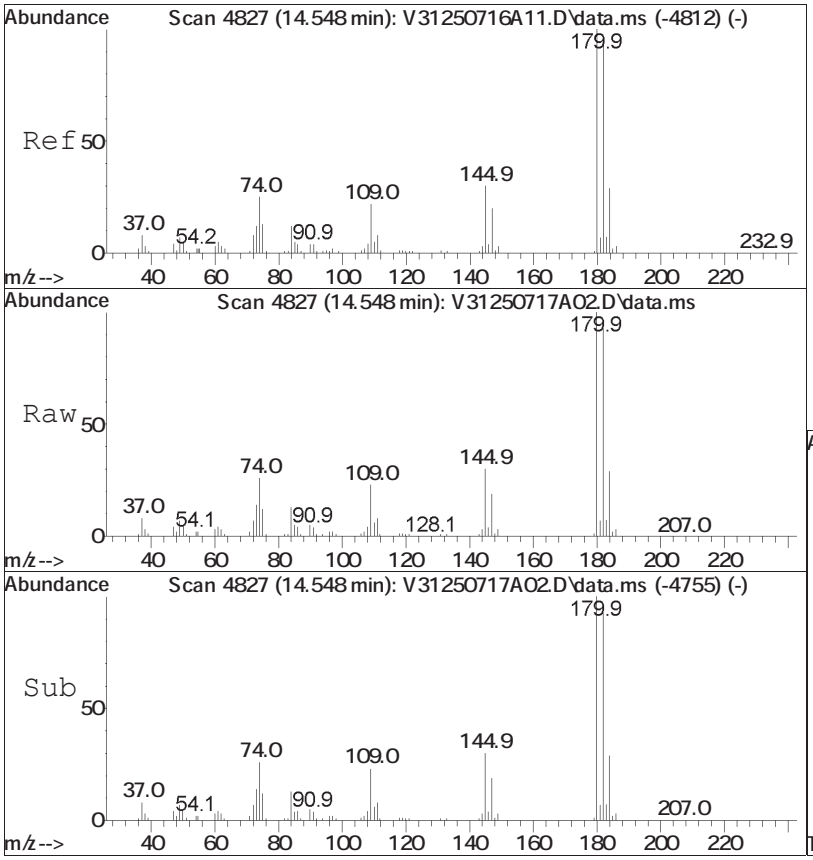


Original Peak Response = 154442



Manual Peak Response = 212256 M1

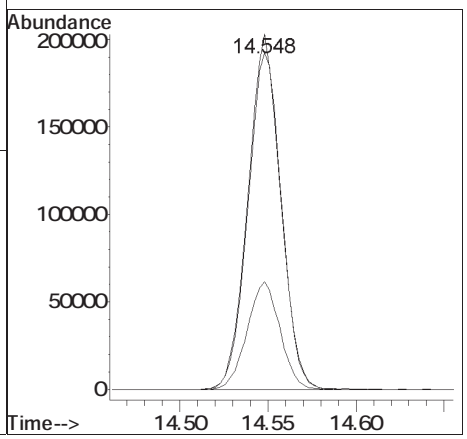
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

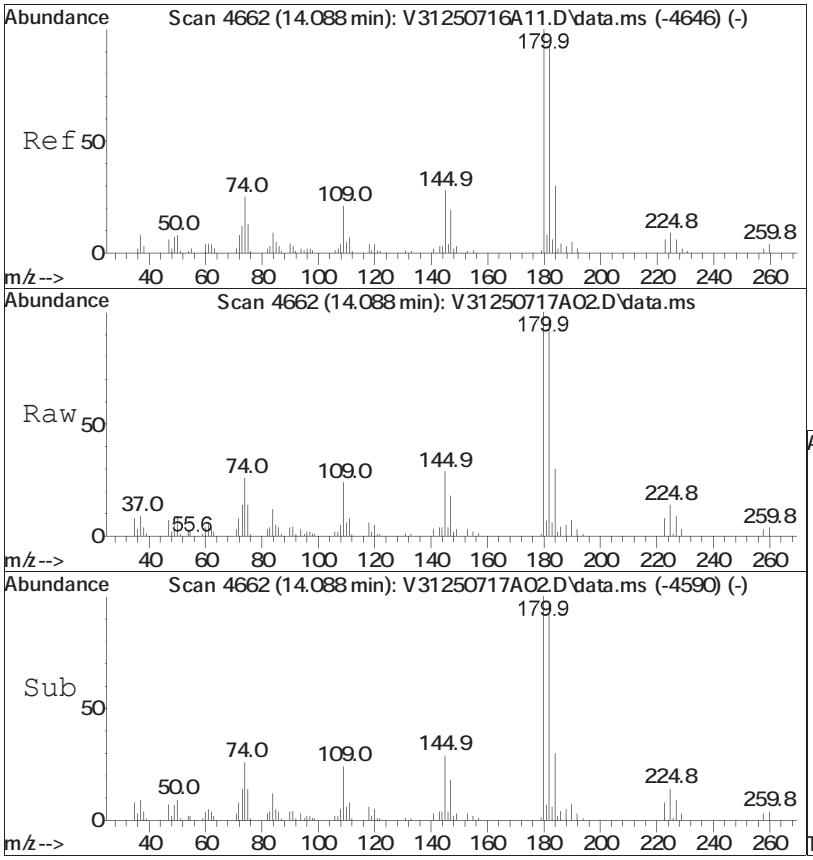


#111
1,2,3-Trichlorobenzene
Concen: 39.71 ug/L
RT: 14.548 min Scan# 4827
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:180 Resp: 262574

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.3	114.5
145	30.4	24.5	36.7

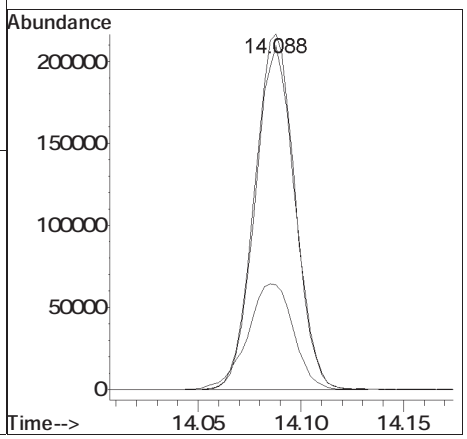


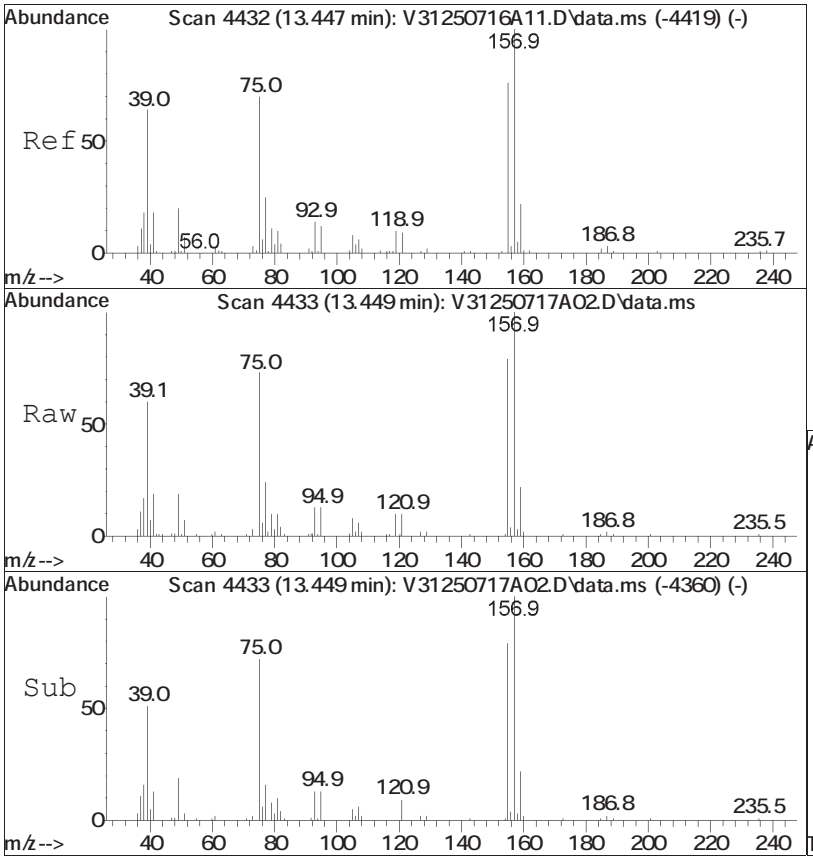


#109
1,2,4-Trichlorobenzene
Concen: 40.26 ug/L
RT: 14.088 min Scan# 4662
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:180 Resp: 296983

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.9	115.3
145	33.6	27.5	41.3

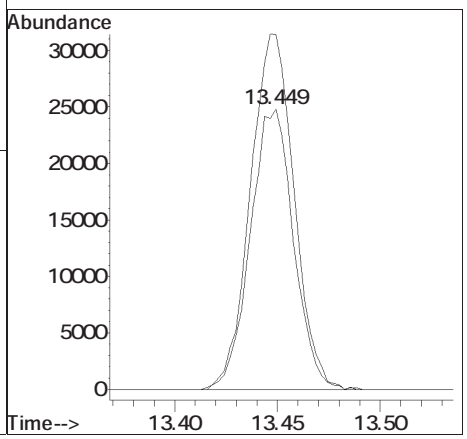


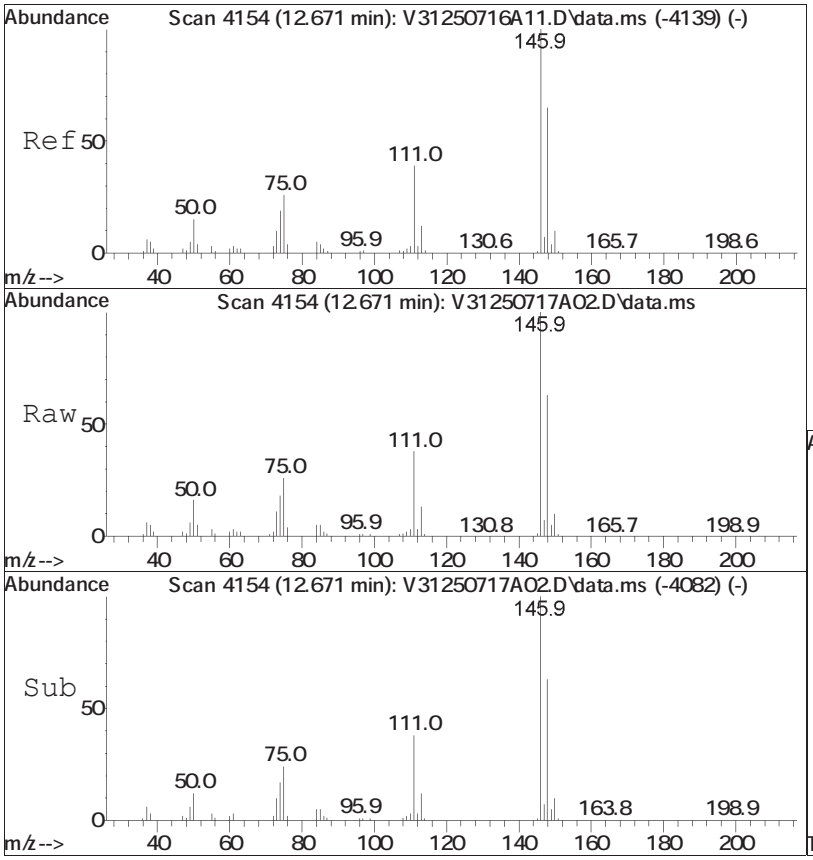


#106
1,2-Dibromo-3-chloropropane
Concen: 41.65 ug/L
RT: 13.449 min Scan# 4433
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:155 Resp: 36296

Ion	Ratio	Lower	Upper
155	100		
157	127.9	102.8	154.2

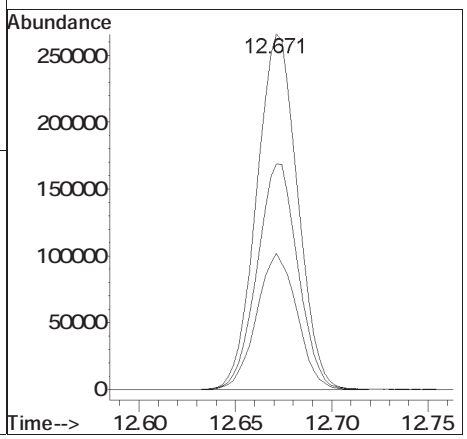


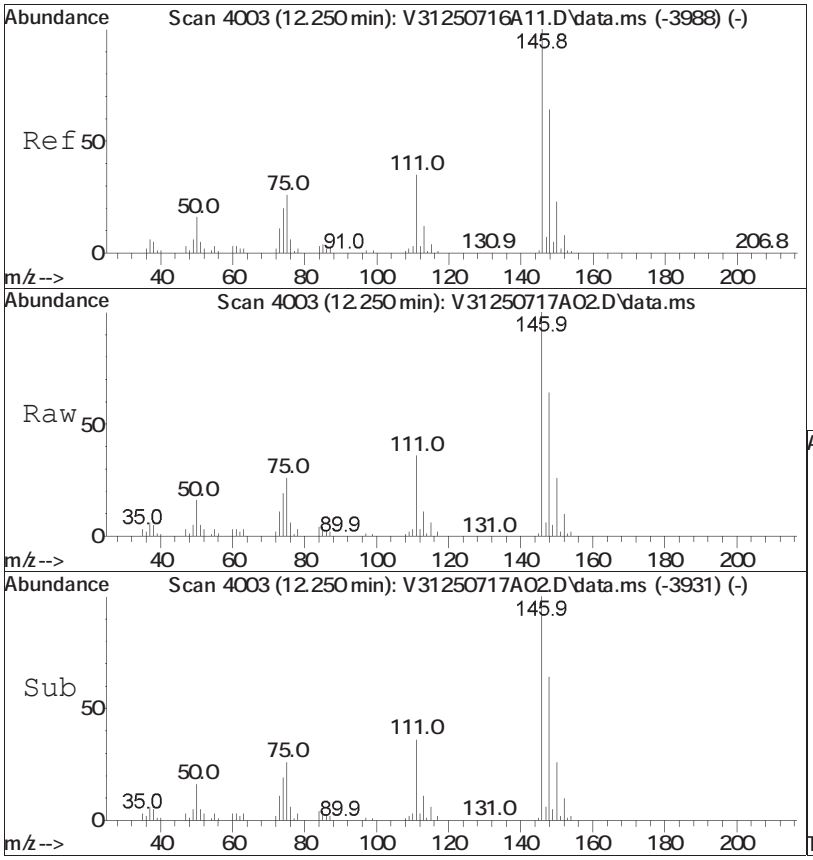


#104
1,2-Dichlorobenzene
Concen: 39.03 ug/L
RT: 12.671 min Scan# 4154
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:146 Resp: 393134

Ion	Ratio	Lower	Upper
146	100		
111	37.8	25.4	52.8
148	63.1	41.4	86.0

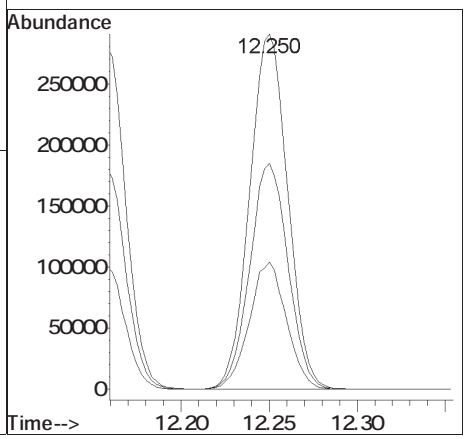


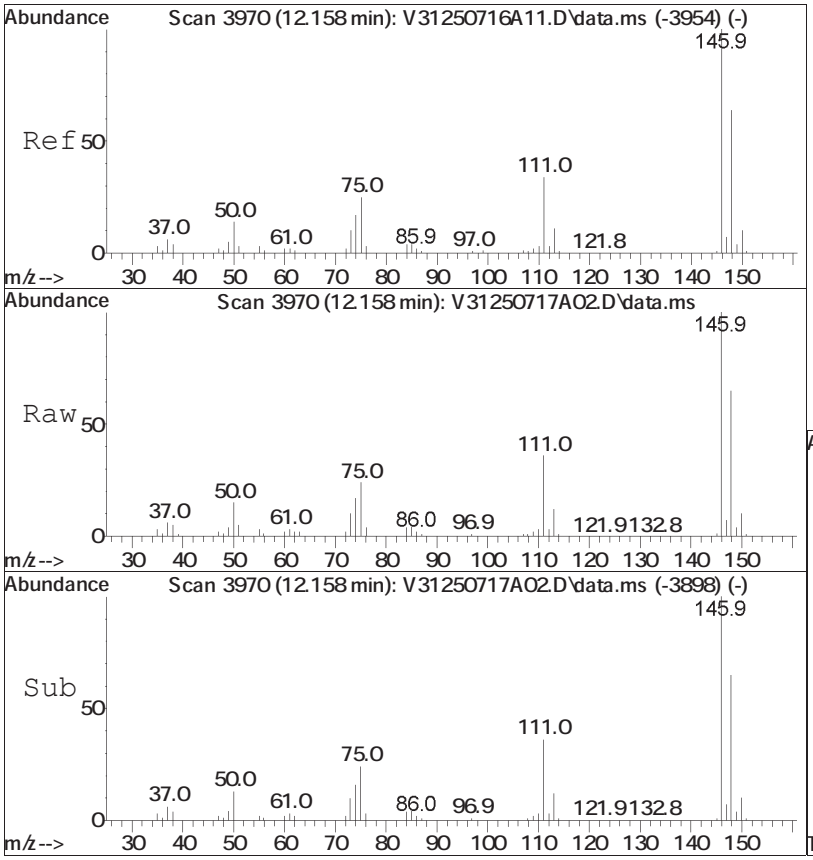


#101
1,4-Dichlorobenzene
Concen: 39.98 ug/L
RT: 12.250 min Scan# 4003
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:146 Resp: 437666

Ion	Ratio	Lower	Upper
146	100		
111	35.1	29.7	44.5
148	64.0	51.5	77.3

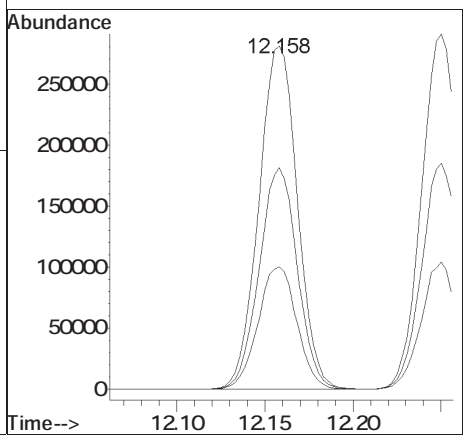


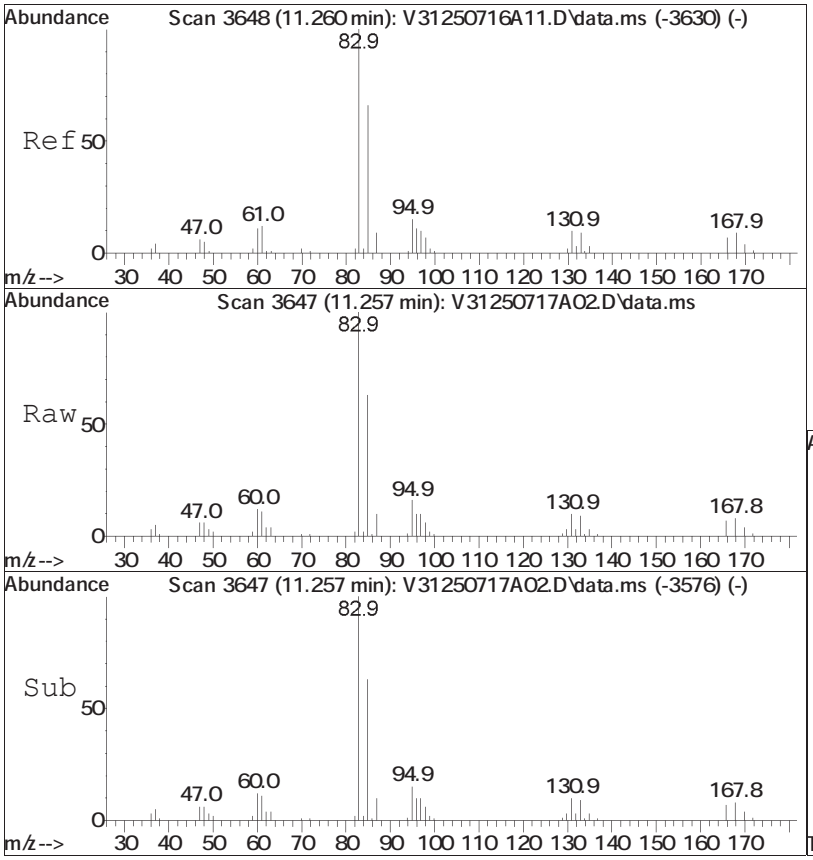


#100
1,3-Dichlorobenzene
Concen: 40.09 ug/L
RT: 12.158 min Scan# 3970
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:146 Resp: 427894

Ion	Ratio	Lower	Upper
146	100		
111	36.0	24.6	51.0
148	63.9	41.9	86.9

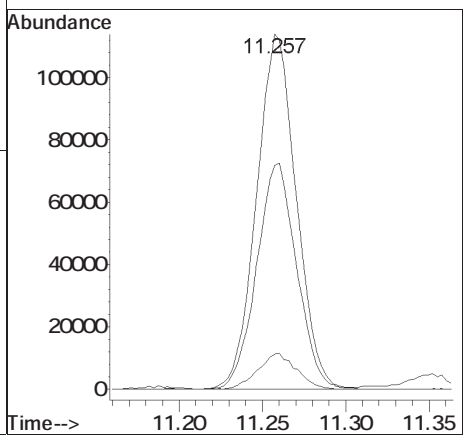


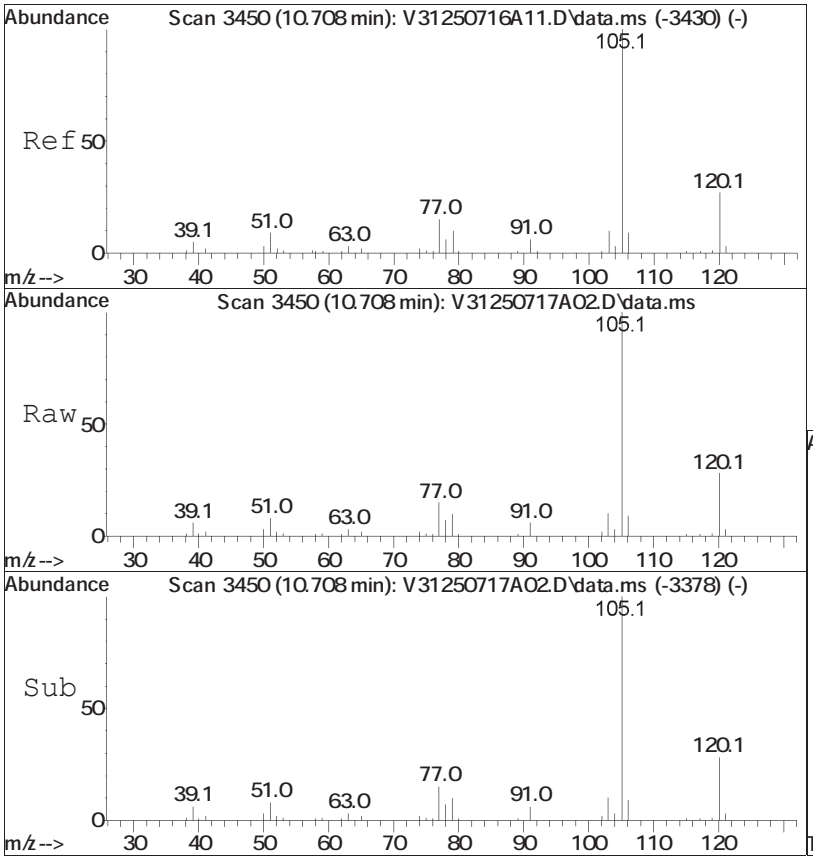


#87
1,1,2,2-Tetrachloroethane
Concen: 37.95 ug/L
RT: 11.257 min Scan# 3647
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 83 Resp: 188559

Ion	Ratio	Lower	Upper
83	100		
131	10.0	0.0	31.1
85	64.4	44.5	84.5

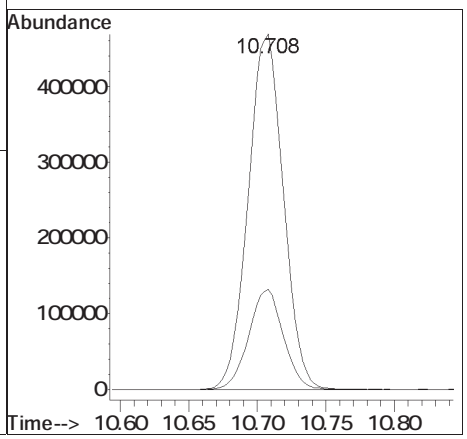


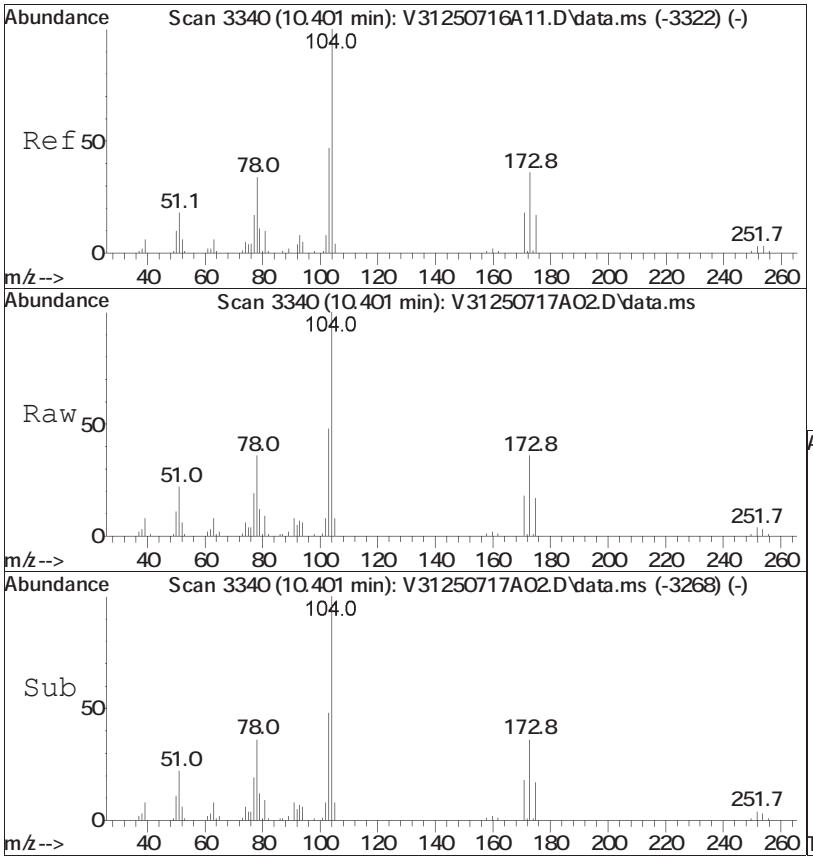


#82
Isopropylbenzene
Concen: 42.22 ug/L
RT: 10.708 min Scan# 3450
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:105 Resp: 837407

Ion	Ratio	Lower	Upper
105	100		
120	27.6	10.7	50.7

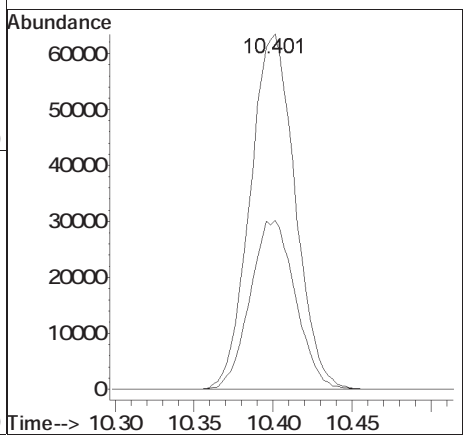


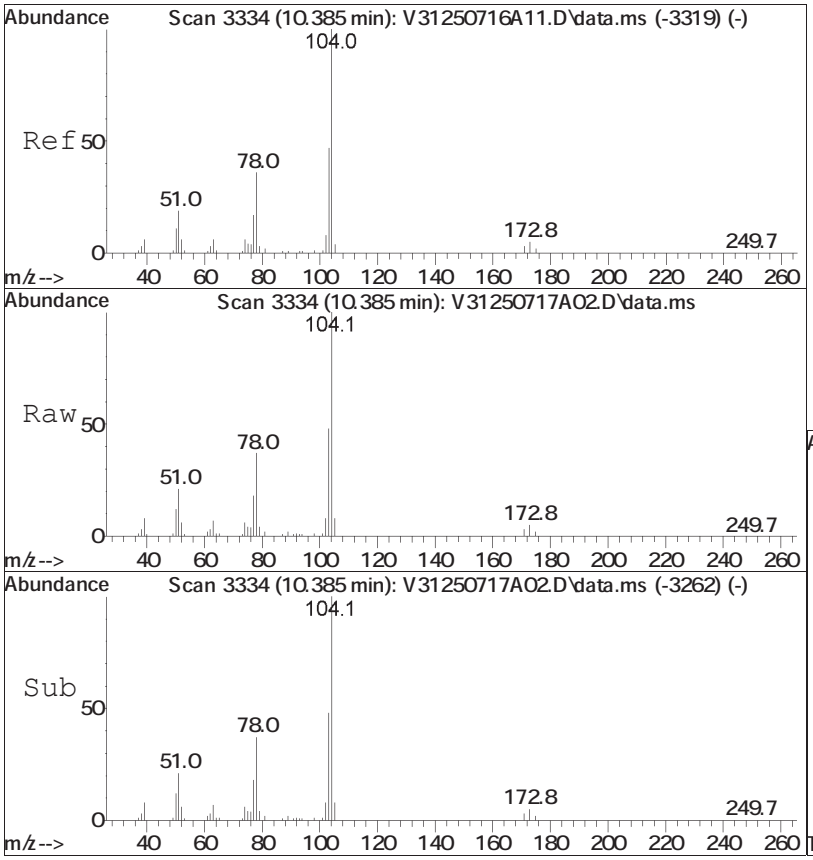


#80
Bromoform
Concen: 35.26 ug/L
RT: 10.401 min Scan# 3340
Delta R.T. 0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:173 Resp: 125493

Ion	Ratio	Lower	Upper
173	100		
175	47.9	5.6	45.6#

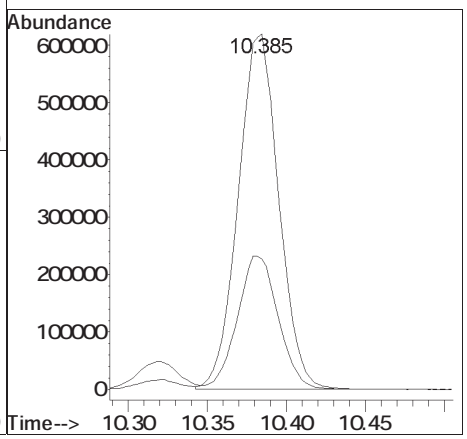


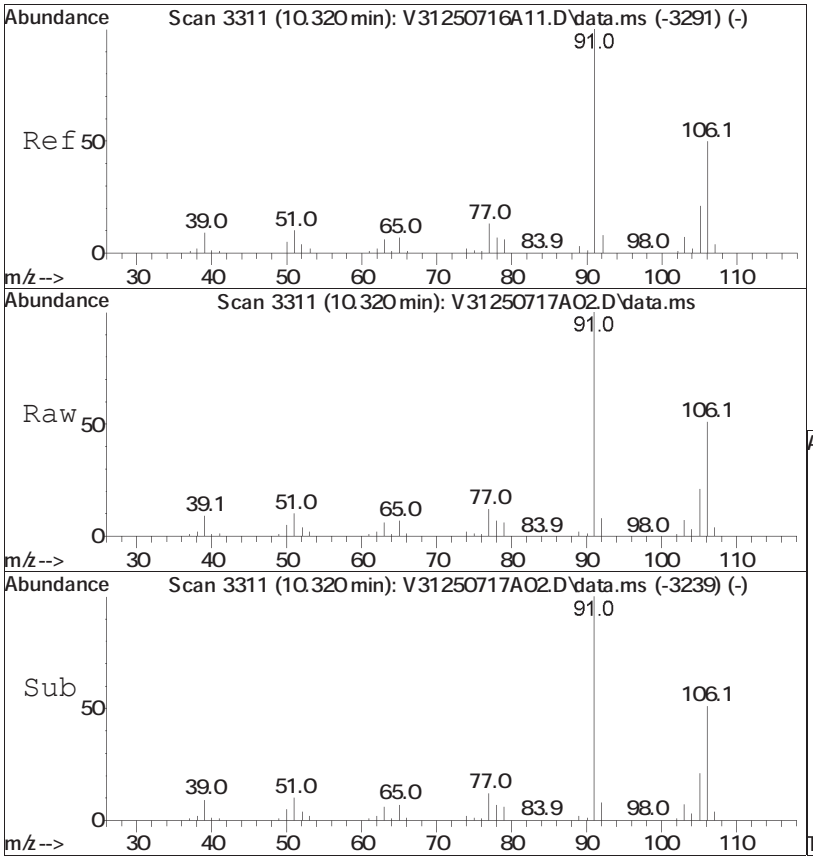


#78
Styrene
Concen: 69.67 ug/L
RT: 10.385 min Scan# 3334
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:104 Resp: 1104134

Ion	Ratio	Lower	Upper
104	100		
78	37.8	32.6	48.8

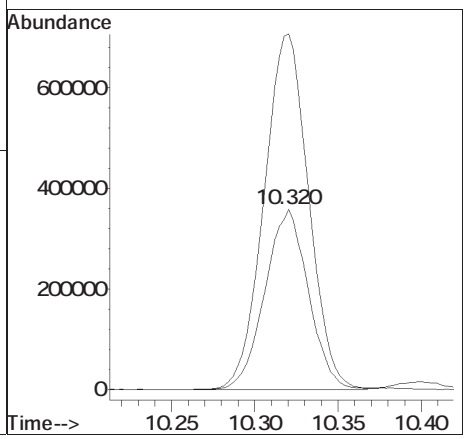


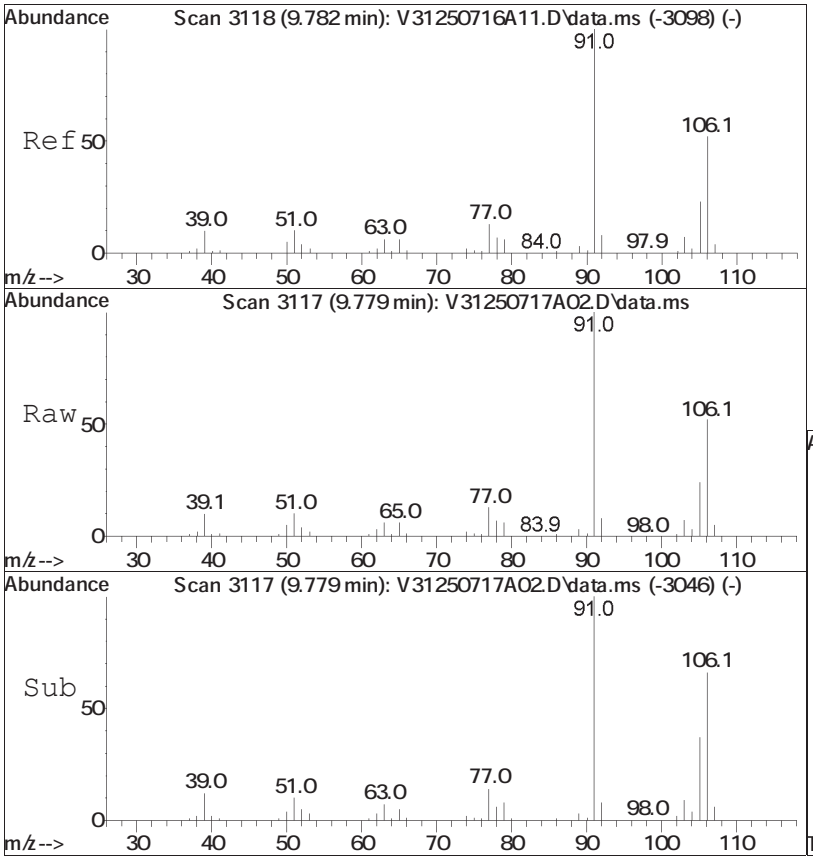


#77
o Xylene
Concen: 75.83 ug/L
RT: 10.320 min Scan# 3311
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:106 Resp: 648309

Ion	Ratio	Lower	Upper
106	100		
91	202.3	164.2	246.4

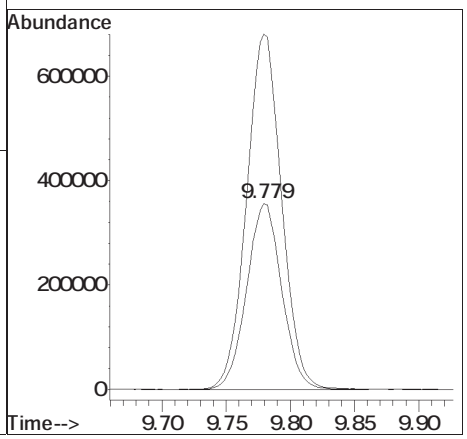


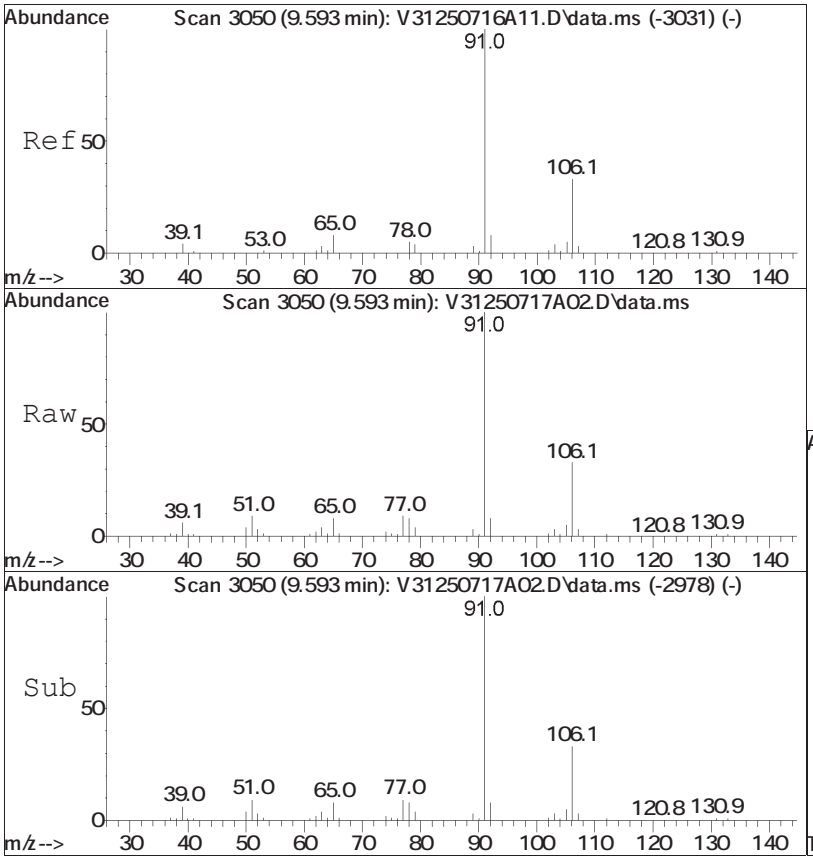


#76
p/m Xylene
Concen: 78.10 ug/L
RT: 9.779 min Scan# 3117
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:106 Resp: 675770

Ion	Ratio	Lower	Upper
106	100		
91	190.9	156.1	234.1

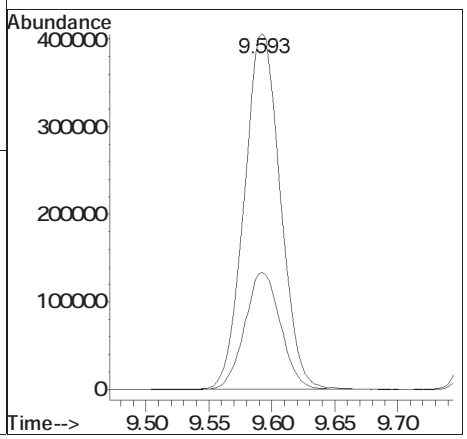


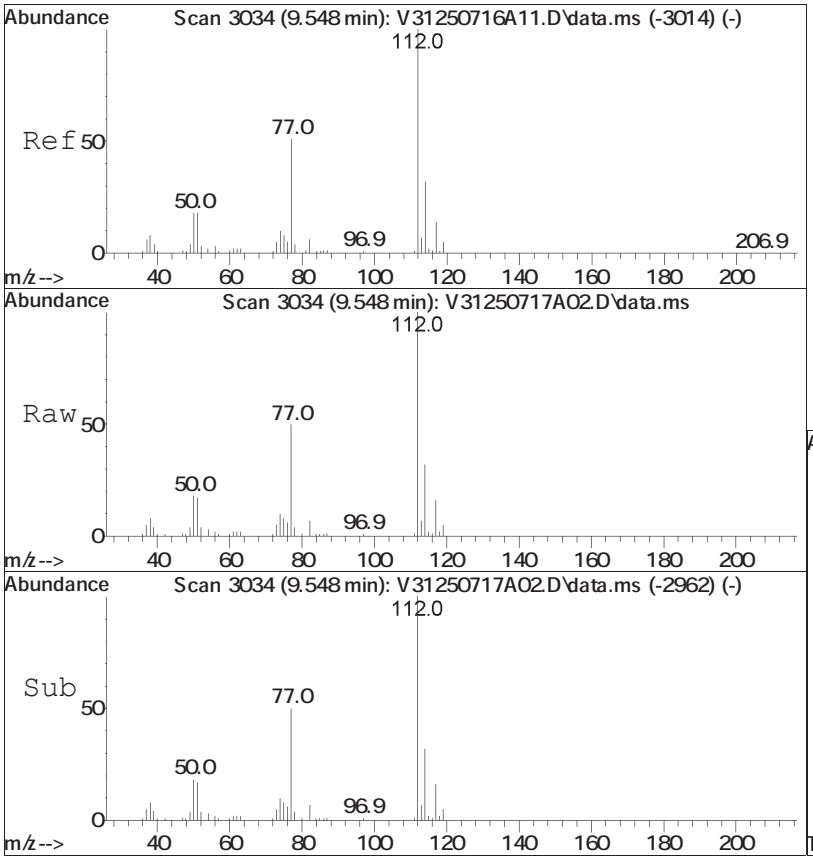


#74
Ethylbenzene
Concen: 39.18 ug/L
RT: 9.593 min Scan# 3050
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 91 Resp: 810196

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.9	38.9

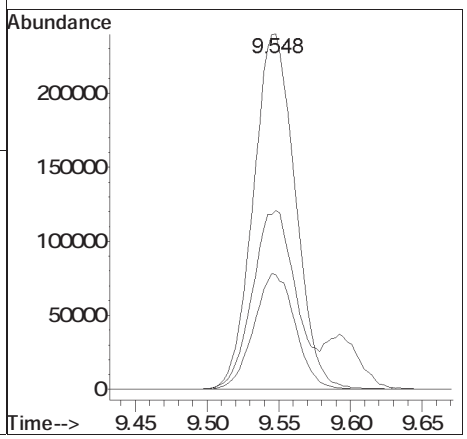


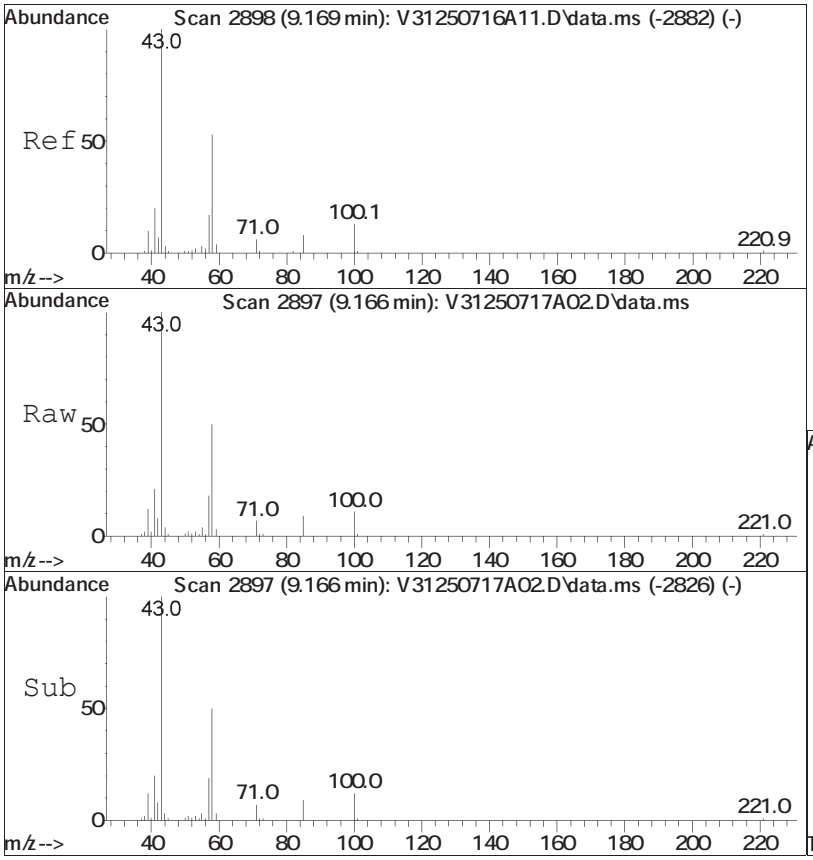


#73
Chlorobenzene
Concen: 38.71 ug/L
RT: 9.548 min Scan# 3034
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:112 Resp: 488444

Ion	Ratio	Lower	Upper
112	100		
77	52.7	44.6	67.0
114	32.3	25.5	38.3

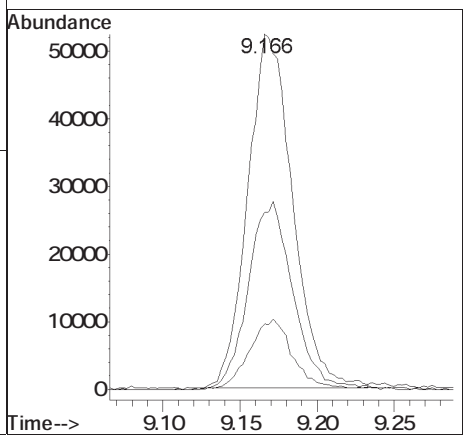


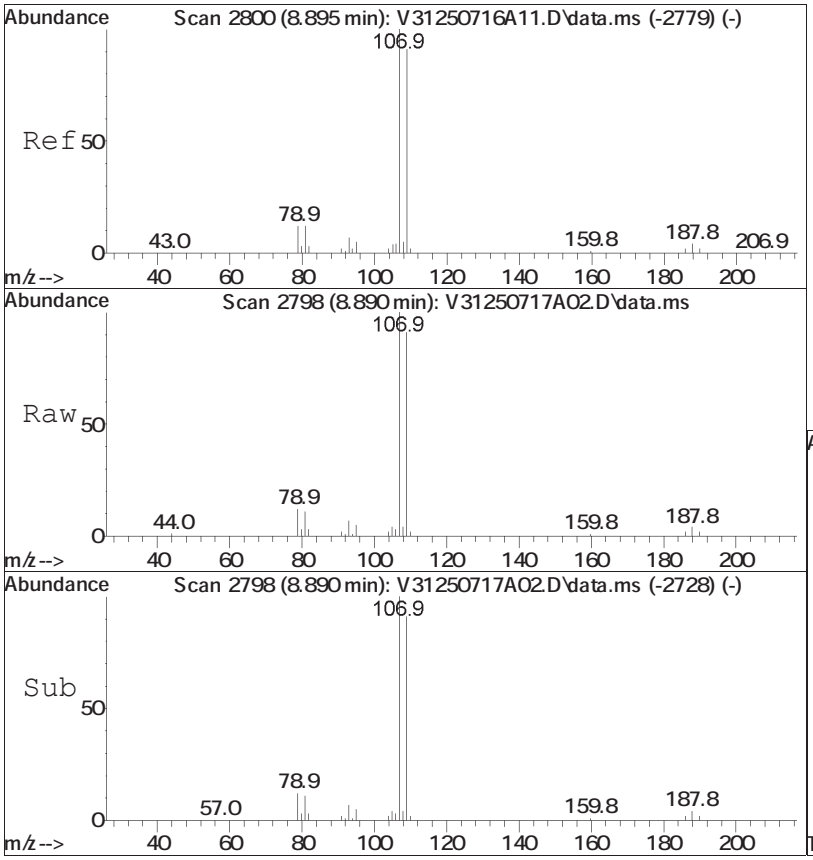


#72
2-Hexanone
Concen: 34.74 ug/L
RT: 9.166 min Scan# 2897
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 43 Resp: 106261

Ion	Ratio	Lower	Upper
43	100		
58	52.9	43.1	64.7
57	19.1	6.8	10.2#

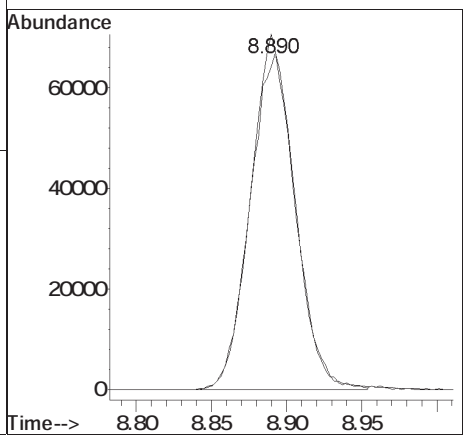


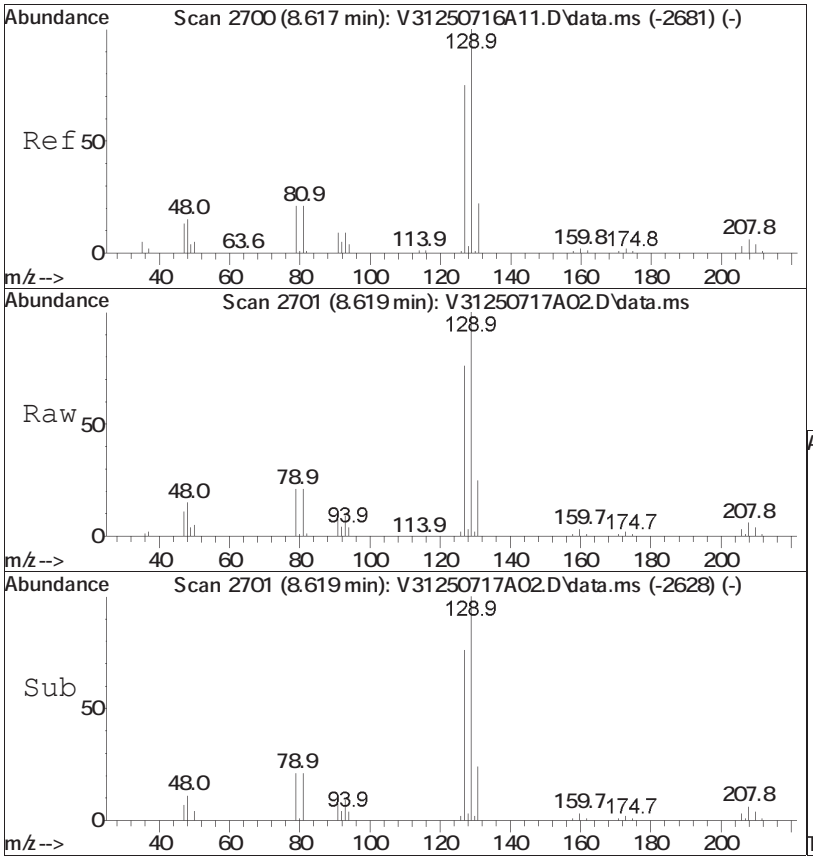


#71
1,2-Dibromoethane
Concen: 38.04 ug/L
RT: 8.890 min Scan# 2798
Delta R.T. -0.006 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:107 Resp: 144484

Ion	Ratio	Lower	Upper
107	100		
109	96.5	74.9	112.3

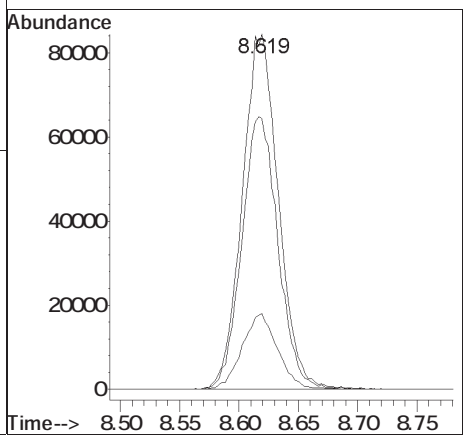


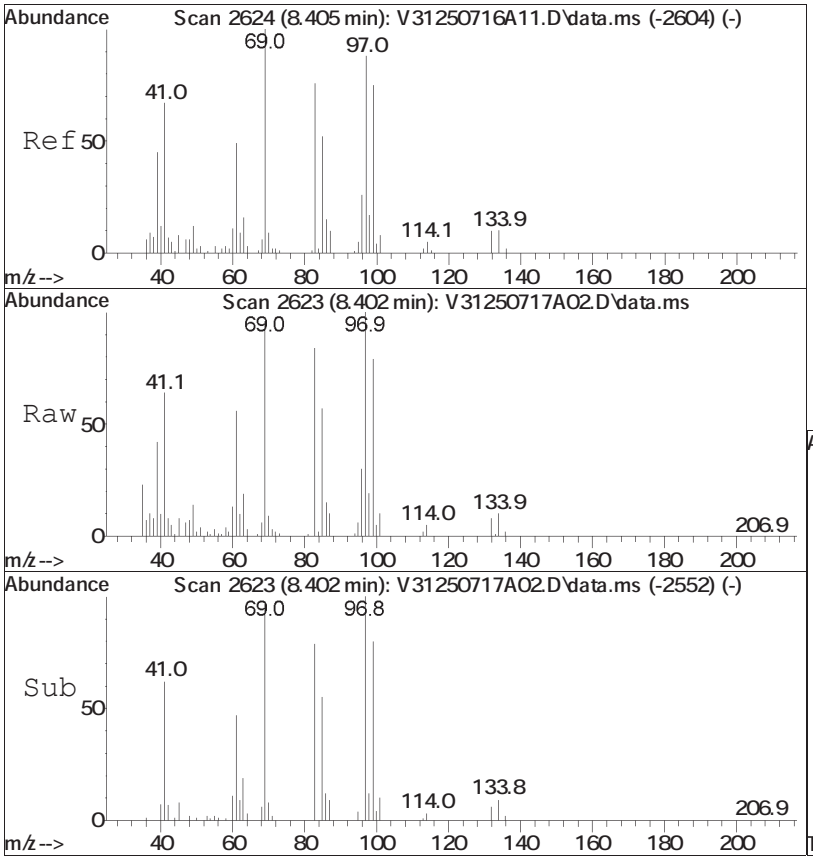


#69
Chlorodibromomethane
Concen: 38.67 ug/L
RT: 8.619 min Scan# 2701
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:129 Resp: 179135

Ion	Ratio	Lower	Upper
129	100		
81	20.8	0.0	36.0
127	76.8	56.7	96.7

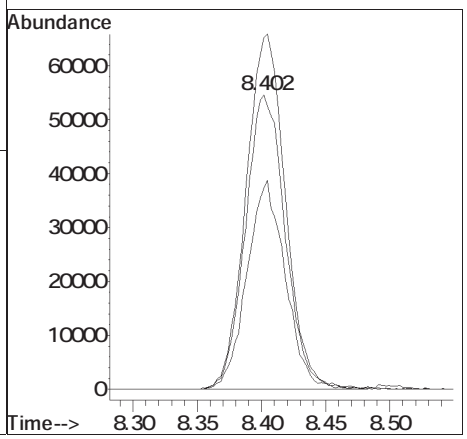


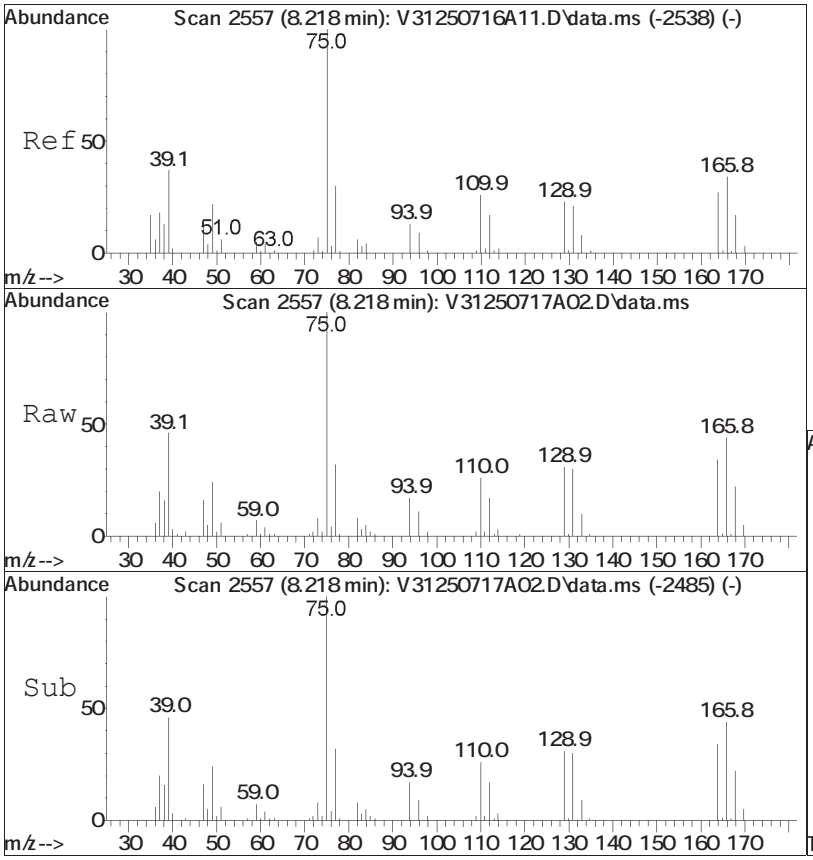


#68
1,1,2-Trichloroethane
Concen: 35.64 ug/L
RT: 8.402 min Scan# 2623
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 83 Resp: 118275

Ion	Ratio	Lower	Upper
83	100		
97	118.8	98.8	138.8
85	68.2	47.6	87.6

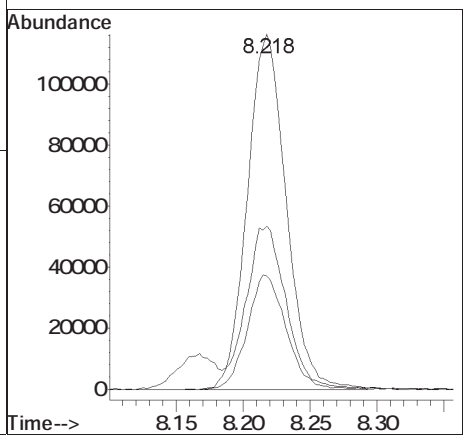


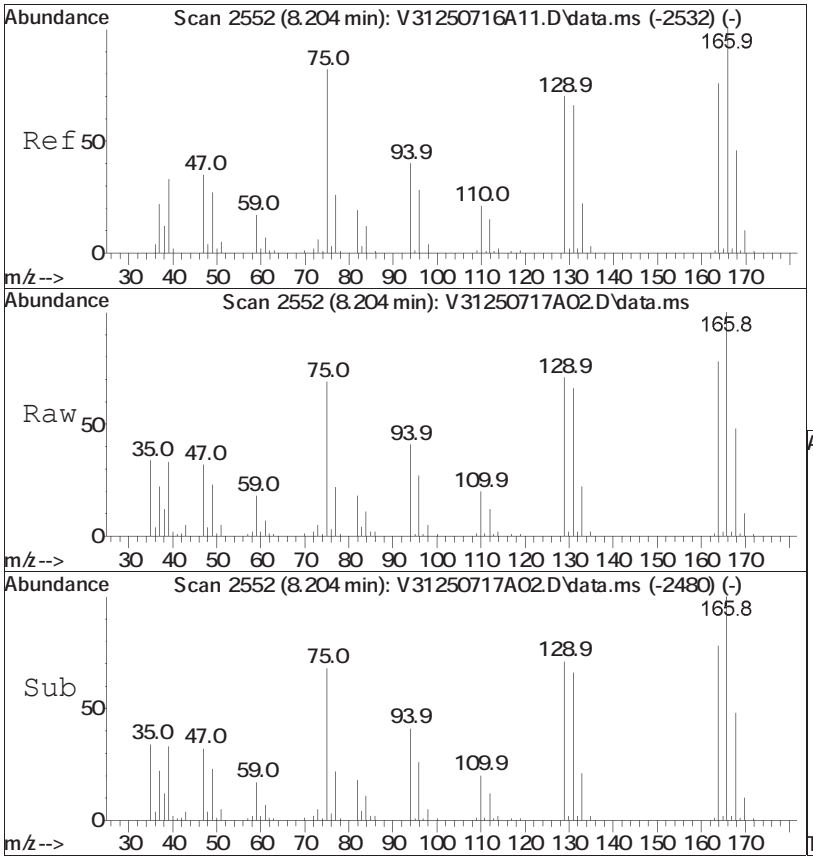


#65
trans-1,3-Dichloropropene
Concen: 38.18 ug/L
RT: 8.218 min Scan# 2557
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 75 Resp: 235118

Ion	Ratio	Lower	Upper
75	100		
77	31.9	12.1	52.1
39	46.7	30.1	70.1

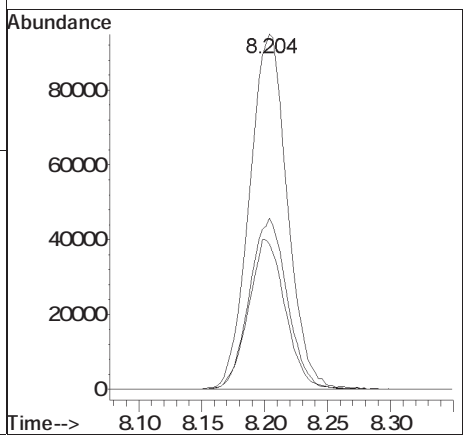


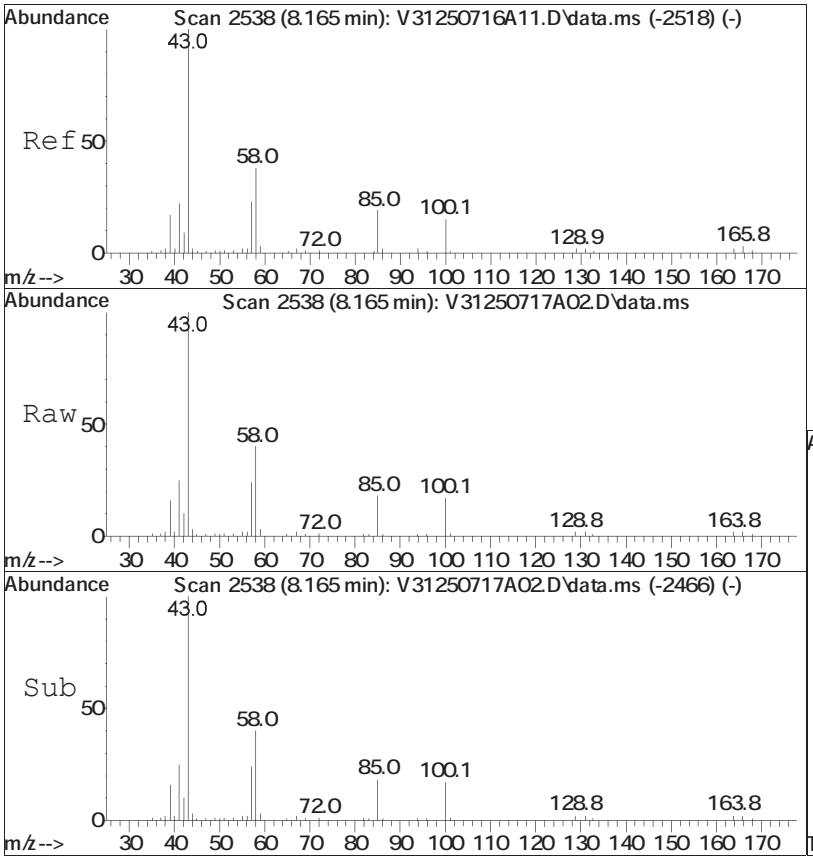


#63
Tetrachloroethene
Concen: 42.67 ug/L
RT: 8.204 min Scan# 2552
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:166 Resp: 199529

Ion	Ratio	Lower	Upper
166	100		
168	48.0	3.6	43.6#
94	41.0	19.9	59.9

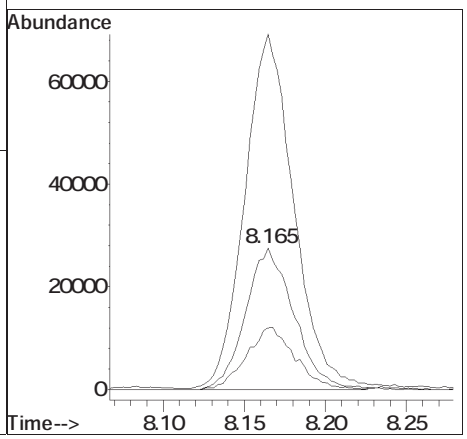


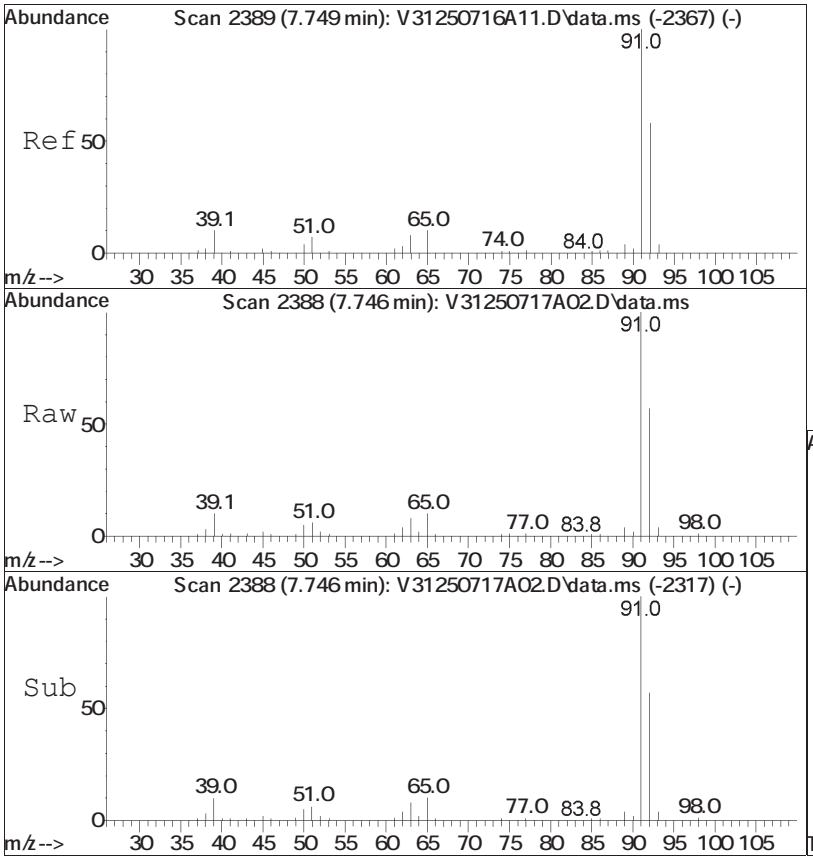


#62
4-Methyl-2-pentanone
Concen: 37.64 ug/L
RT: 8.165 min Scan# 2538
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 58 Resp: 56917

Ion	Ratio	Lower	Upper
58	100		
100	44.2	14.2	21.2#
43	255.1	203.6	305.4

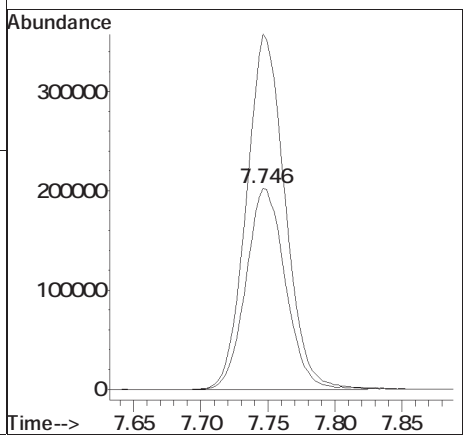


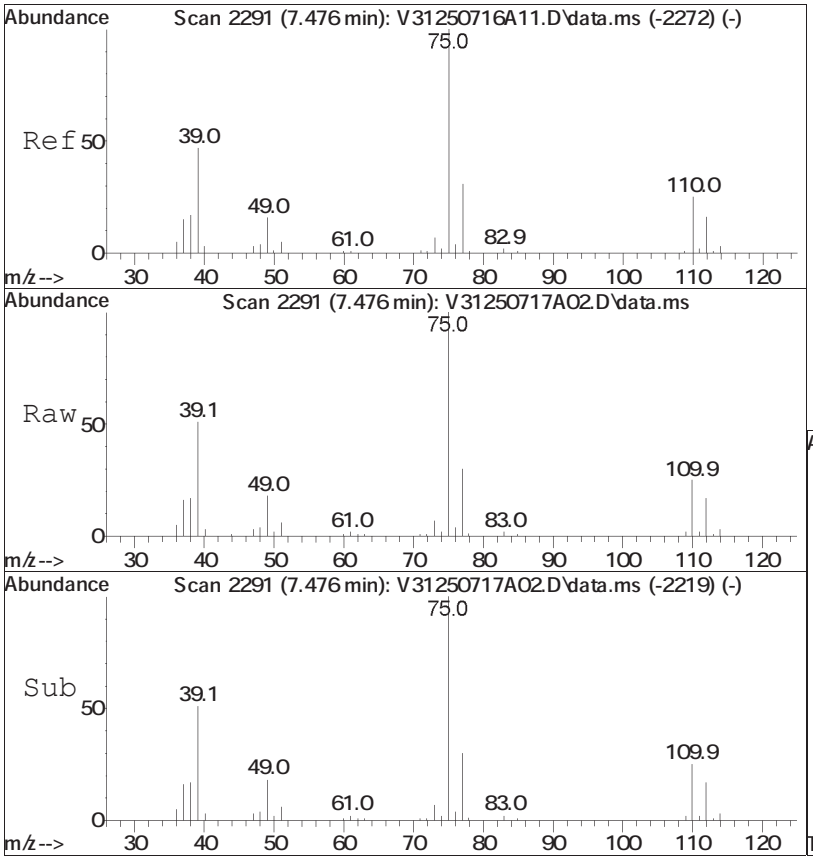


#61
Toluene
Concen: 38.53 ug/L
RT: 7.746 min Scan# 2388
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 92 Resp: 414091

Ion	Ratio	Lower	Upper
92	100		
91	173.1	135.0	202.4

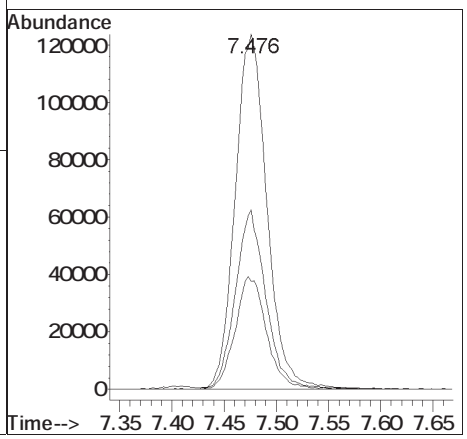


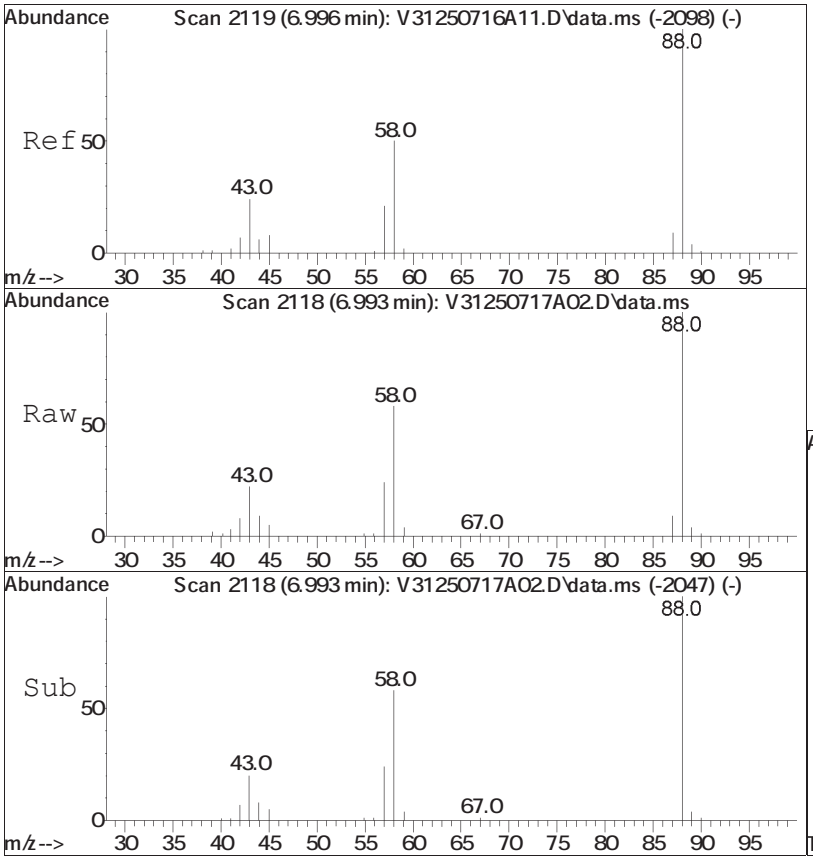


#58
cis-1,3-Dichloropropene
Concen: 37.86 ug/L
RT: 7.476 min Scan# 2291
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 75 Resp: 262303

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
39	47.4	41.4	62.0

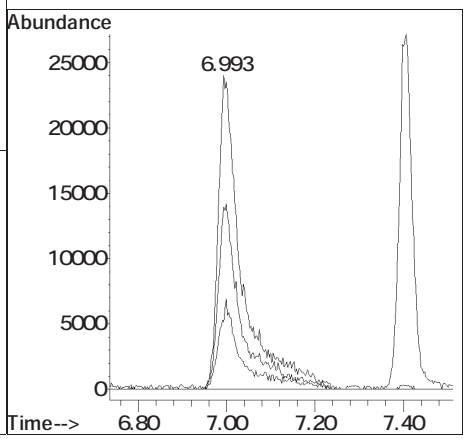


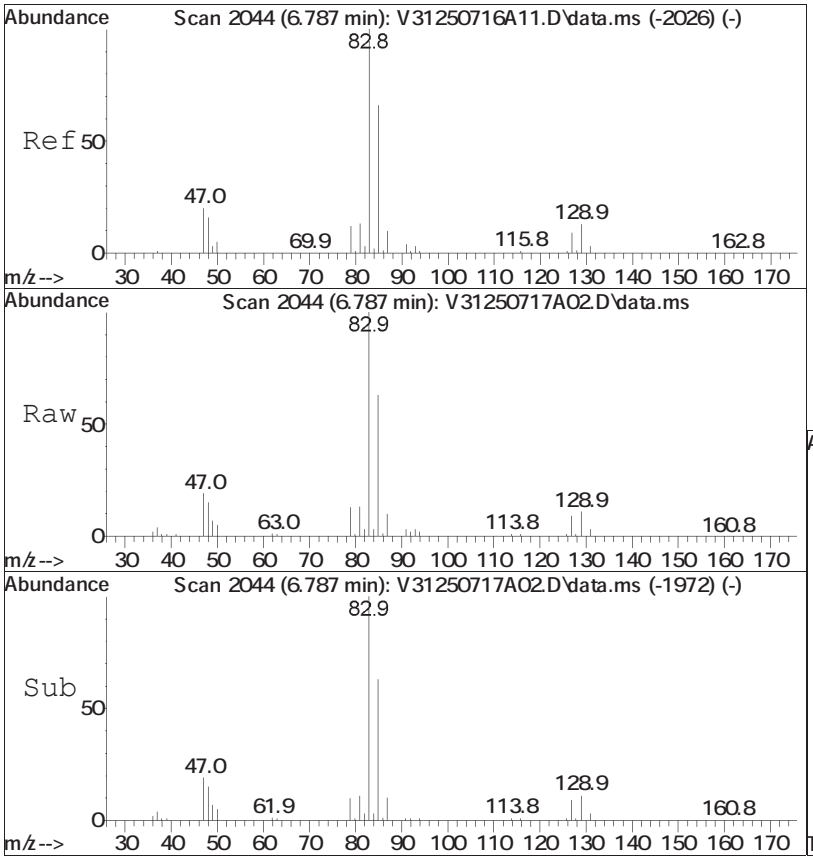


#57
1,4-Dioxane
Concen: 2070.02 ug/L M1
RT: 6.993 min Scan# 2118
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 88 Resp: 90338

Ion	Ratio	Lower	Upper
88	100		
58	44.9	51.6	77.4#
43	21.4	10.0	15.0#

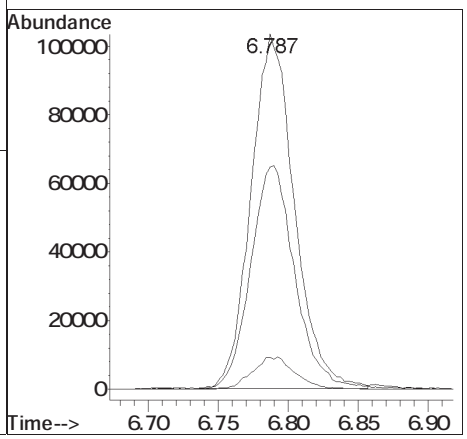


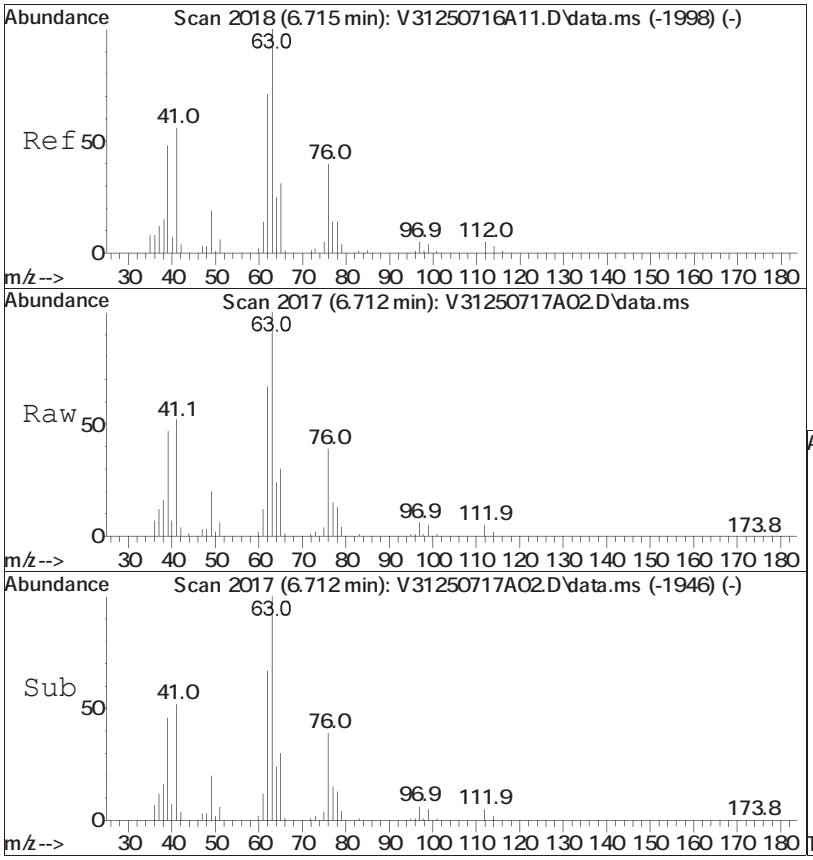


#54
Bromodichloromethane
Concen: 36.67 ug/L
RT: 6.787 min Scan# 2044
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 83 Resp: 223051

Ion	Ratio	Lower	Upper
83	100		
85	64.6	25.6	38.4#
127	9.1	7.5	11.3

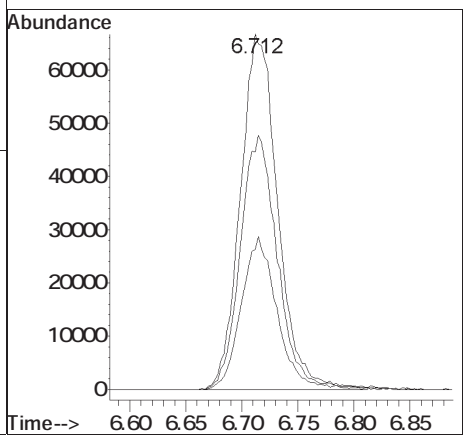


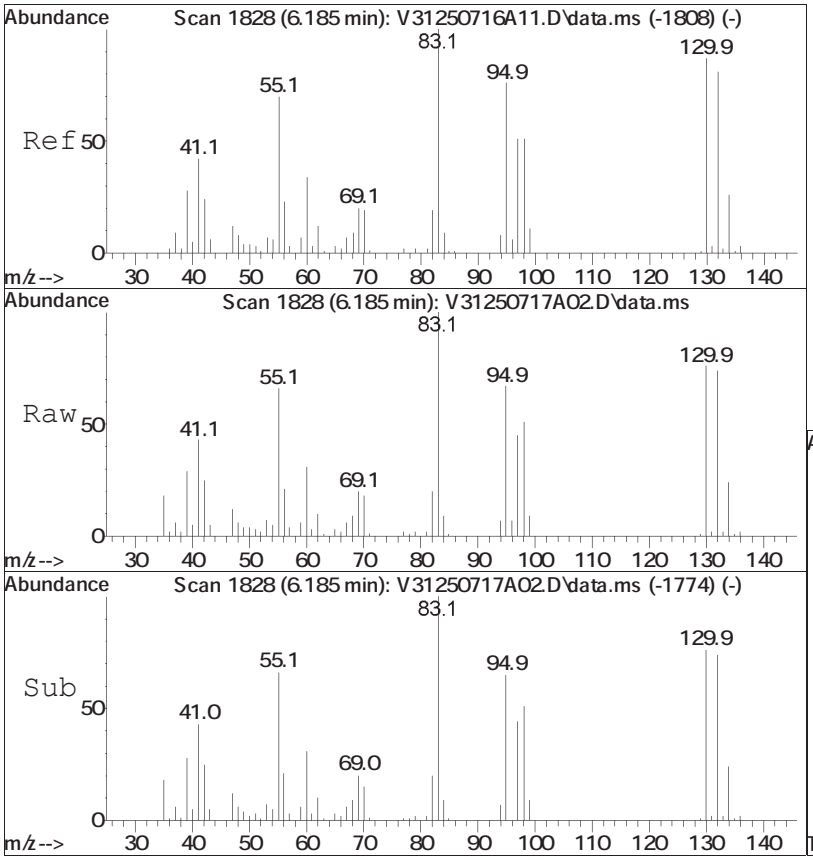


#51
1,2-Dichloropropane
Concen: 36.46 ug/L
RT: 6.712 min Scan# 2017
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 63 Resp: 154694

Ion	Ratio	Lower	Upper
63	100		
62	70.2	56.2	84.2
76	40.7	35.0	52.4

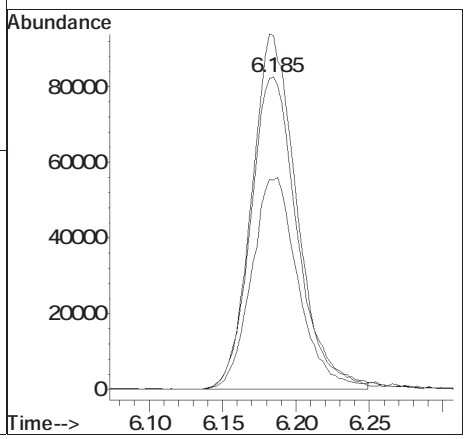


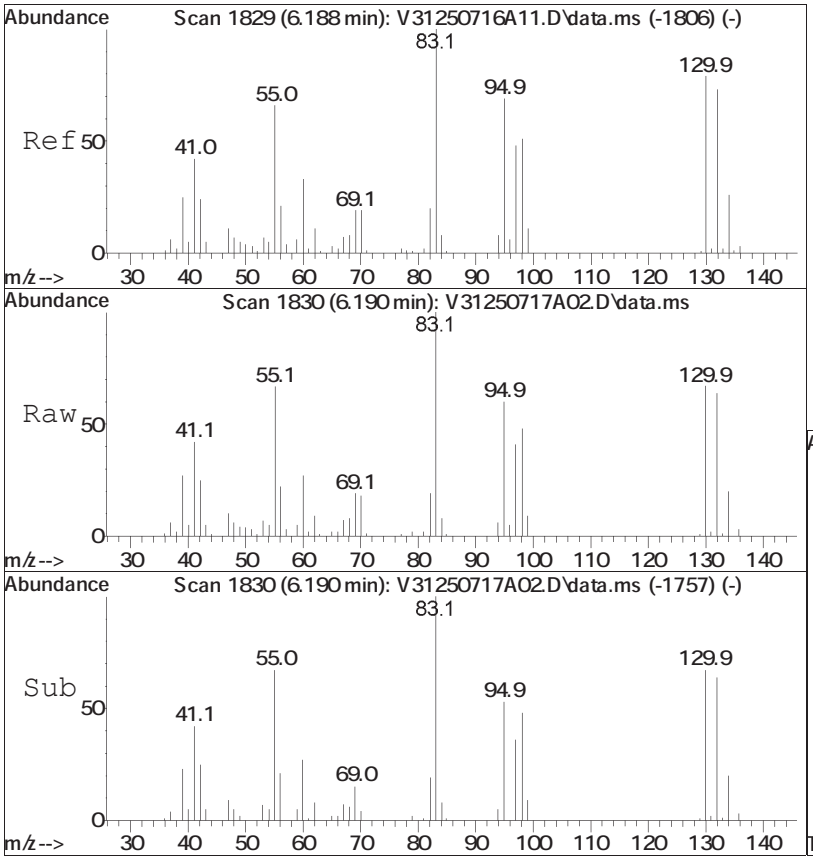


#48
Trichloroethene
Concen: 37.73 ug/L
RT: 6.185 min Scan# 1828
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 95 Resp: 182133

Ion	Ratio	Lower	Upper
95	100		
97	68.5	54.8	82.2
130	111.5	86.9	130.3

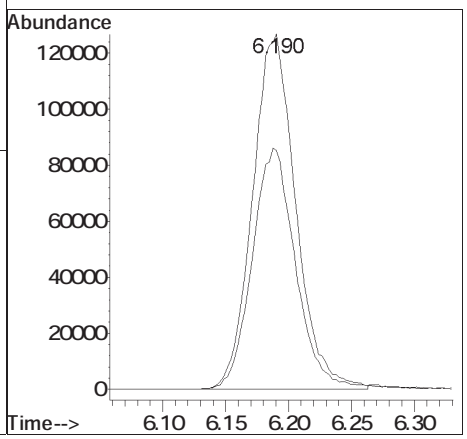


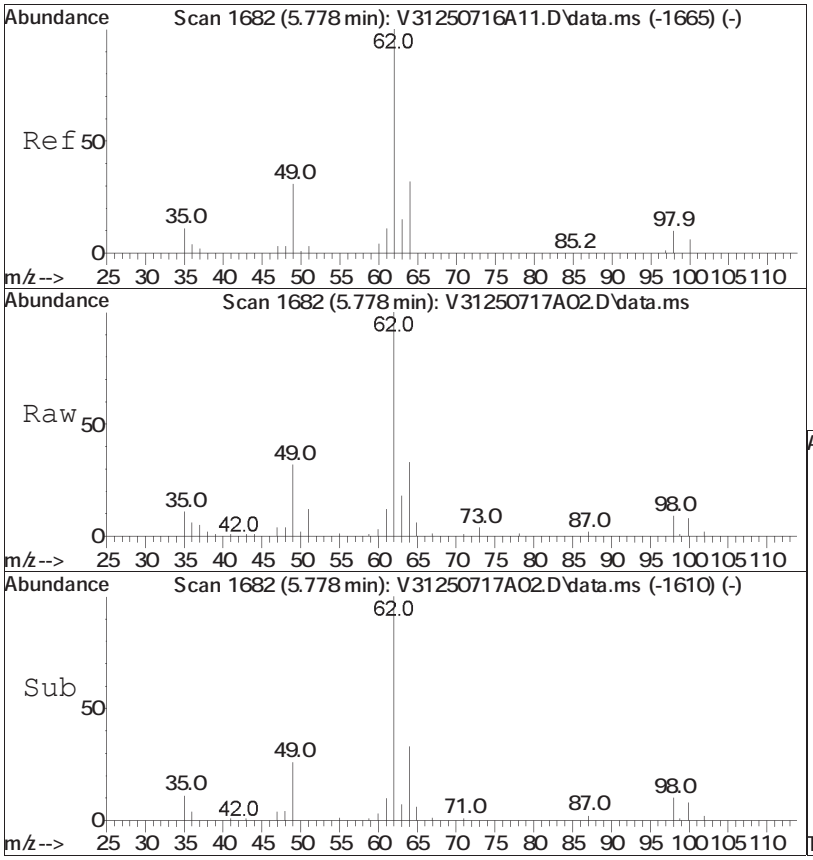


#47
Methyl cyclohexane
Concen: 40.61 ug/L
RT: 6.190 min Scan# 1830
Delta R.T. 0.002 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 83 Resp: 302647

Ion	Ratio	Lower	Upper
83	100		
55	68.8	58.7	88.1

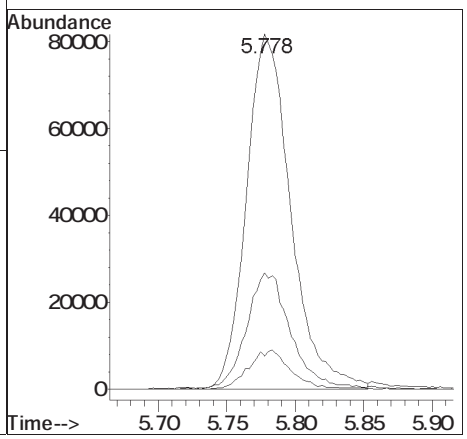


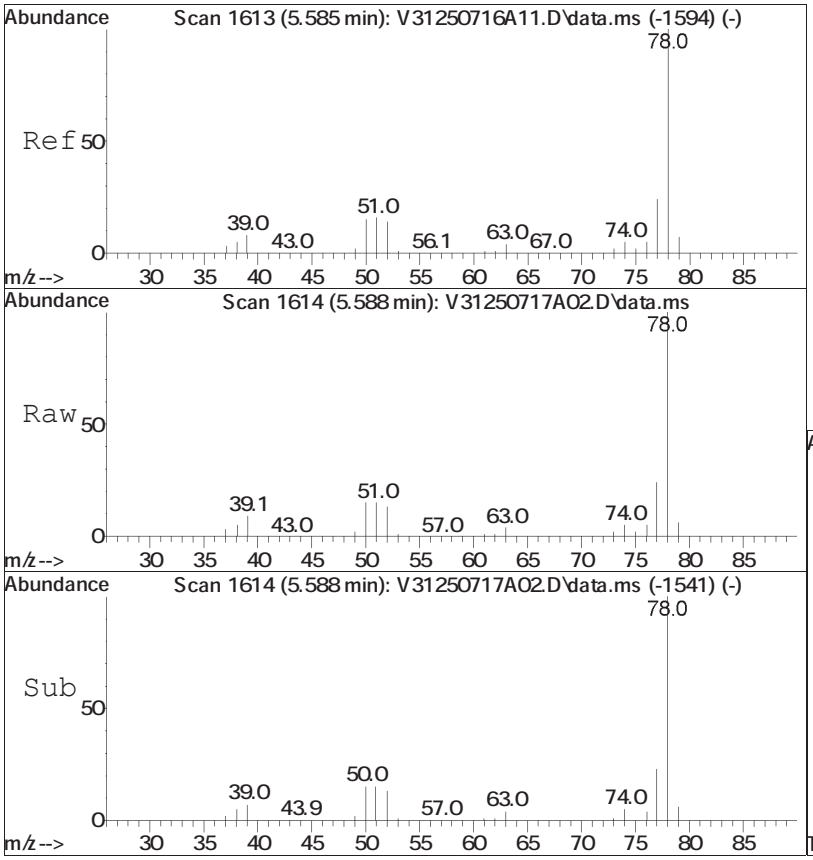


#44
1,2-Dichloroethane
Concen: 35.97 ug/L
RT: 5.778 min Scan# 1682
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 62 Resp: 184317

Ion	Ratio	Lower	Upper
62	100		
64	31.6	12.4	52.4
98	10.7	0.0	29.5

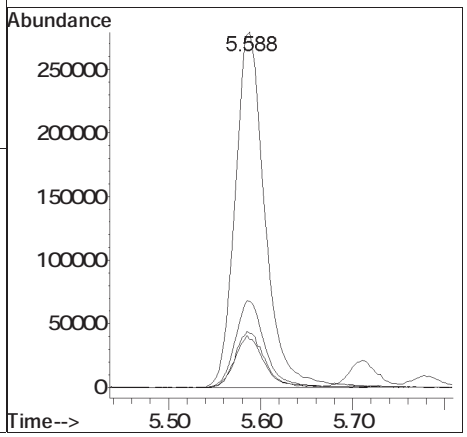


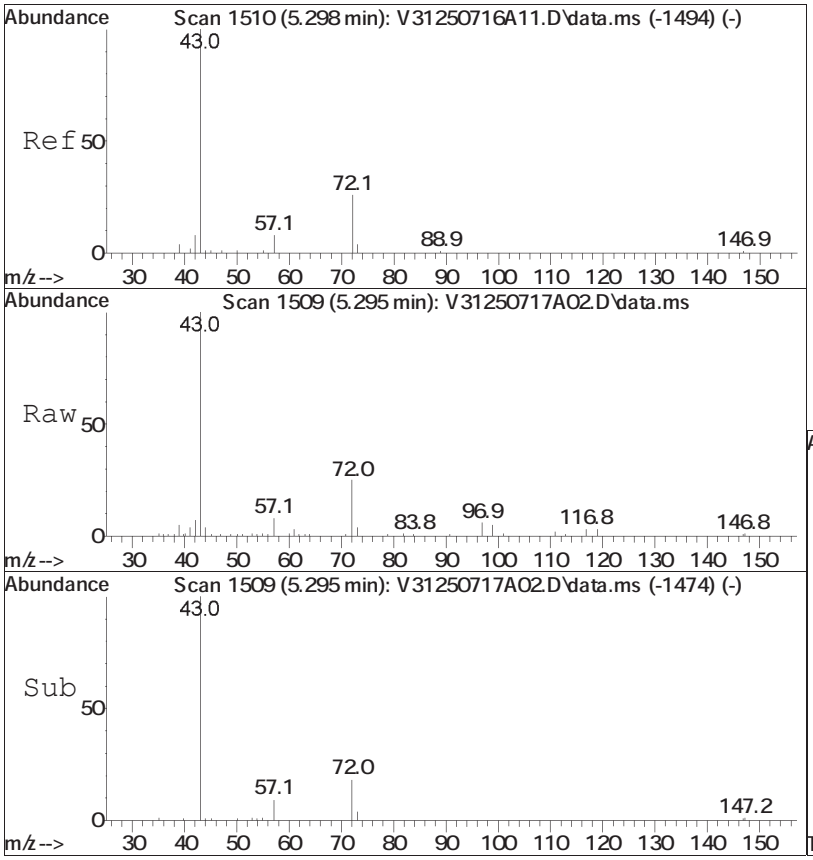


#41
Benzene
Concen: 38.33 ug/L
RT: 5.588 min Scan# 1614
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 78 Resp: 628963

Ion	Ratio	Lower	Upper
78	100		
77	24.4	15.4	32.0
51	15.8	10.8	22.4
52	14.1	10.2	21.2

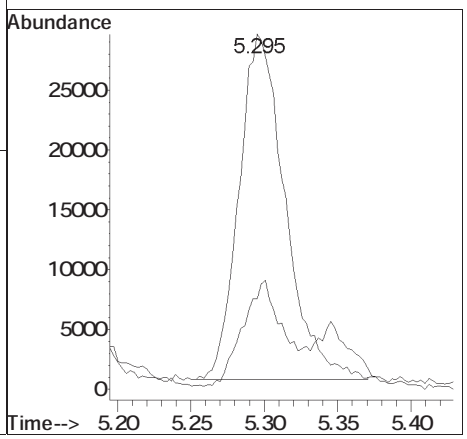


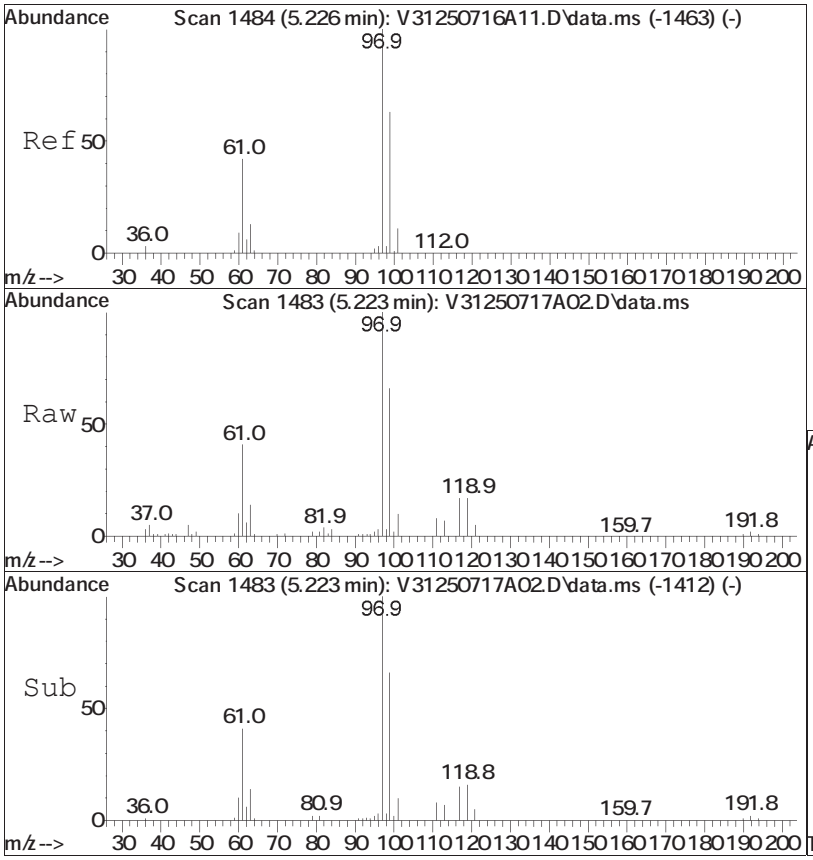


#39
2-Butanone
Concen: 33.86 ug/L
RT: 5.295 min Scan# 1509
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 43 Resp: 63244

Ion	Ratio	Lower	Upper
43	100		
72	26.8	11.4	17.2#

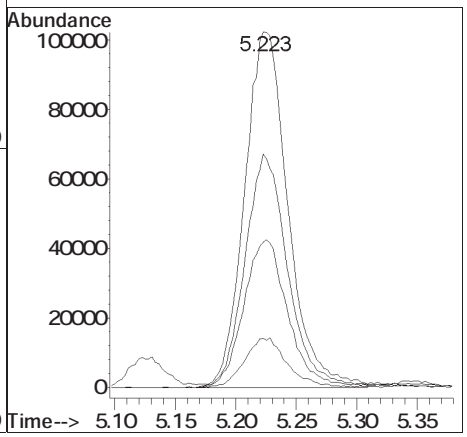


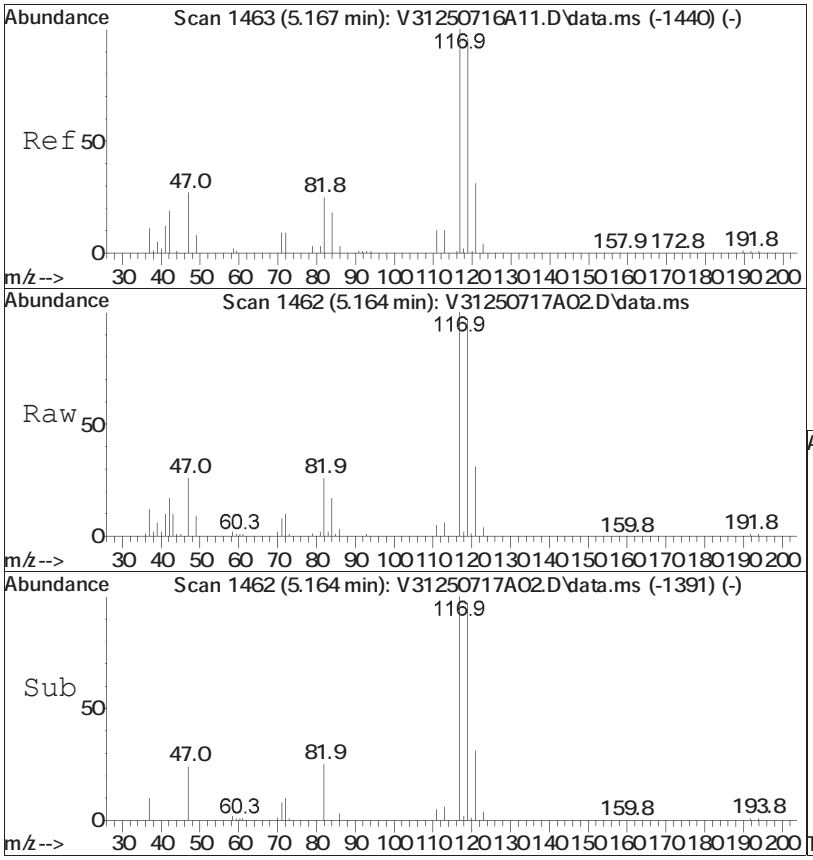


#37
1,1,1-Trichloroethane
Concen: 41.10 ug/L
RT: 5.223 min Scan# 1483
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 97 Resp: 255891

Ion	Ratio	Lower	Upper
97	100		
99	64.2	42.1	87.3
61	40.4	13.1	27.1#
63	13.7	4.0	8.4#

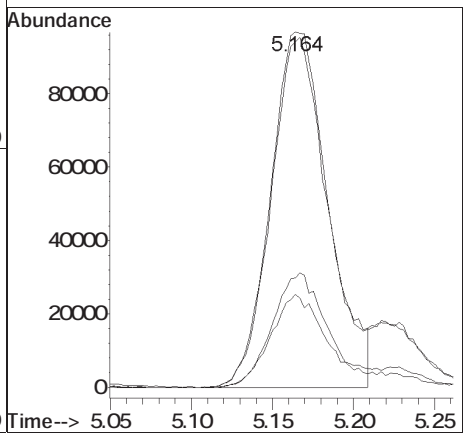


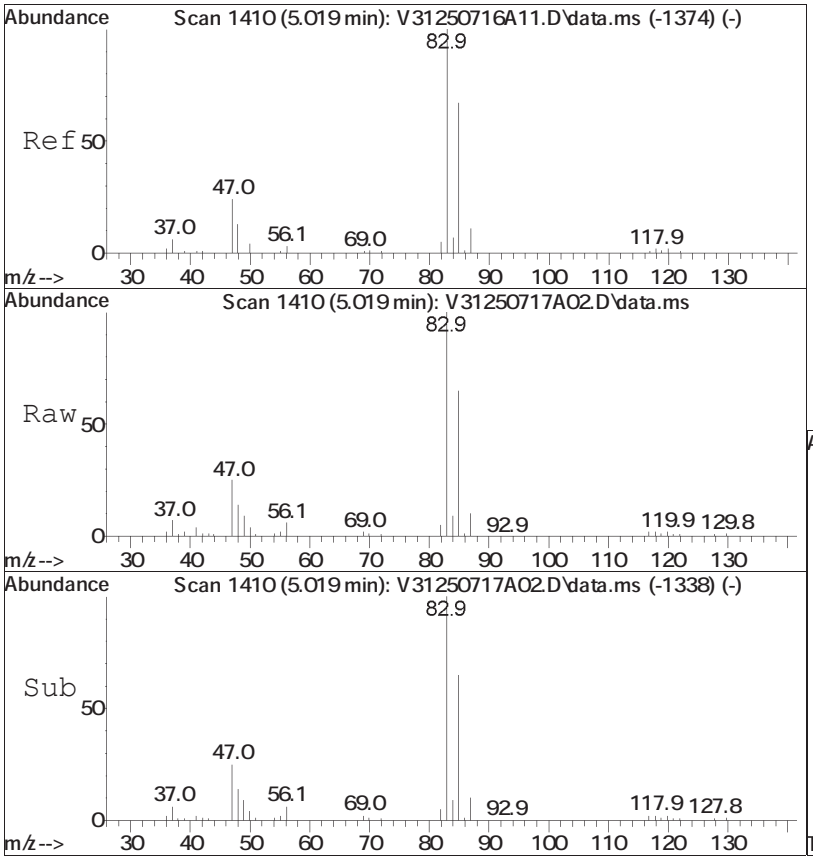


#34
Carbon tetrachloride
Concen: 41.52 ug/L
RT: 5.164 min Scan# 1462
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:117 Resp: 240561

Ion	Ratio	Lower	Upper
117	100		
119	95.0	62.9	130.5
121	31.9	11.4	23.8#
82	25.5	15.4	32.0

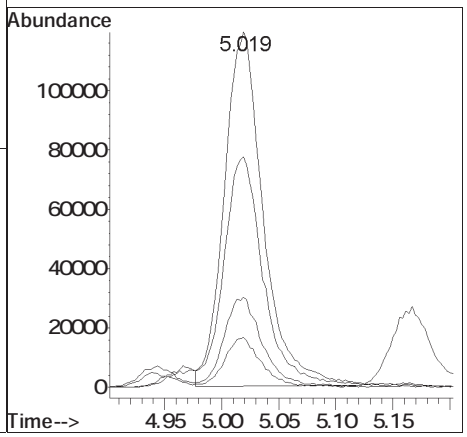


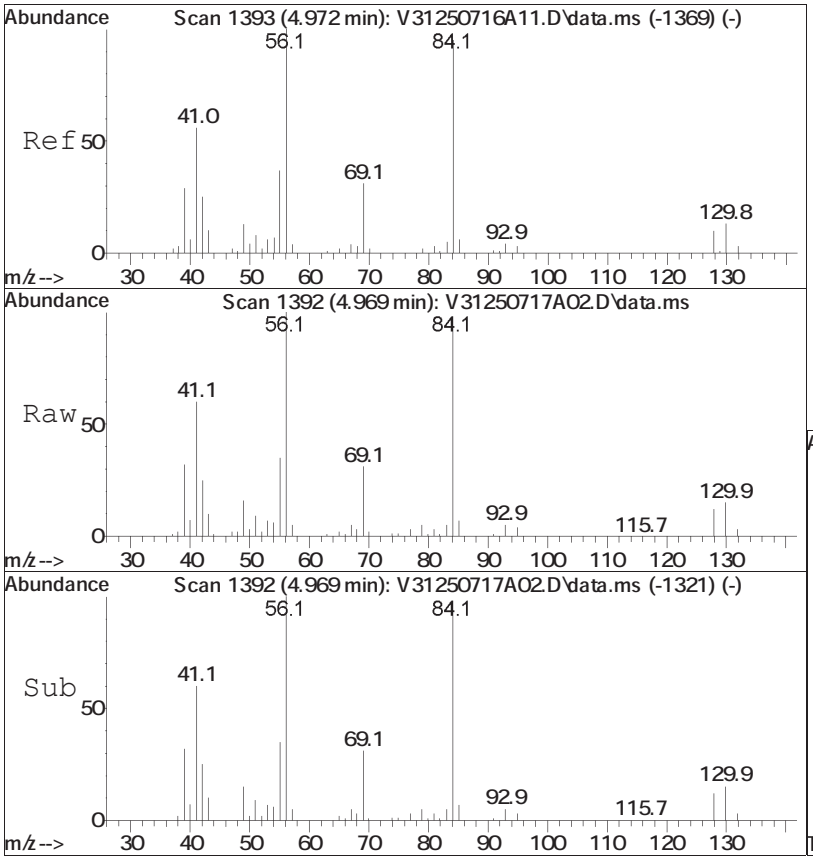


#32
Chloroform
Concen: 35.04 ug/L
RT: 5.019 min Scan# 1410
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 83 Resp: 284522

Ion	Ratio	Lower	Upper
83	100		
85	63.9	41.9	86.9
47	23.7	15.9	32.9
48	12.6	7.9	16.3

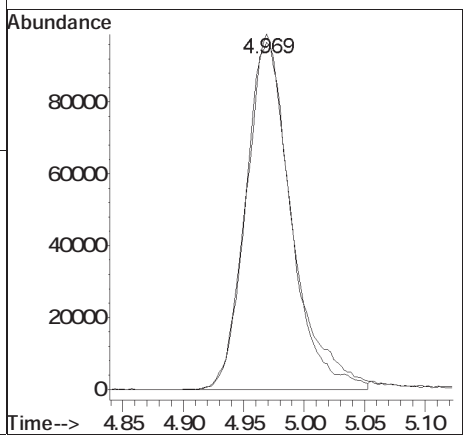


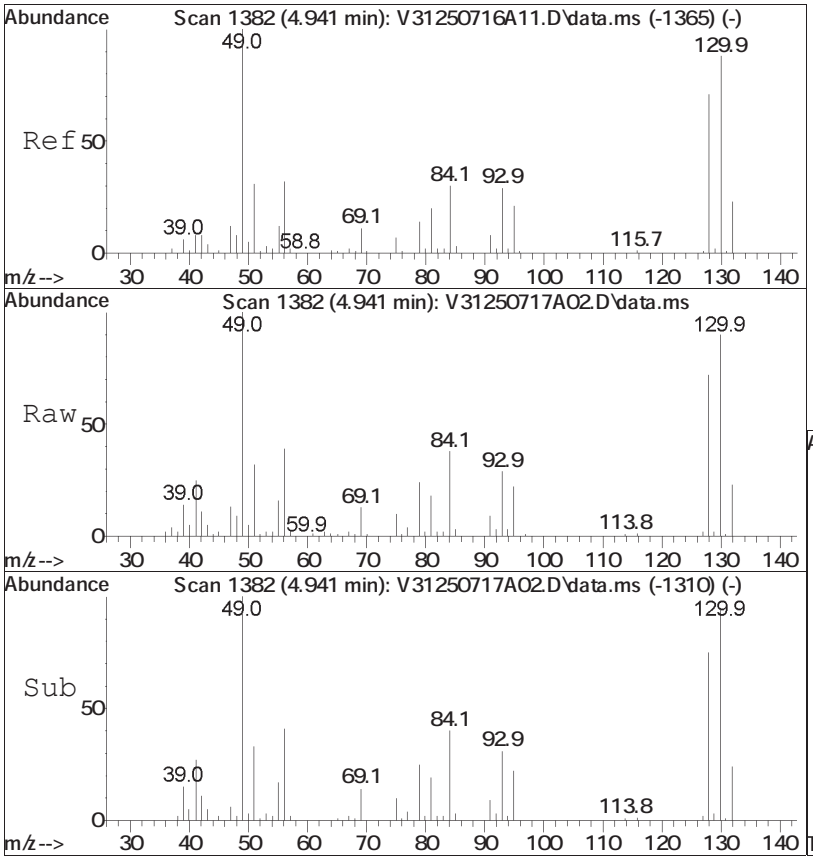


#31
Cyclohexane
Concen: 41.39 ug/L
RT: 4.969 min Scan# 1392
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 56 Resp: 253928

Ion	Ratio	Lower	Upper
56	100		
84	102.5	61.7	128.1

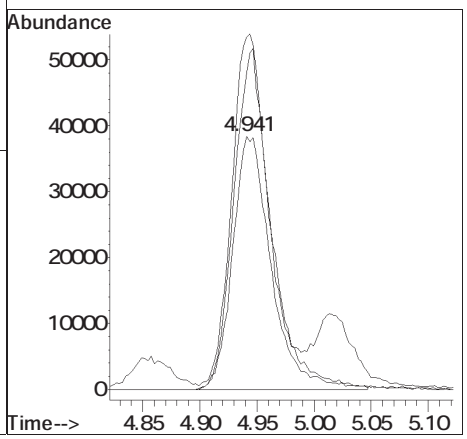


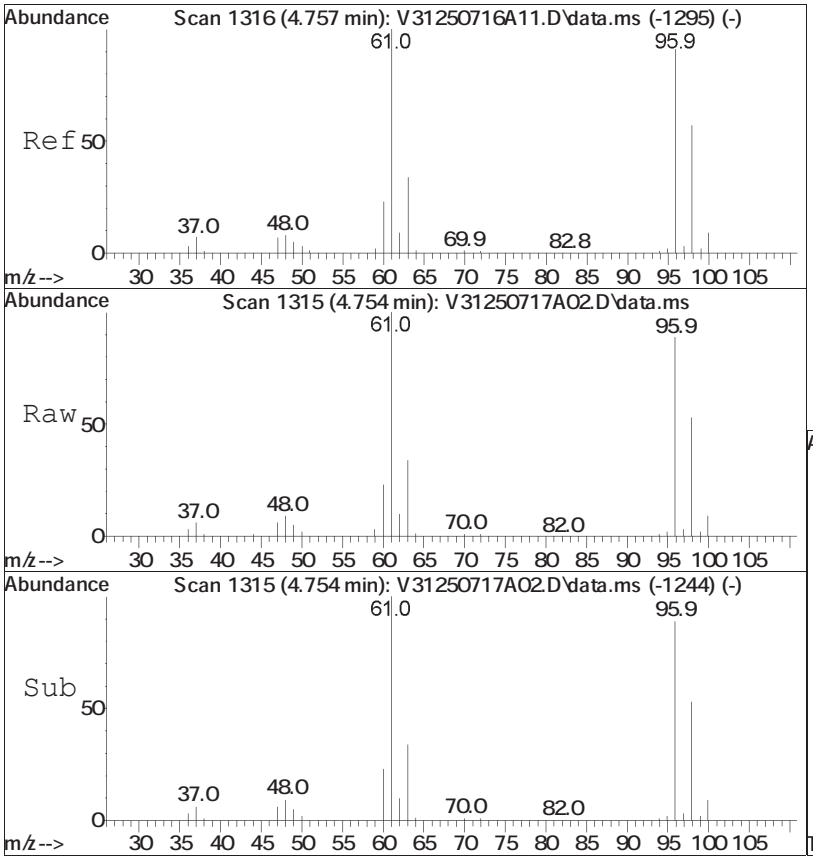


#30
Bromochloromethane
Concen: 36.57 ug/L
RT: 4.941 min Scan# 1382
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:128 Resp: 90379

Ion	Ratio	Lower	Upper
128	100		
49	134.3	112.3	168.5
130	129.4	102.2	153.4

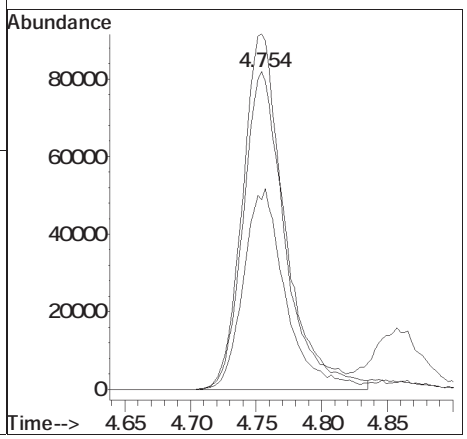


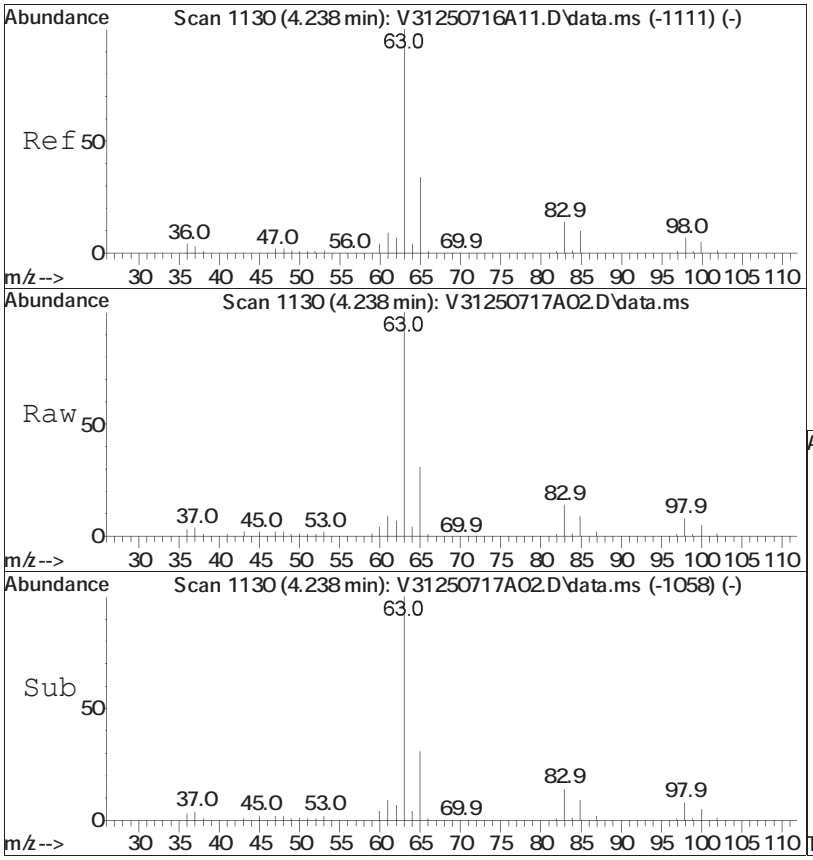


#28
cis-1,2-Dichloroethene
Concen: 37.46 ug/L
RT: 4.754 min Scan# 1315
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 96 Resp: 182347

Ion	Ratio	Lower	Upper
96	100		
61	111.4	98.6	147.8
98	63.1	51.8	77.6

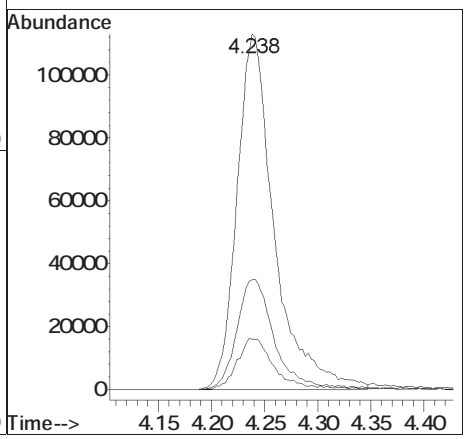


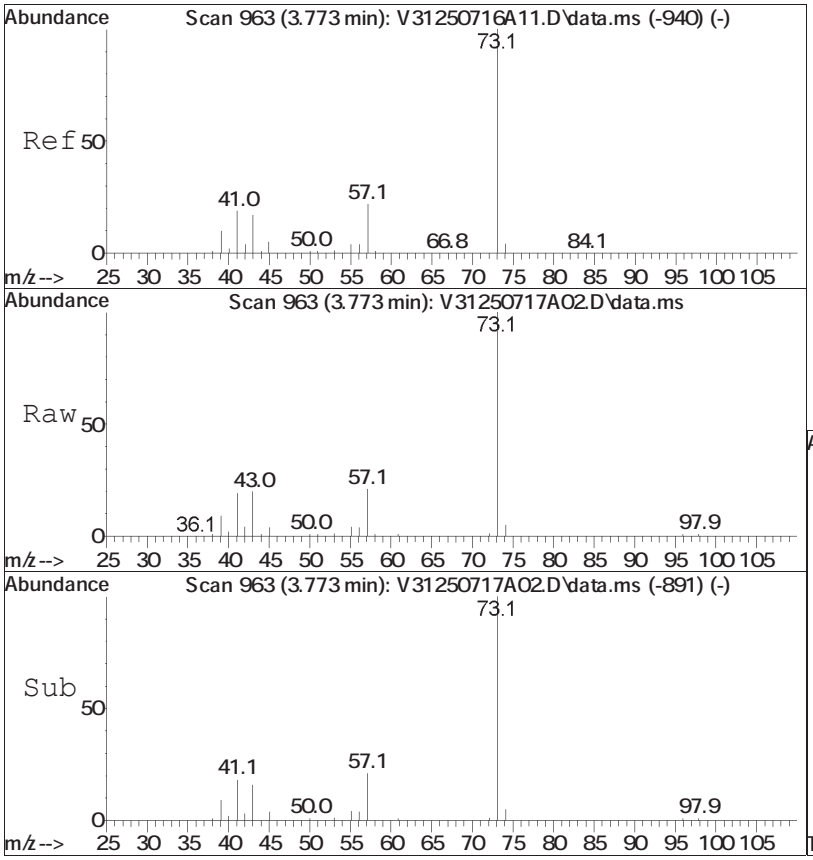


#23
1,1-Dichloroethane
Concen: 38.12 ug/L
RT: 4.238 min Scan# 1130
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 63 Resp: 276076

Ion	Ratio	Lower	Upper
63	100		
65	30.4	11.3	51.3
83	13.8	0.0	33.6

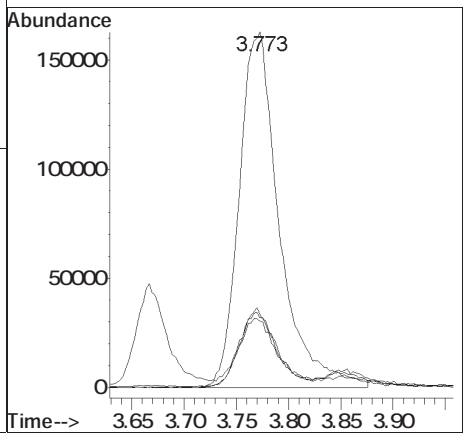


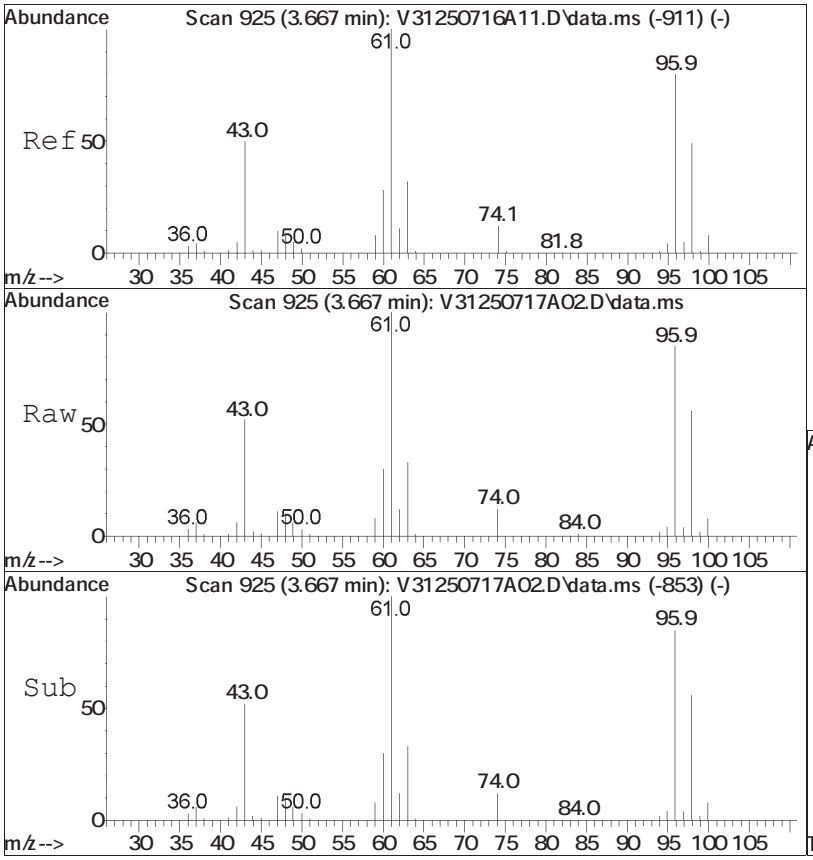


#20
Methyl tert-butyl ether
Concen: 35.16 ug/L
RT: 3.773 min Scan# 963
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 73 Resp: 435038

Ion	Ratio	Lower	Upper
73	100		
57	20.3	13.8	28.6
43	19.2	11.6	24.0
41	18.1	12.8	26.6

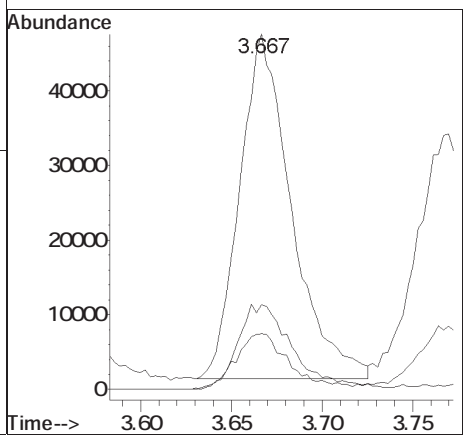


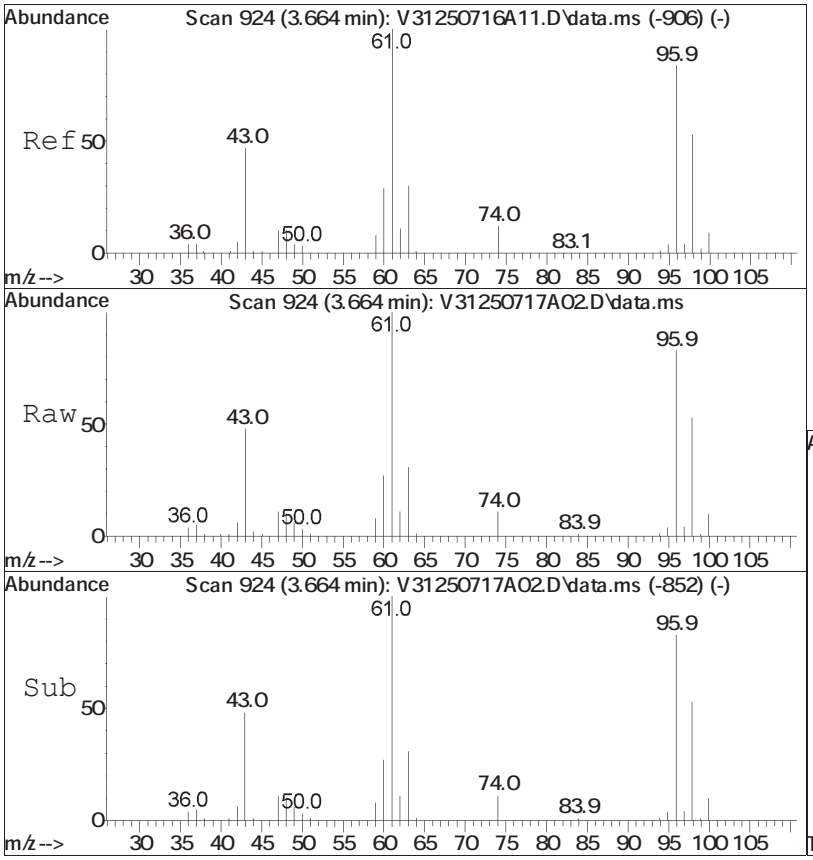


#19
Methyl acetate
Concen: 37.03 ug/L
RT: 3.667 min Scan# 925
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 43 Resp: 92008

Ion	Ratio	Lower	Upper
43	100		
74	25.9	17.1	25.7#
59	16.7	3.1	4.7#

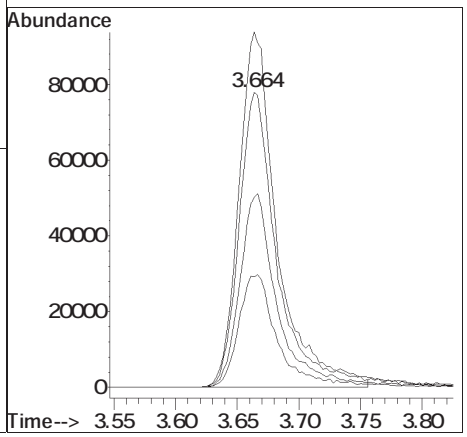


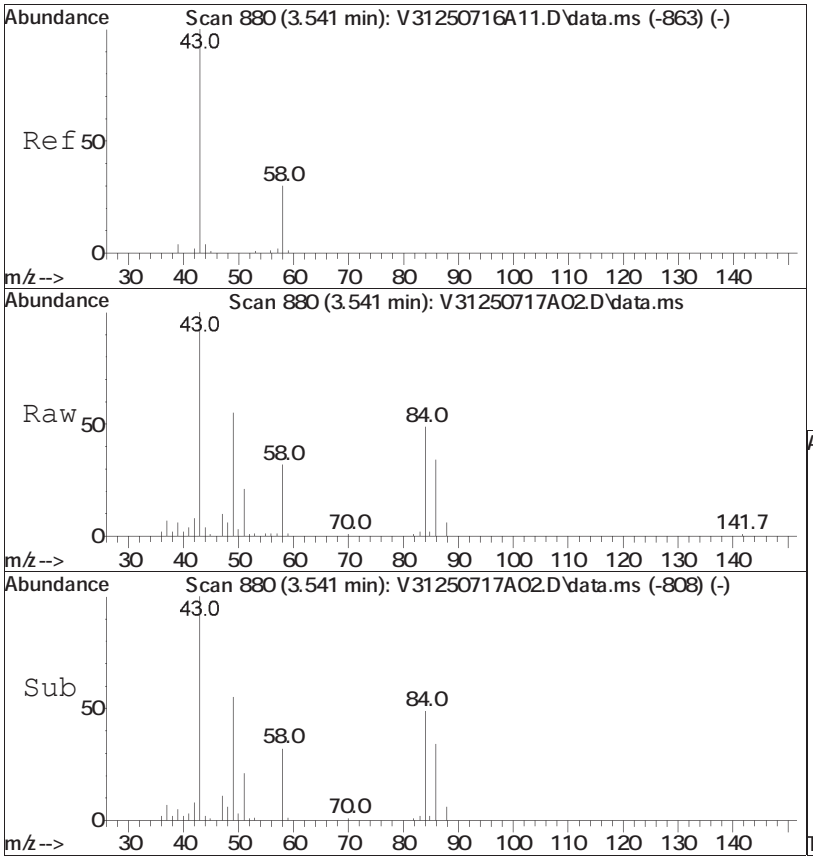


#18
trans-1,2-Dichloroethene
Concen: 37.93 ug/L
RT: 3.664 min Scan# 924
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 96 Resp: 167205

Ion	Ratio	Lower	Upper
96	100		
61	124.1	89.1	185.1
98	62.3	42.1	87.5
63	38.7	28.4	59.0

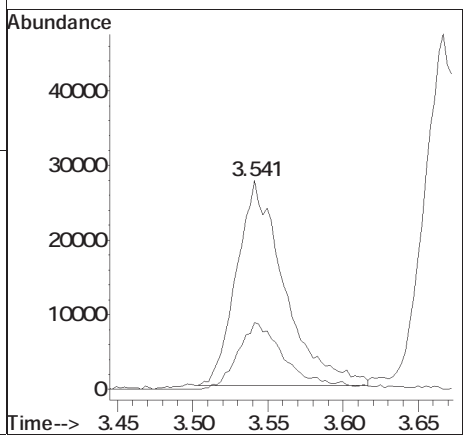


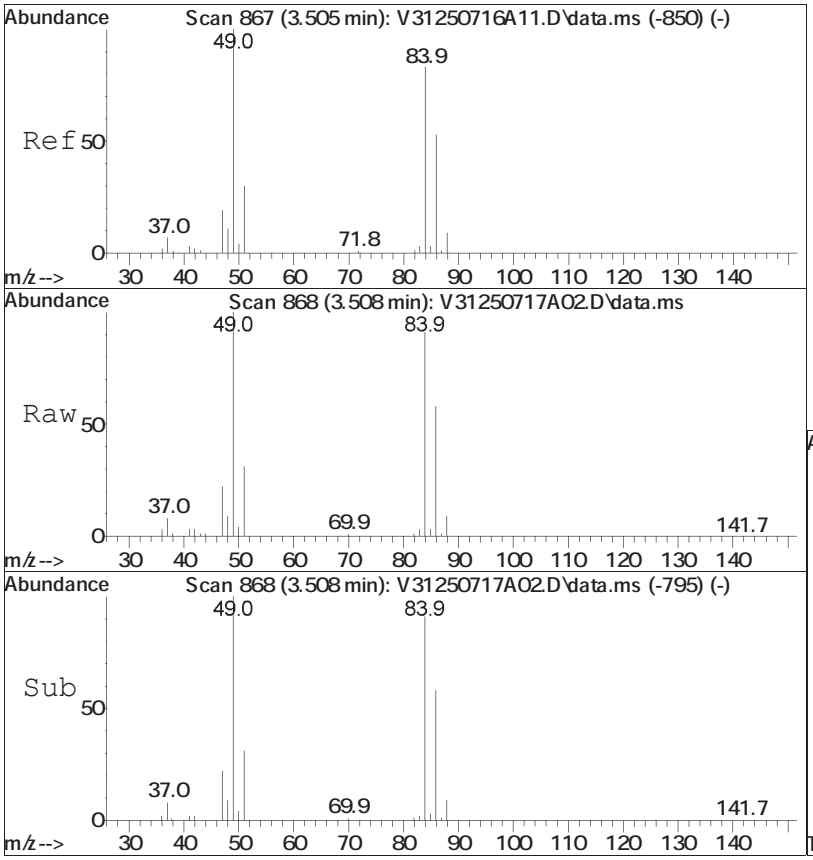


#17
Acetone
Concen: 40.46 ug/L
RT: 3.541 min Scan# 880
Delta R.T. 0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 43 Resp: 60956

Ion	Ratio	Lower	Upper
43	100		
58	31.5	8.4	12.6#

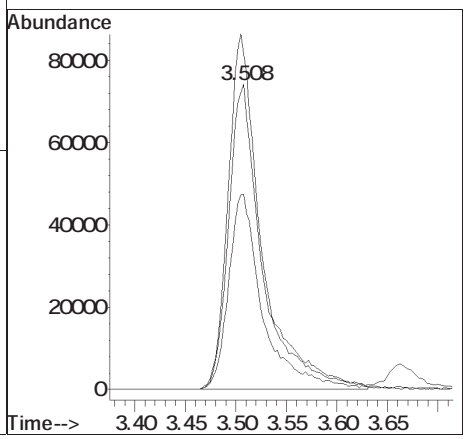


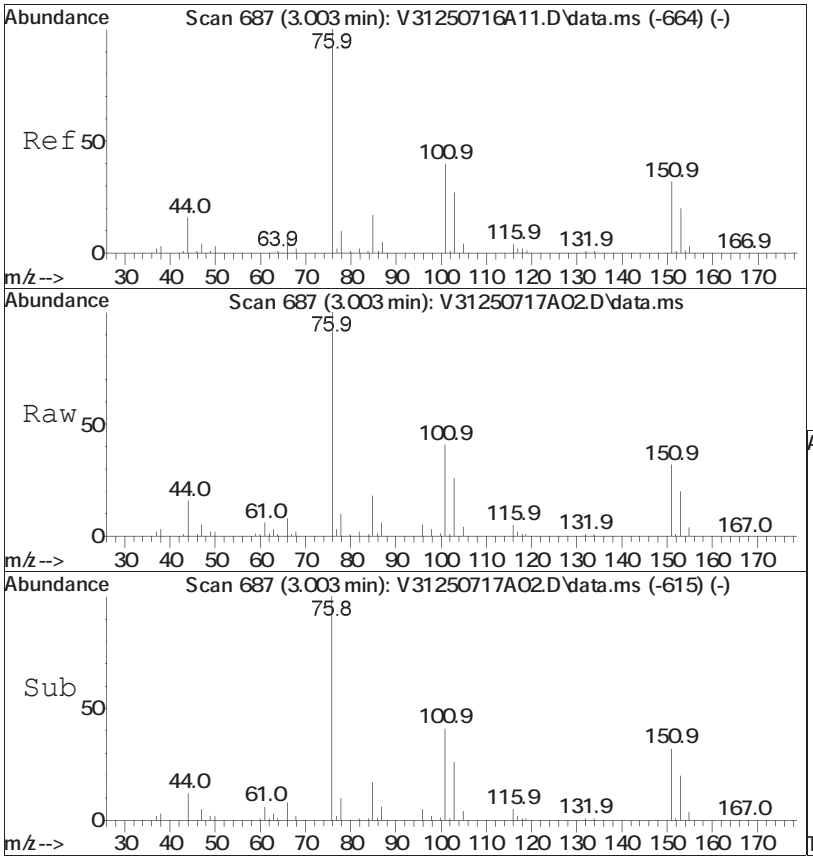


#15
Methylene chloride
Concen: 34.50 ug/L
RT: 3.508 min Scan# 868
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 84 Resp: 173011

Ion	Ratio	Lower	Upper
84	100		
86	64.5	15.5	32.3#
49	116.0	79.6	165.4

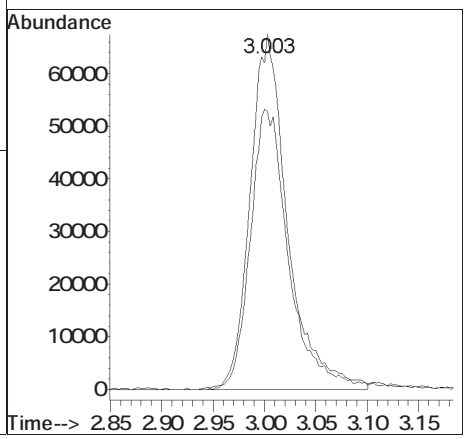


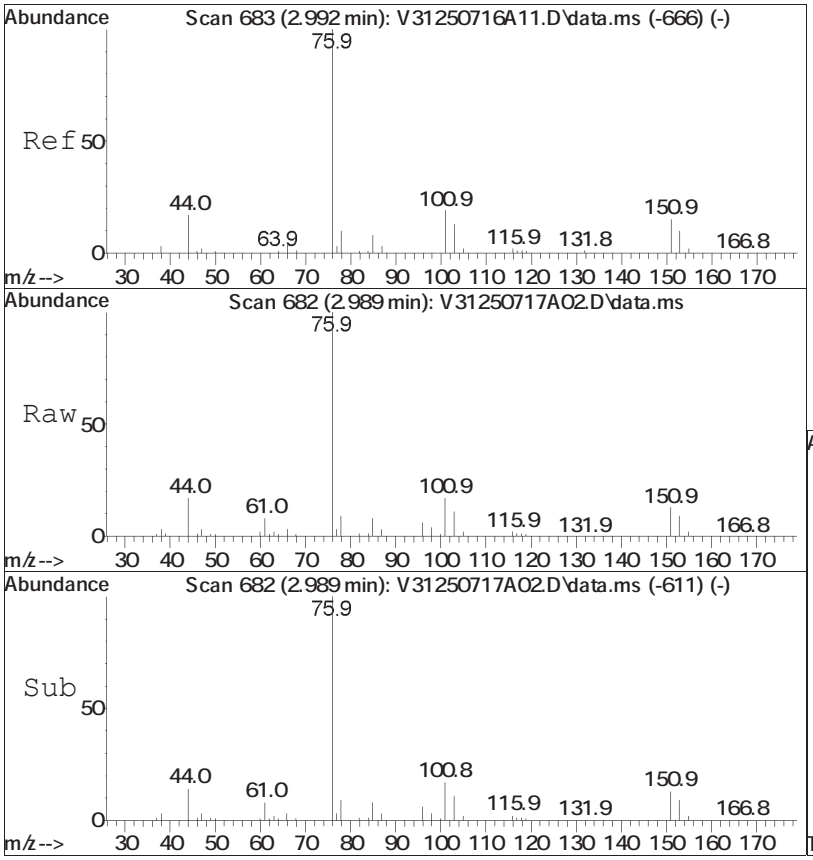


#12
Freon-113
Concen: 41.43 ug/L
RT: 3.003 min Scan# 687
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:101 Resp: 171353

Ion	Ratio	Lower	Upper
101	100		
151	80.3	32.6	48.8#

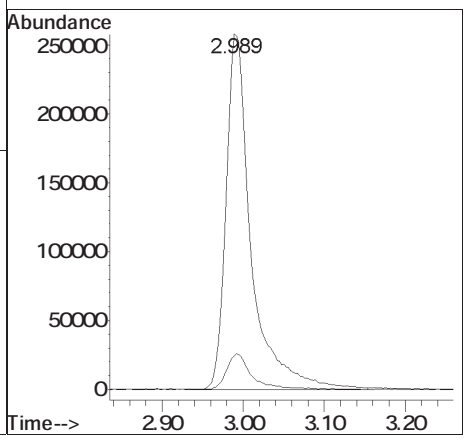


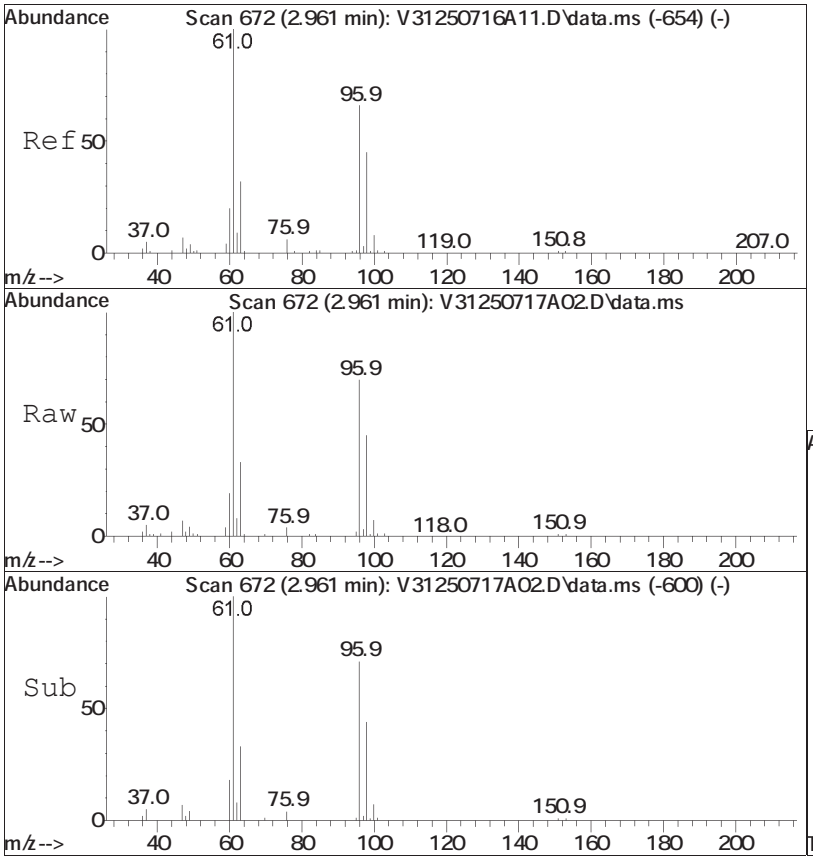


#11
Carbon disulfide
Concen: 40.28 ug/L
RT: 2.989 min Scan# 682
Delta R.T. -0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 76 Resp: 556819

Ion	Ratio	Lower	Upper
76	100		
78	9.7	2.3	4.7#

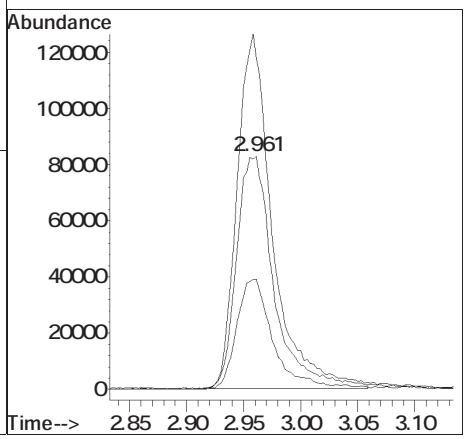


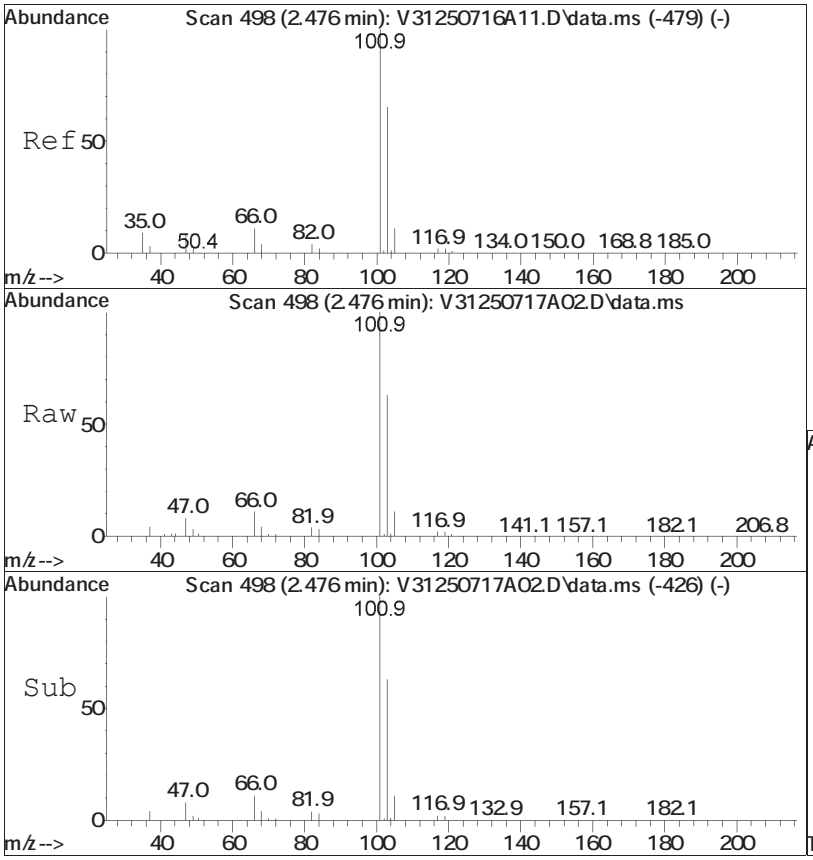


#10
1,1-Dichloroethene
Concen: 46.75 ug/L
RT: 2.961 min Scan# 672
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 96 Resp: 189713

Ion	Ratio	Lower	Upper
96	100		
61	145.9	128.4	192.6
63	45.5	40.9	61.3

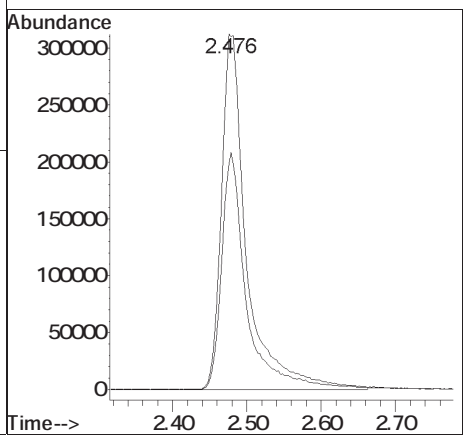


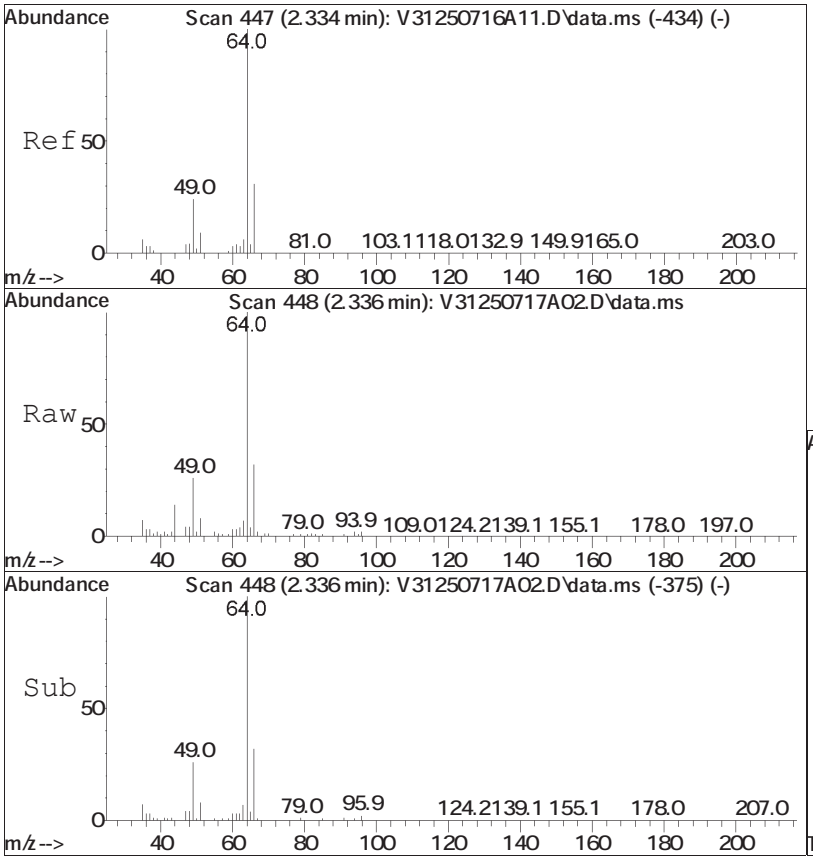


#7
Trichlorofluoromethane
Concen: 46.43 ug/L
RT: 2.476 min Scan# 498
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion:101 Resp: 737839

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.4	78.6

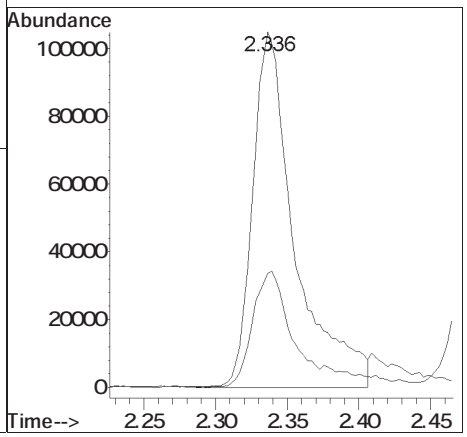


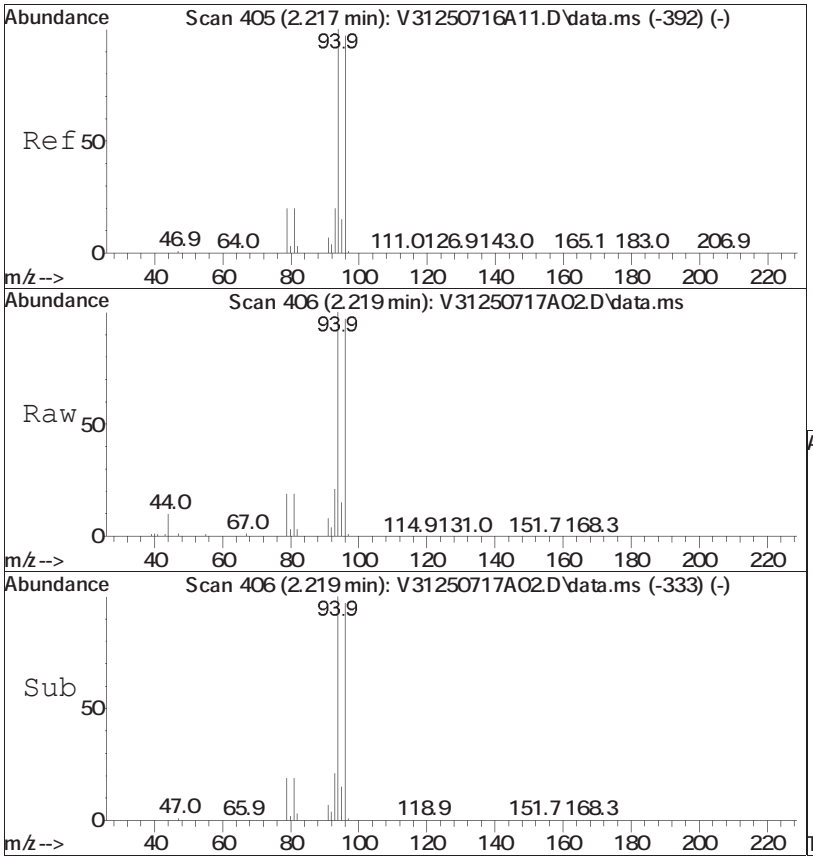


#6
Chloroethane
Concen: 41.78 ug/L
RT: 2.336 min Scan# 448
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 64 Resp: 214650

Ion	Ratio	Lower	Upper
64	100		
66	28.7	9.2	49.2

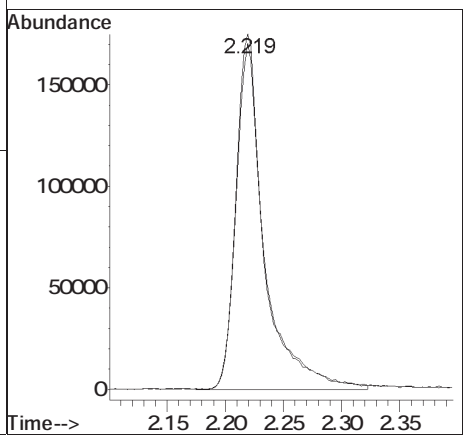


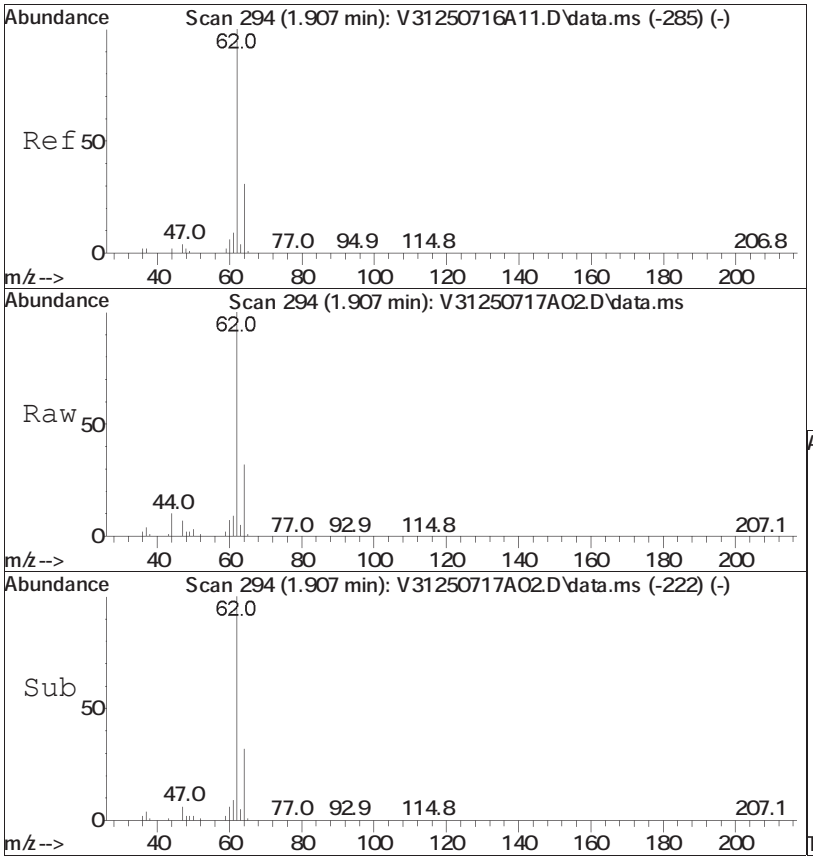


#5
Bromomethane
Concen: 49.25 ug/L
RT: 2.219 min Scan# 406
Delta R.T. 0.003 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 94 Resp: 299202

Ion	Ratio	Lower	Upper
94	100		
96	95.9	13.2	53.2#

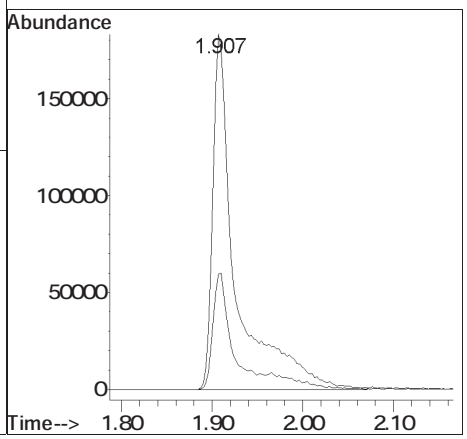


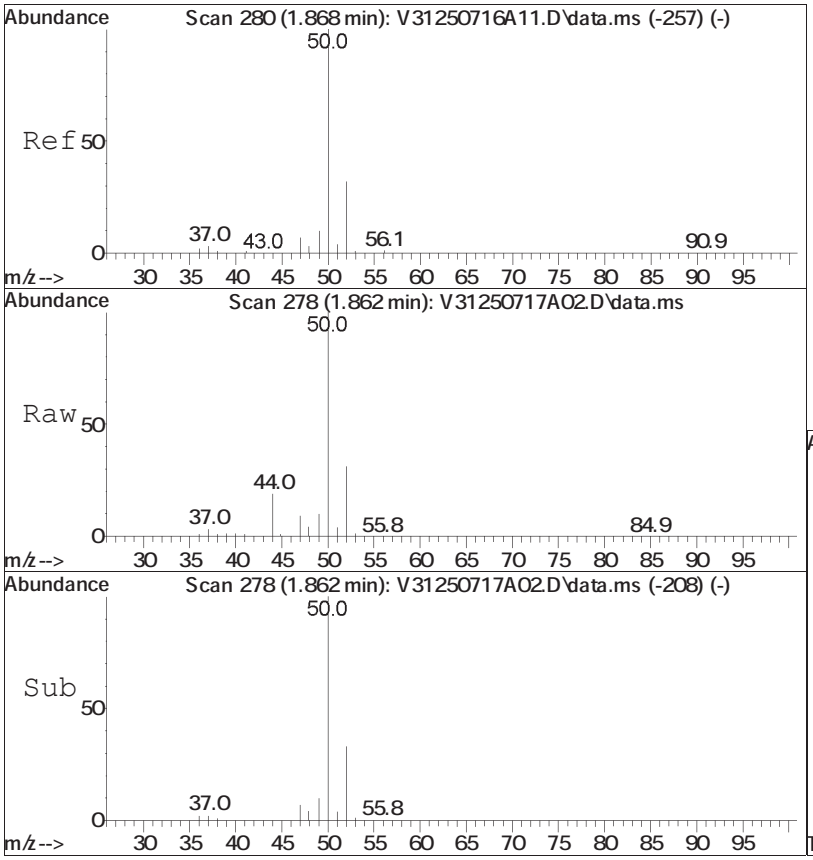


#4
Vinyl chloride
Concen: 42.61 ug/L
RT: 1.907 min Scan# 294
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 62 Resp: 327295

Ion	Ratio	Lower	Upper
62	100		
64	26.9	0.0	30.8

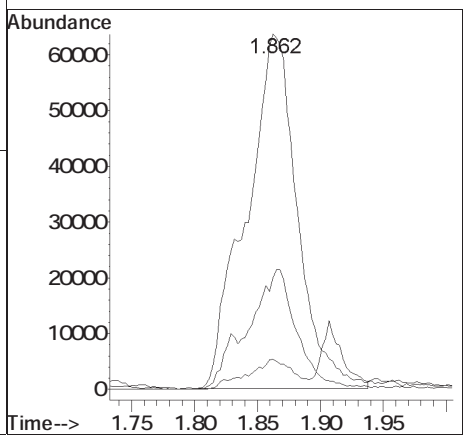


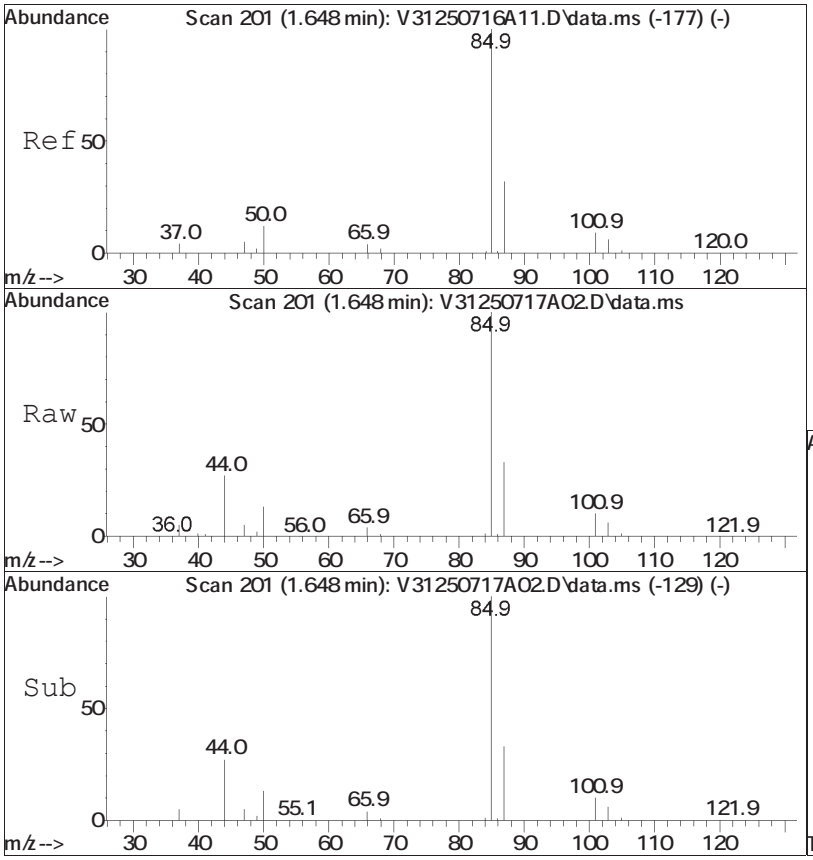


#3
Chloromethane
Concen: 41.25 ug/L
RT: 1.862 min Scan# 278
Delta R.T. -0.006 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 50 Resp: 178748

Ion	Ratio	Lower	Upper
50	100		
52	26.7	0.0	25.2#
47	7.6	0.0	23.8

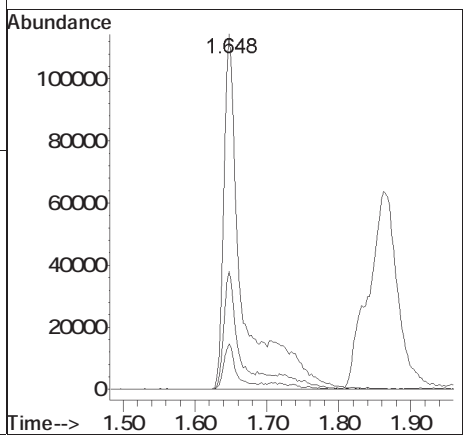




#2
Dichlorodifluoromethane
Concen: 46.99 ug/L M1
RT: 1.648 min Scan# 201
Delta R.T. -0.000 min
Lab File: V31250717A02.D
Acq: 17 Jul 2025 12:10 pm

Tgt Ion: 85 Resp: 212256

Ion	Ratio	Lower	Upper
85	100		
87	22.8	6.4	13.2#
50	8.8	2.1	4.3#

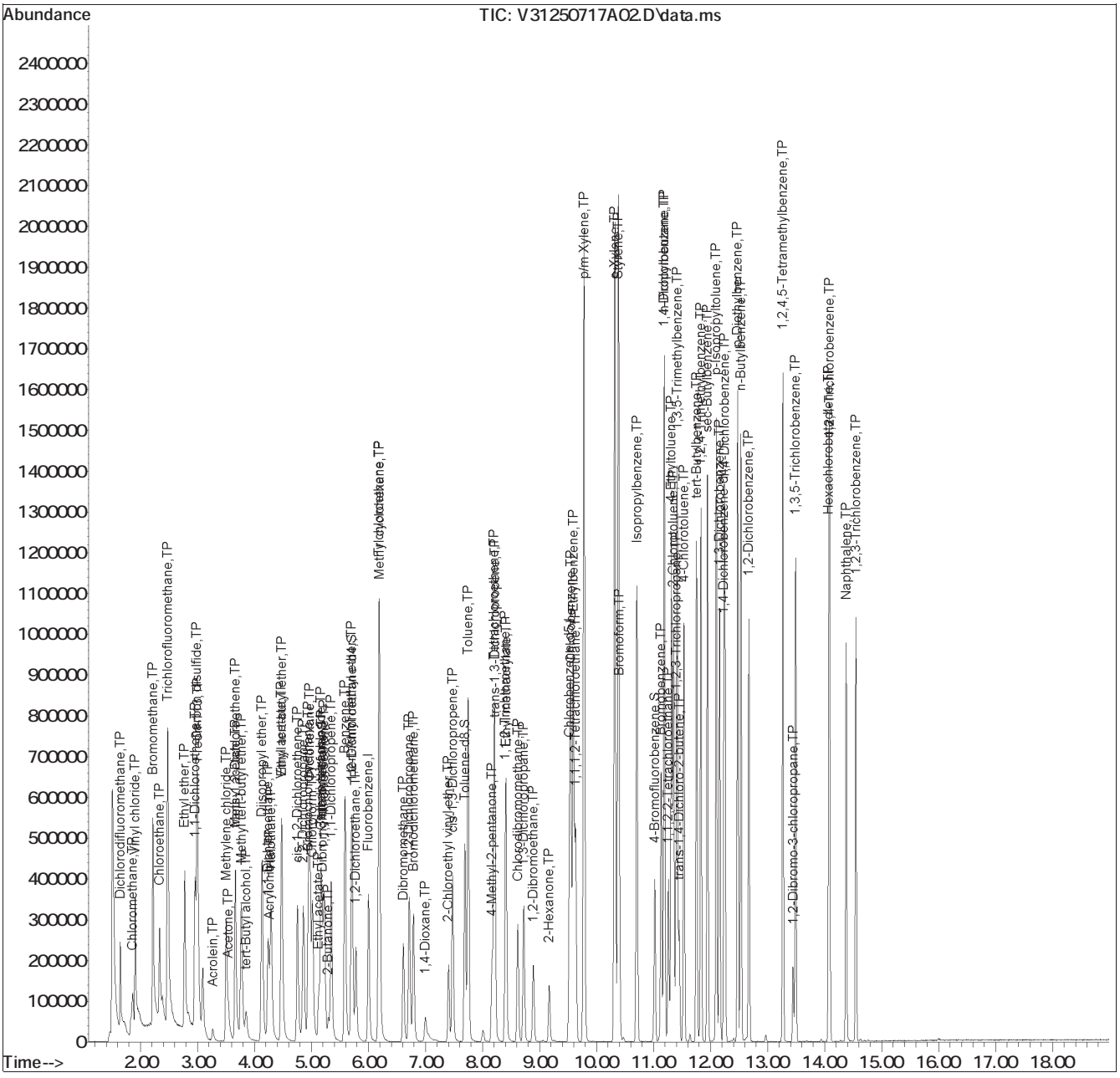


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250717A\
Data File : V31250717A02.D
Acq On : 17 Jul 2025 12:10 pm
Operator : VOA131:AJK
Sample : WG2092279-4,31,5,5
Misc : WG2092279,ICAL22474
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 12:51:58 2025
Quant Method : K:\VOA131\2025\250717A\V131_250716A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 17 07:56:02 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox17A01.D•



Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250717A\
Data File : V31250717A02.D
Acq On : 17 Jul 2025 12:10 pm
Operator : VOA131:AJK
Sample : WG2092279-4,31,5,5
Misc : WG2092279,ICAL22474
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 12:51:58 2025
Quant Method : K:\VOA131\2025\250717A\V131_250716A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 17 07:56:02 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA131\2025\250717A\V31250717A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	5.223	97	255891	41.100	ug/L	#	88
39) 2-Butanone	5.295	43	63244	33.856	ug/L	#	70
41) Benzene	5.588	78	628963	38.333	ug/L		98
44) 1,2-Dichloroethane	5.778	62	184317	35.970	ug/L		98
47) Methyl cyclohexane	6.190	83	302647	40.611	ug/L		95
48) Trichloroethene	6.185	95	182133	37.729	ug/L		98
51) 1,2-Dichloropropane	6.712	63	154694	36.460	ug/L		98
54) Bromodichloromethane	6.787	83	223051	36.668	ug/L	#	55
57) 1,4-Dioxane	6.993	88	90338M1	2070.016	ug/L		
58) cis-1,3-Dichloropropene	7.476	75	262303	37.862	ug/L		96
61) Toluene	7.746	92	414091	38.526	ug/L		97
62) 4-Methyl-2-pentanone	8.165	58	56917	37.642	ug/L	#	96
63) Tetrachloroethene	8.204	166	199529	42.672	ug/L	#	80
65) trans-1,3-Dichloropropene	8.218	75	235118	38.182	ug/L		97
68) 1,1,2-Trichloroethane	8.402	83	118275	35.645	ug/L		100
69) Chlorodibromomethane	8.619	129	179135	38.665	ug/L		98
71) 1,2-Dibromoethane	8.890	107	144484	38.042	ug/L		97
72) 2-Hexanone	9.166	43	106261	34.744	ug/L	#	95
73) Chlorobenzene	9.548	112	488444	38.712	ug/L		97
74) Ethylbenzene	9.593	91	810196	39.182	ug/L		100
76) p/m Xylene	9.779	106	675770	78.104	ug/L		97
77) o Xylene	10.320	106	648309	75.826	ug/L		98
78) Styrene	10.385	104	1104134	69.669	ug/L		95
80) Bromoform	10.401	173	125493	35.262	ug/L	#	56
82) Isopropylbenzene	10.708	105	837407	42.216	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.257	83	188559	37.954	ug/L		99
100) 1,3-Dichlorobenzene	12.158	146	427894	40.092	ug/L		99
101) 1,4-Dichlorobenzene	12.250	146	437666	39.975	ug/L		98
104) 1,2-Dichlorobenzene	12.671	146	393134	39.027	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.449	155	36296	41.651	ug/L		100
109) 1,2,4-Trichlorobenzene	14.088	180	296983	40.258	ug/L		99
111) 1,2,3-Trichlorobenzene	14.548	180	262574	39.711	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250717A\
Data File : V31250717A02.D
Acq On : 17 Jul 2025 12:10 pm
Operator : VOA131:AJK
Sample : WG2092279-4,31,5,5
Misc : WG2092279,ICAL22474
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 12:51:58 2025
Quant Method : K:\VOA131\2025\250717A\V131_250716A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 17 07:56:02 2025
Response via : Initial Calibration

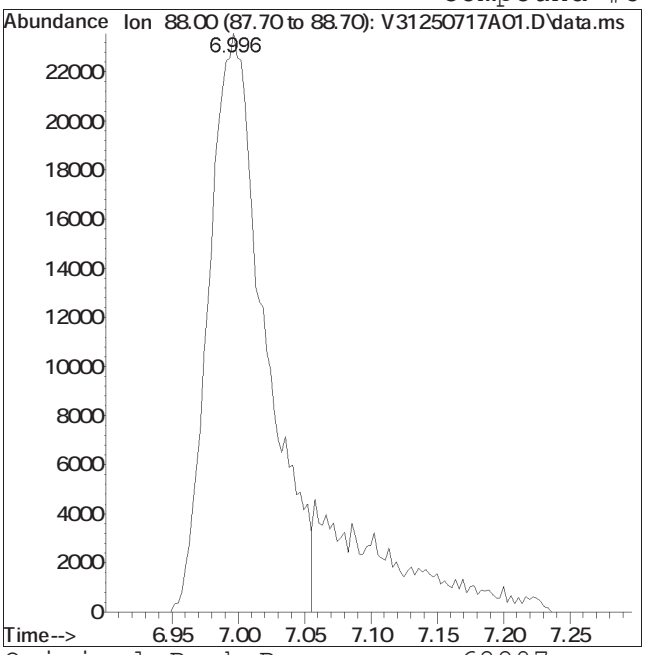
CCAL FILE(s) : 1 - K:\VOA131\2025\250717A\V31250717A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.001	96	384041	20.000	ug/L	0.00
Standard Area 1 = 403778			Recovery = 95.11%			
59) Chlorobenzene-d5	9.526	117	298871	20.000	ug/L	0.00
Standard Area 1 = 305038			Recovery = 97.98%			
79) 1,4-Dichlorobenzene-d4	12.233	152	165435	20.000	ug/L	0.00
Standard Area 1 = 166681			Recovery = 99.25%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.192	113	99138	19.328	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.64%			
43) 1,2-Dichloroethane-d4	5.711	65	97469	18.661	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.31%			
60) Toluene-d8	7.691	98	388207	20.806	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.03%			
83) 4-Bromofluorobenzene	11.023	95	117226	20.427	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.648	85	212256M1	46.986	ug/L	
3) Chloromethane	1.862	50	178748	41.249	ug/L #	58
4) Vinyl chloride	1.907	62	327295	42.606	ug/L	57
5) Bromomethane	2.219	94	299202	49.251	ug/L #	1
6) Chloroethane	2.336	64	214650	41.782	ug/L	99
7) Trichlorofluoromethane	2.476	101	737839	46.432	ug/L	99
10) 1,1-Dichloroethene	2.961	96	189713	46.752	ug/L	90
11) Carbon disulfide	2.989	76	556819	40.279	ug/L #	81
12) Freon-113	3.003	101	171353	41.429	ug/L #	36
15) Methylene chloride	3.508	84	173011	34.499	ug/L #	82
17) Acetone	3.541	43	60956	40.458	ug/L #	44
18) trans-1,2-Dichloroethene	3.664	96	167205	37.928	ug/L	92
19) Methyl acetate	3.667	43	92008	37.027	ug/L #	86
20) Methyl tert-butyl ether	3.773	73	435038	35.156	ug/L	97
23) 1,1-Dichloroethane	4.238	63	276076	38.117	ug/L	99
28) cis-1,2-Dichloroethene	4.754	96	182347	37.459	ug/L	92
30) Bromochloromethane	4.941	128	90379	36.569	ug/L	97
31) Cyclohexane	4.969	56	253928	41.385	ug/L	92
32) Chloroform	5.019	83	284522	35.042	ug/L	99
34) Carbon tetrachloride	5.164	117	240561	41.516	ug/L #	94

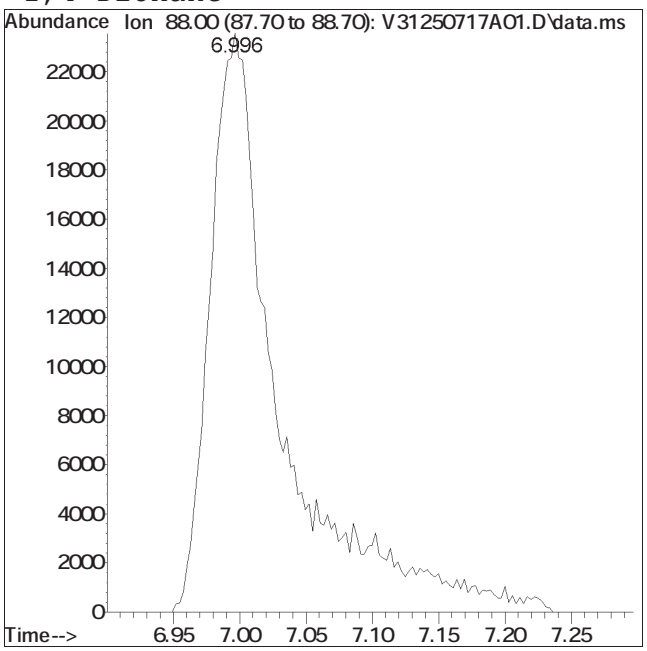
Manual Integration Report

Data Path	: K:\VOA131\2025\250717A\	QMethod	: V131_250716A_8260.m
Data File	: V31250717A01.D	Operator	: VOA131:AJK
Date Inj'd	: 7/17/2025 11:47 am	Instrument	: VOA131
Sample	: WG2092279-3,31,5,5	Quant Date	: 7/17/2025 12:25 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 68807



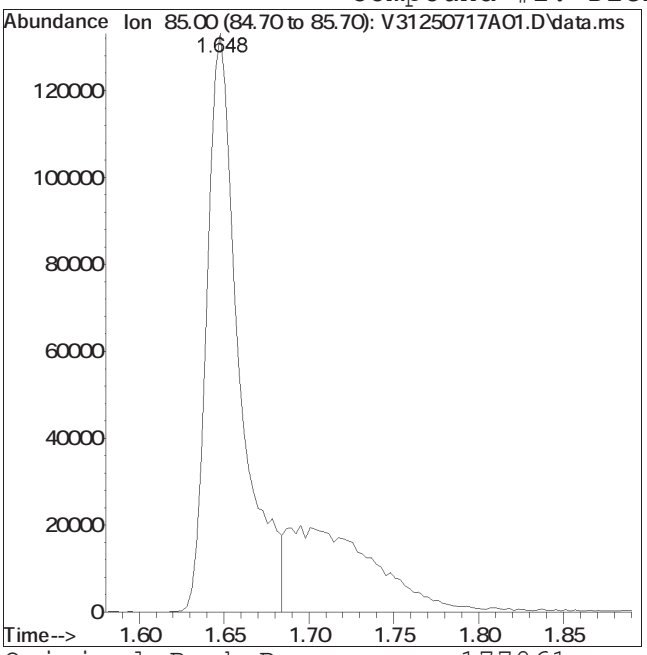
Manual Peak Response = 86898 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

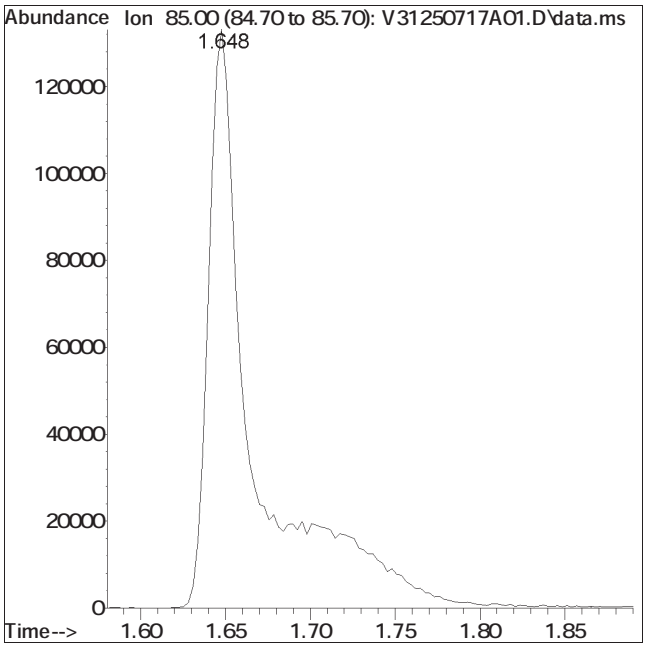
Manual Integration Report

Data Path	: K:\VOA131\2025\250717A\	QMethod	: V131_250716A_8260.m
Data File	: V31250717A01.D	Operator	: VOA131:AJK
Date Inj'd	: 7/17/2025 11:47 am	Instrument	: VOA131
Sample	: WG2092279-3,31,5,5	Quant Date	: 7/17/2025 12:25 pm

Compound #2: Dichlorodifluoromethane

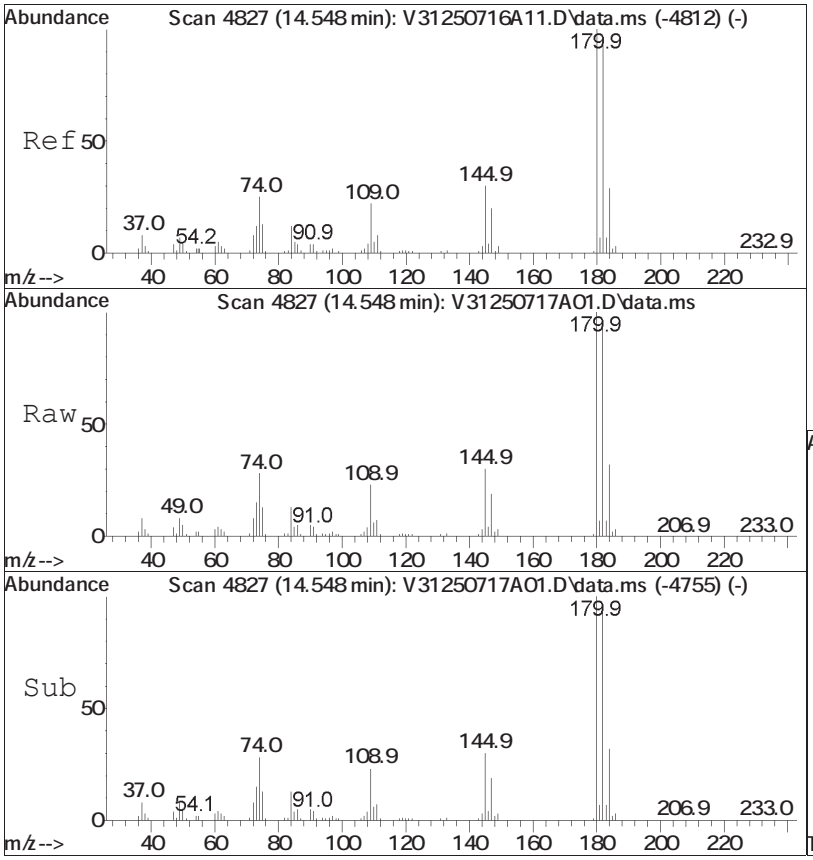


Original Peak Response = 177061



Manual Peak Response = 249508 M1

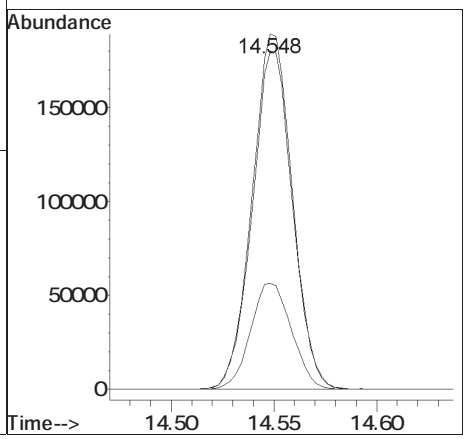
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

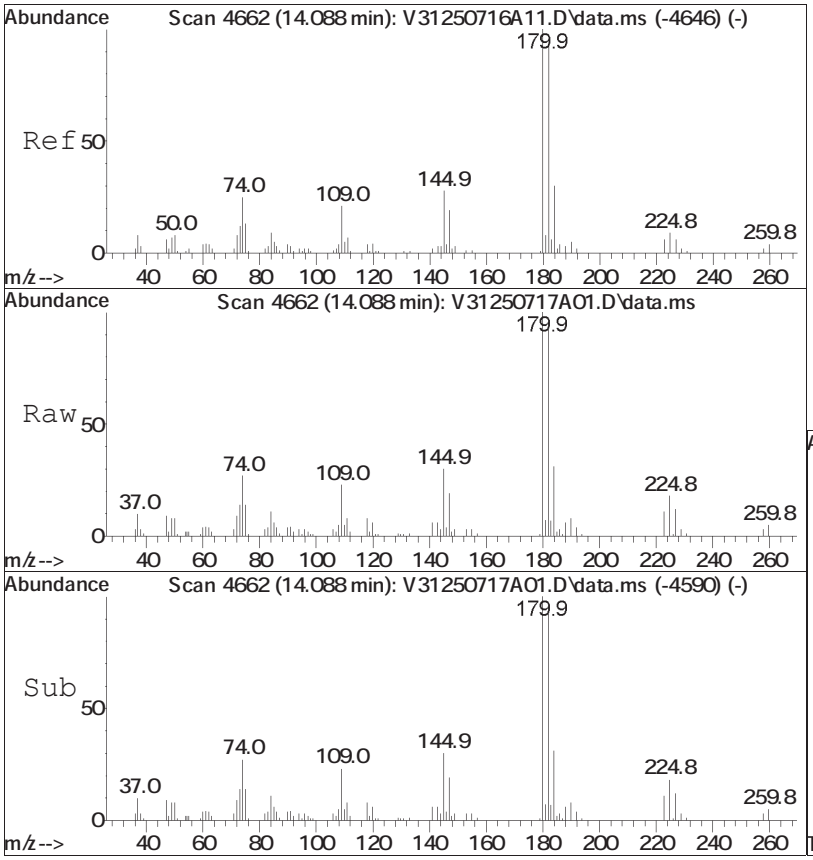


#111
1,2,3-Trichlorobenzene
Concen: 38.63 ug/L
RT: 14.548 min Scan# 4827
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:180 Resp: 257324

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
145	30.4	24.5	36.7

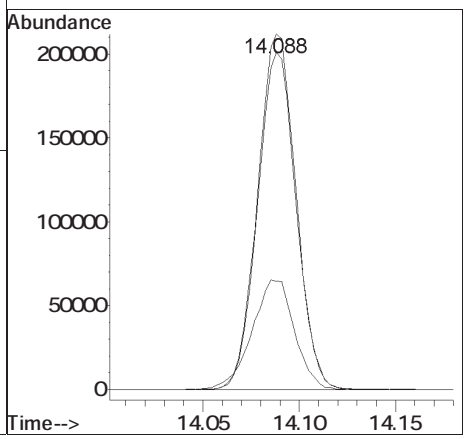


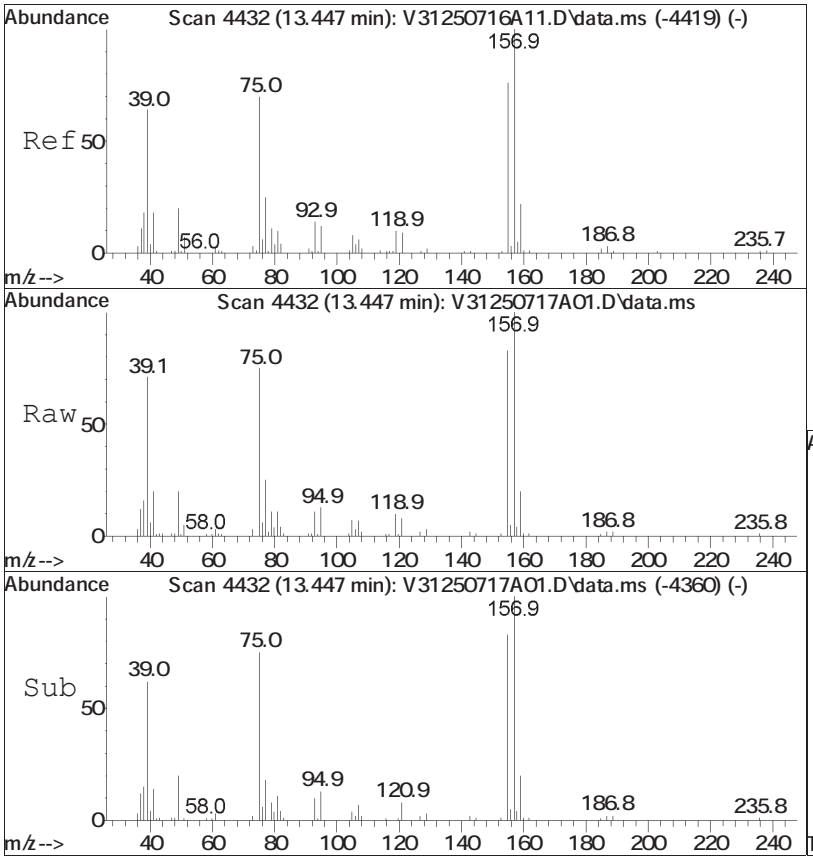


#109
1,2,4-Trichlorobenzene
Concen: 39.41 ug/L
RT: 14.088 min Scan# 4662
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:180 Resp: 292925

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.9	115.3
145	34.1	27.5	41.3

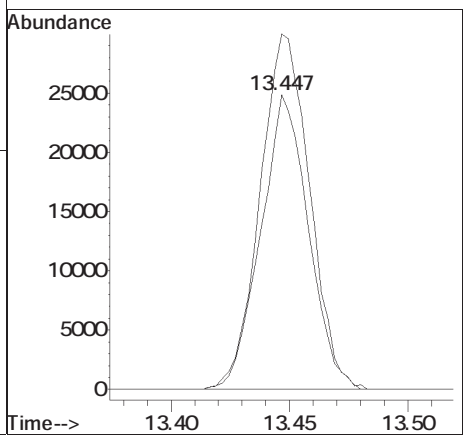


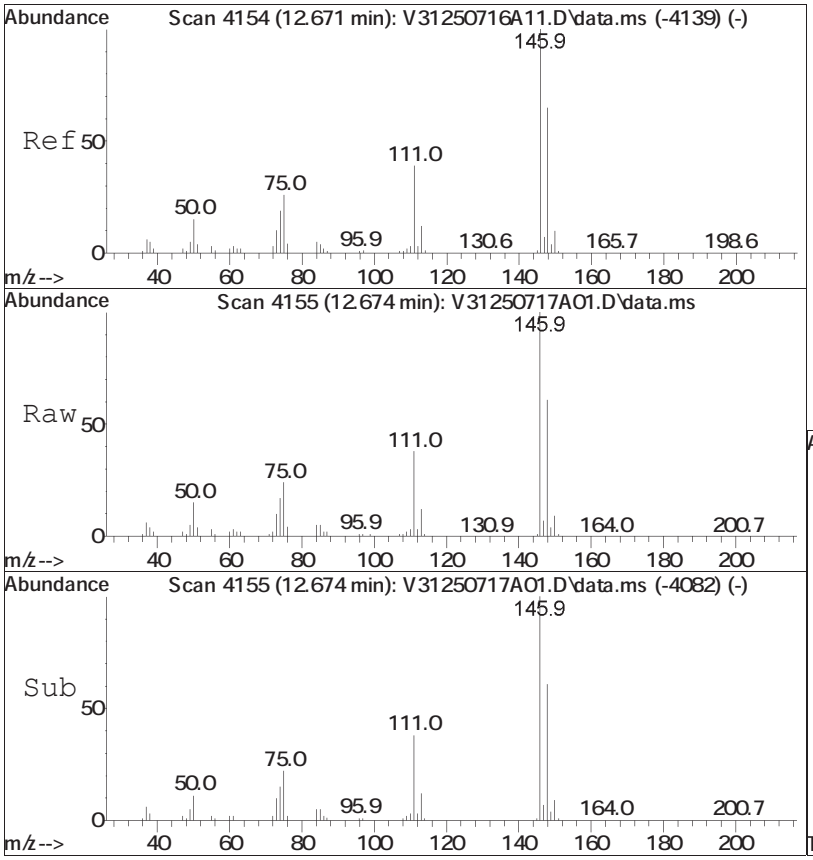


#106
1,2-Dibromo-3-chloropropane
Concen: 39.56 ug/L
RT: 13.447 min Scan# 4432
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:155 Resp: 34730

Ion	Ratio	Lower	Upper
155	100		
157	125.3	102.8	154.2

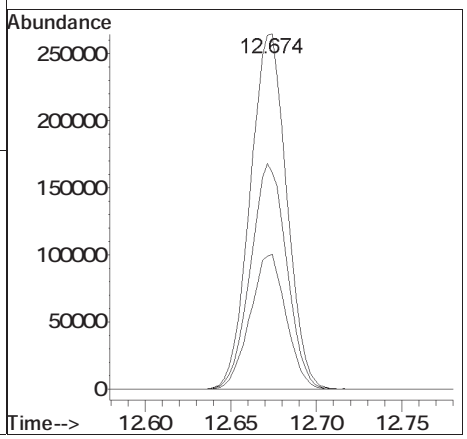


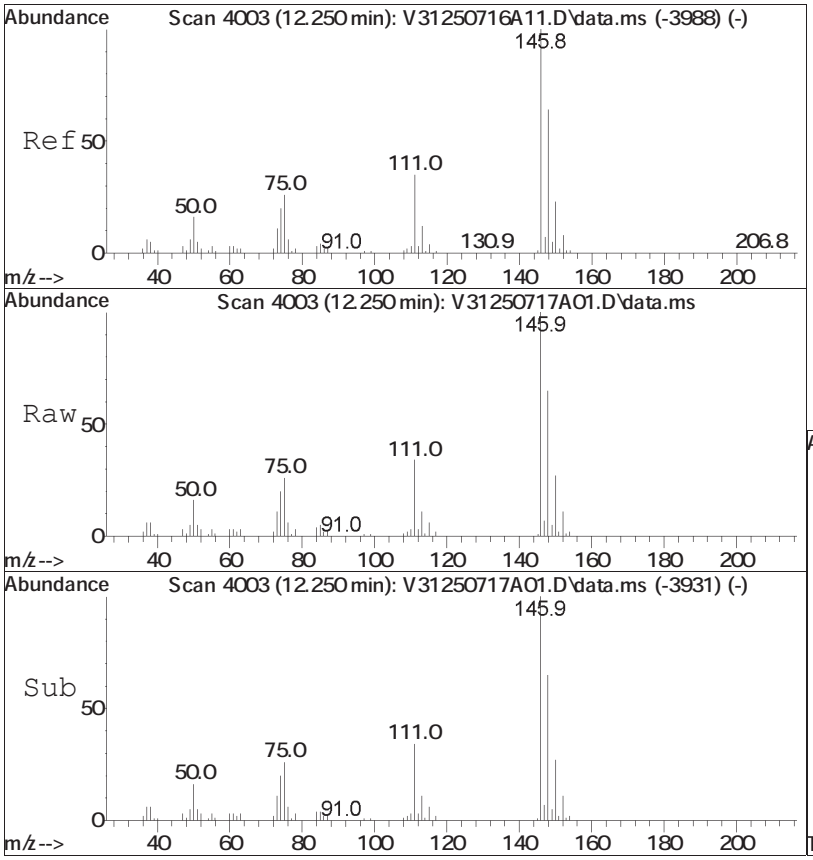


#104
1,2-Dichlorobenzene
Concen: 38.75 ug/L
RT: 12.674 min Scan# 4155
Delta R.T. 0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:146 Resp: 393255

Ion	Ratio	Lower	Upper
146	100		
111	37.5	25.4	52.8
148	63.0	41.4	86.0

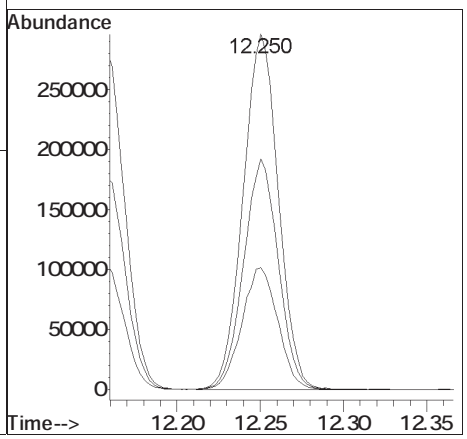


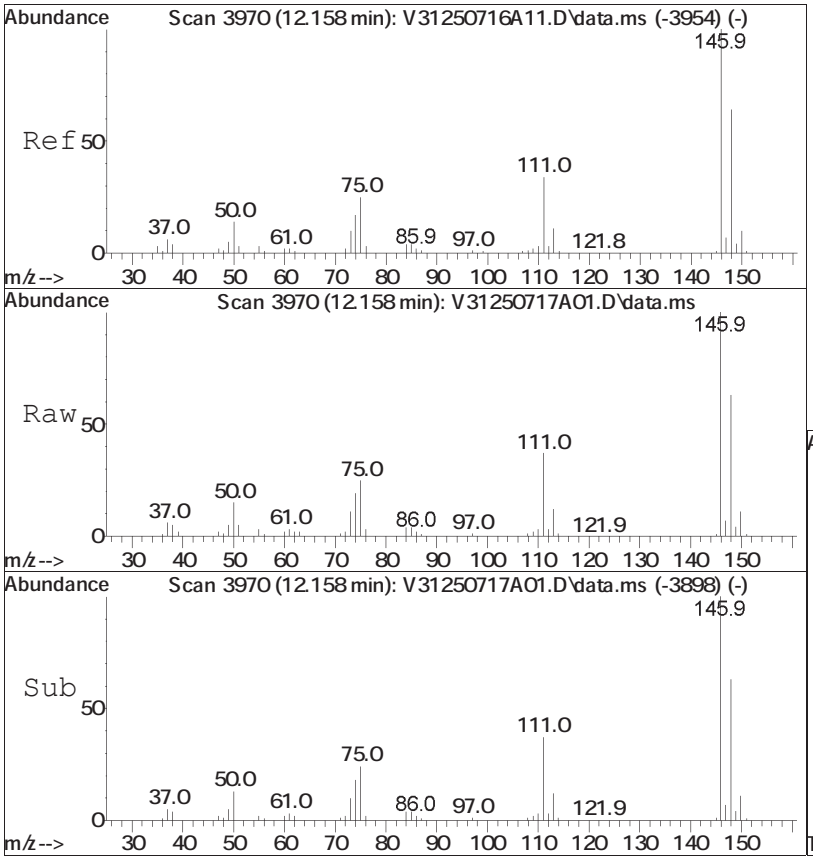


#101
1,4-Dichlorobenzene
Concen: 39.56 ug/L
RT: 12.250 min Scan# 4003
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:146 Resp: 436401

Ion	Ratio	Lower	Upper
146	100		
111	35.0	29.7	44.5
148	63.8	51.5	77.3

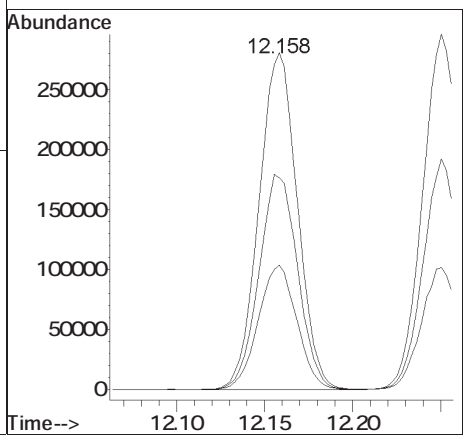


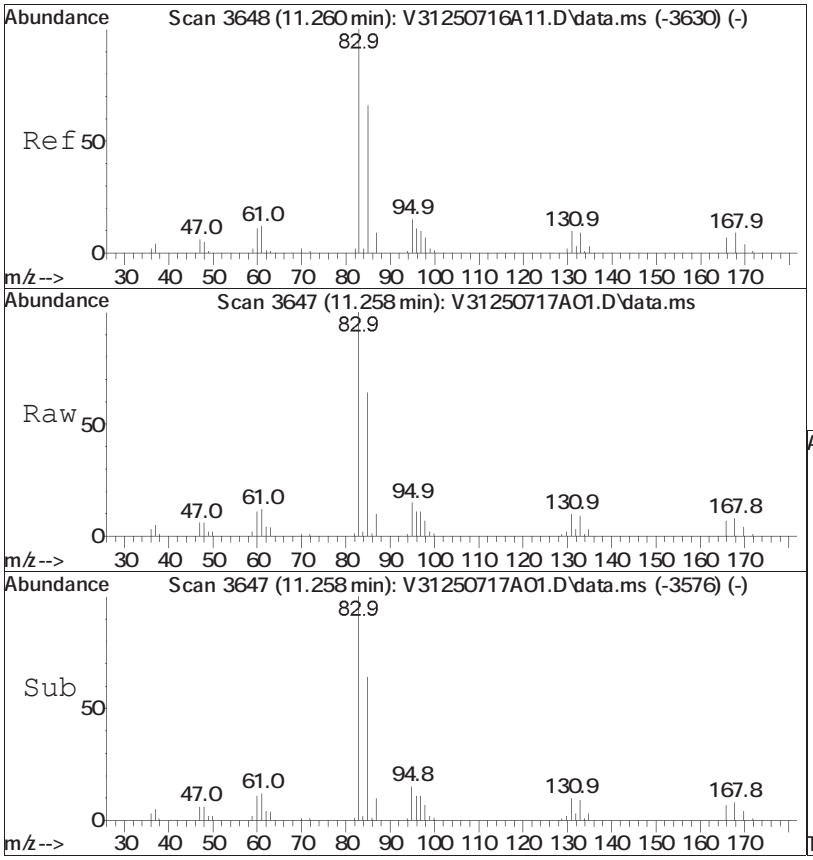


#100
1,3-Dichlorobenzene
Concen: 39.56 ug/L
RT: 12.158 min Scan# 3970
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:146 Resp: 425346

Ion	Ratio	Lower	Upper
146	100		
111	37.0	24.6	51.0
148	64.2	41.9	86.9

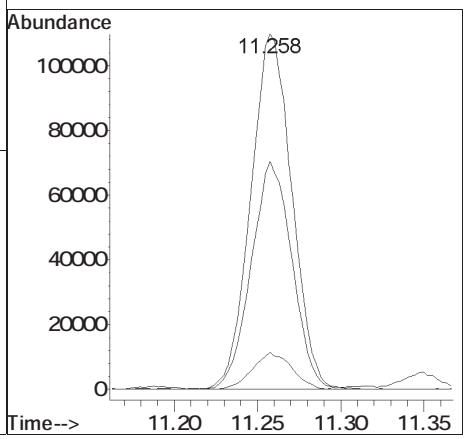


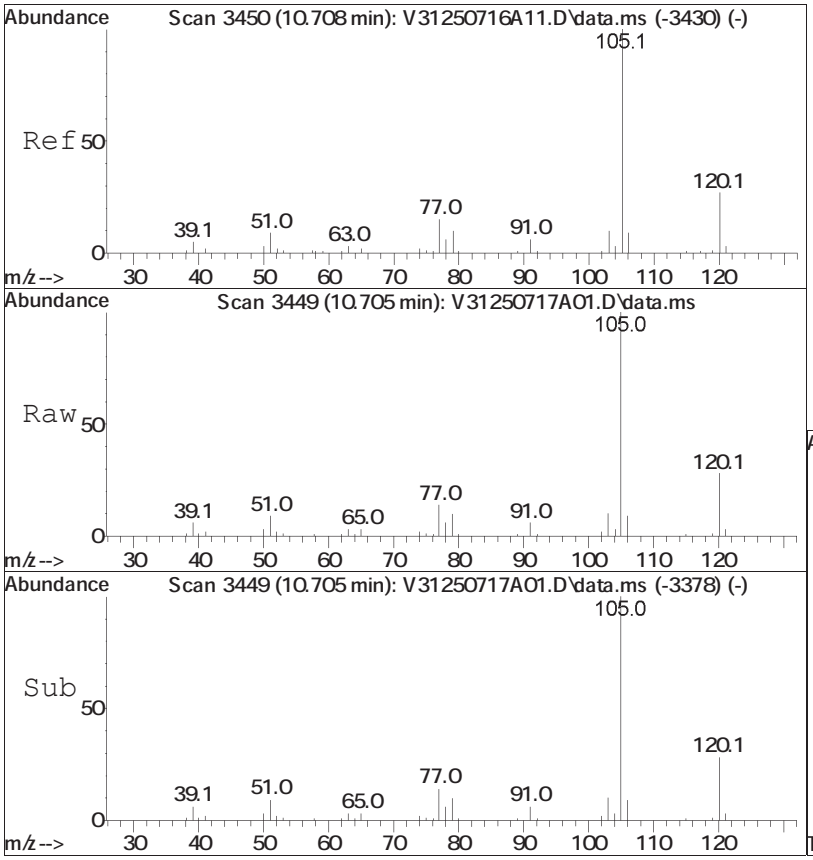


#87
1,1,2,2-Tetrachloroethane
Concen: 37.62 ug/L
RT: 11.258 min Scan# 3647
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 83 Resp: 188296

Ion	Ratio	Lower	Upper
83	100		
131	10.0	0.0	31.1
85	63.2	44.5	84.5

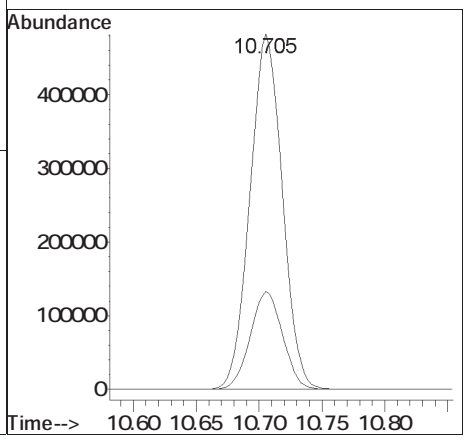


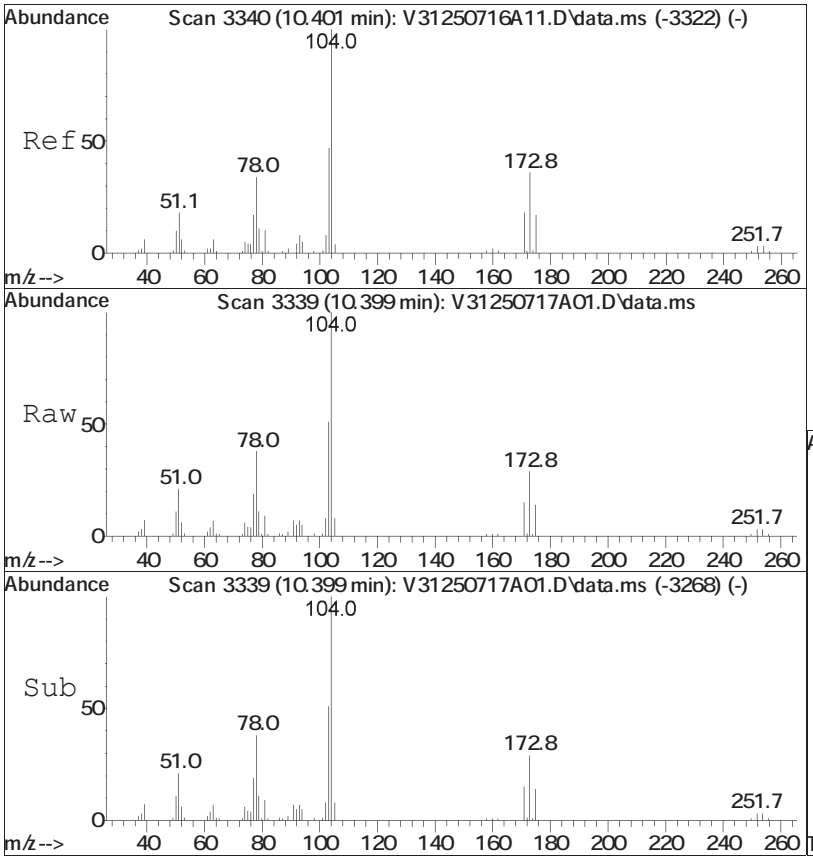


#82
Isopropylbenzene
Concen: 43.07 ug/L
RT: 10.705 min Scan# 3449
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:105 Resp: 860861

Ion	Ratio	Lower	Upper
105	100		
120	27.6	10.7	50.7

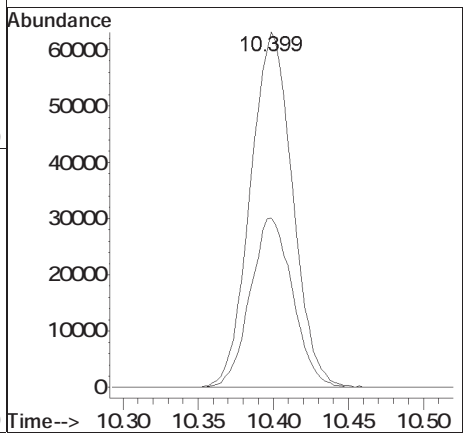


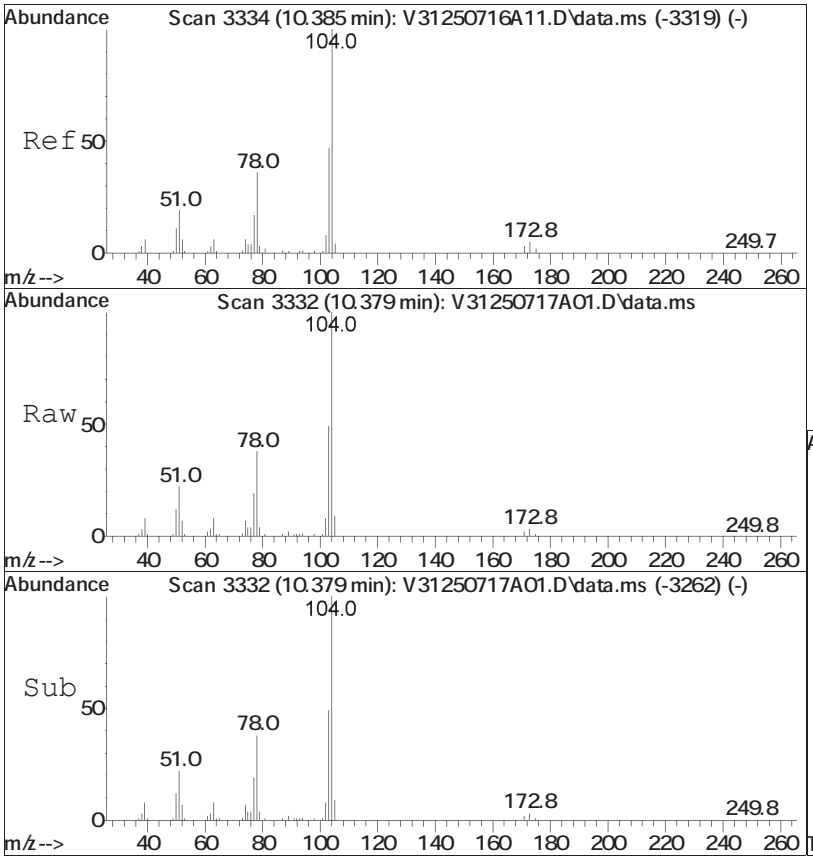


#80
Bromoform
Concen: 34.43 ug/L
RT: 10.399 min Scan# 3339
Delta R.T. -0.002 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:173 Resp: 123459

Ion	Ratio	Lower	Upper
173	100		
175	47.8	5.6	45.6#

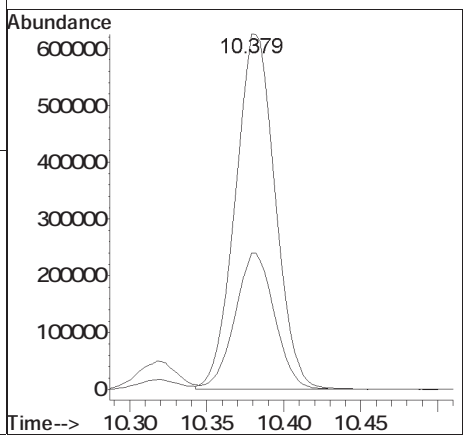


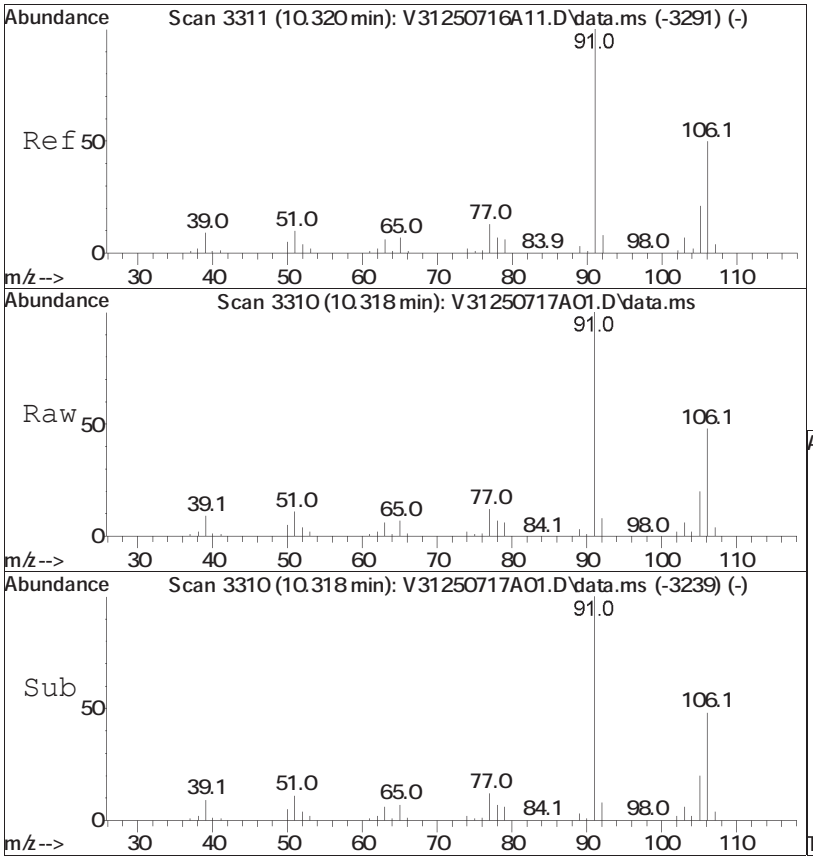


#78
Styrene
Concen: 69.49 ug/L
RT: 10.379 min Scan# 3332
Delta R.T. -0.006 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:104 Resp: 1123871

Ion	Ratio	Lower	Upper
104	100		
78	38.1	32.6	48.8

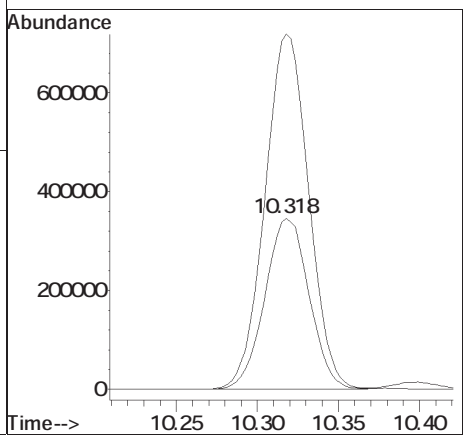


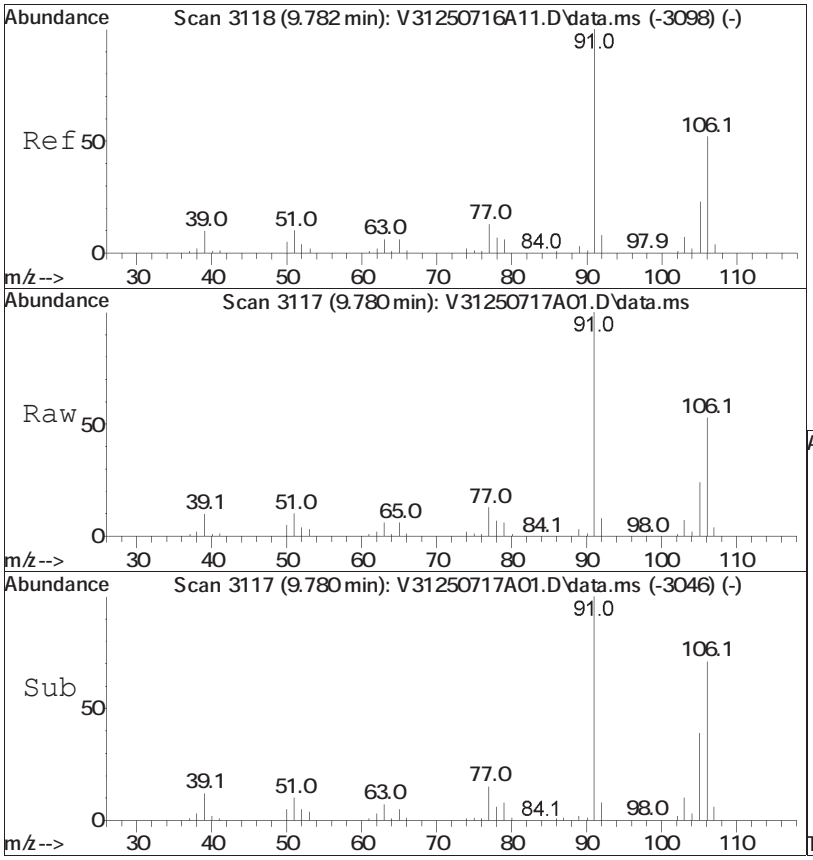


#77
o Xylene
Concen: 75.24 ug/L
RT: 10.318 min Scan# 3310
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:106 Resp: 656544

Ion	Ratio	Lower	Upper
106	100		
91	205.4	164.2	246.4

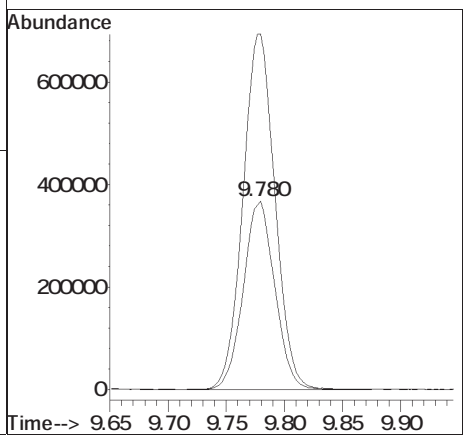


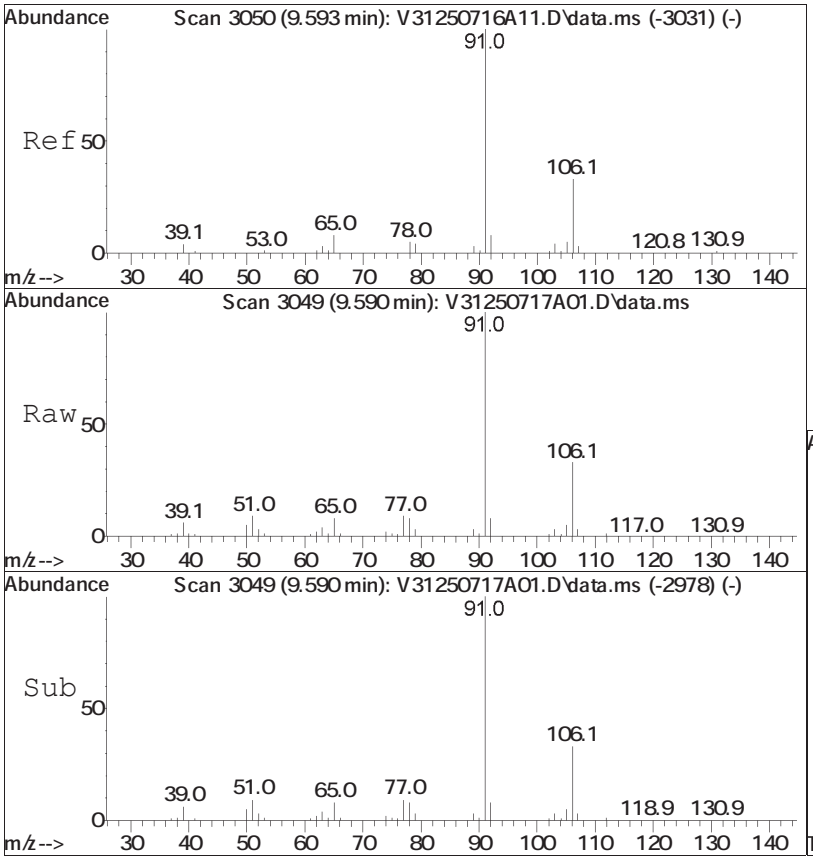


#76
p/m Xylene
Concen: 78.25 ug/L
RT: 9.780 min Scan# 3117
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:106 Resp: 691010

Ion	Ratio	Lower	Upper
106	100		
91	191.9	156.1	234.1

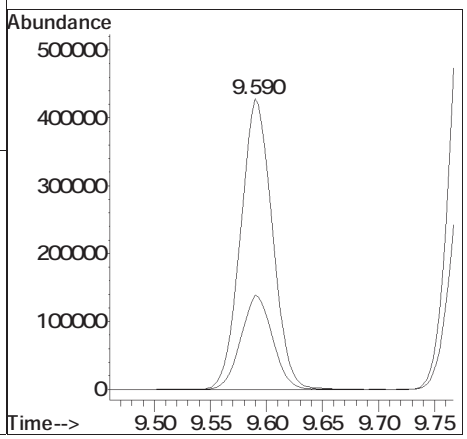


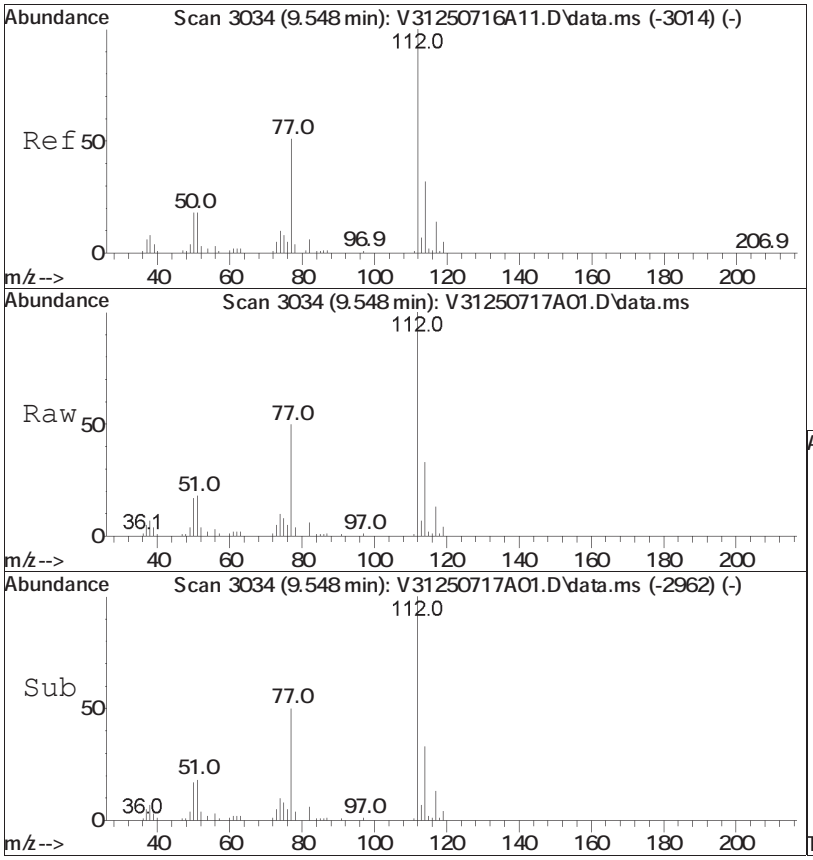


#74
Ethylbenzene
Concen: 39.91 ug/L
RT: 9.590 min Scan# 3049
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 91 Resp: 842271

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.9	38.9

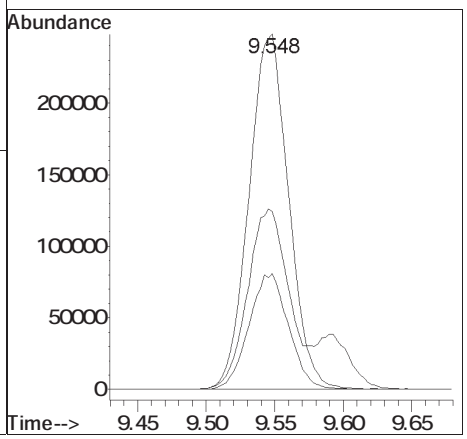


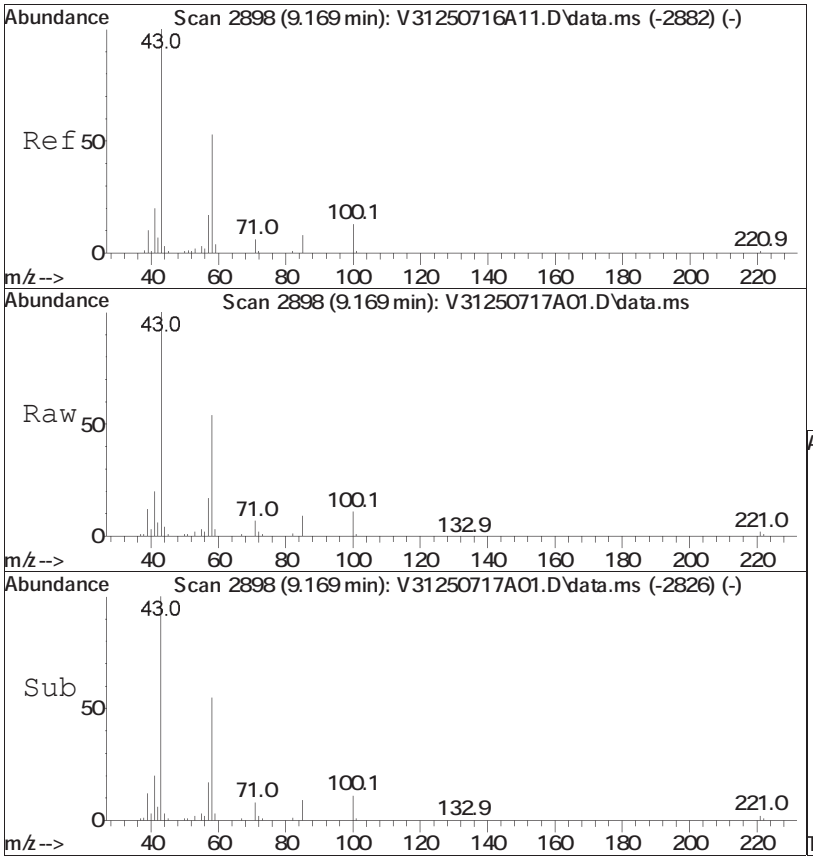


#73
Chlorobenzene
Concen: 38.83 ug/L
RT: 9.548 min Scan# 3034
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:112 Resp: 499997

Ion	Ratio	Lower	Upper
112	100		
77	52.2	44.6	67.0
114	32.6	25.5	38.3

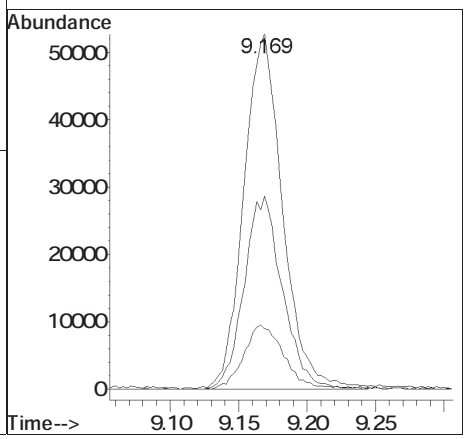


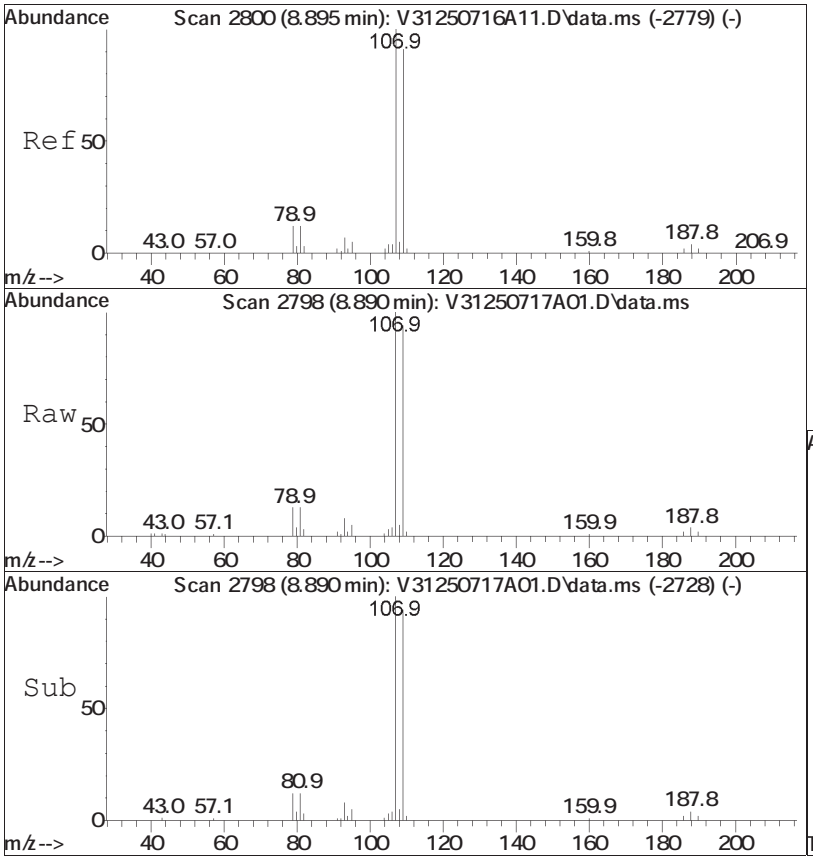


#72
2-Hexanone
Concen: 33.38 ug/L
RT: 9.169 min Scan# 2898
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 43 Resp: 104180

Ion	Ratio	Lower	Upper
43	100		
58	53.5	43.1	64.7
57	18.9	6.8	10.2#

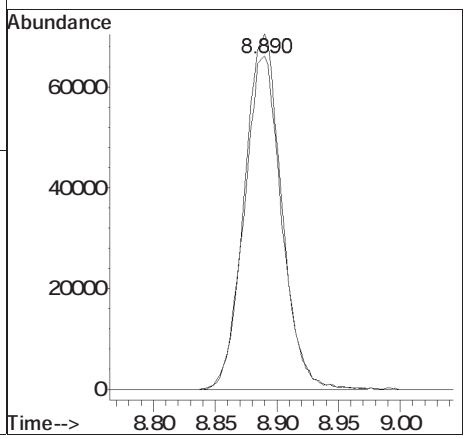


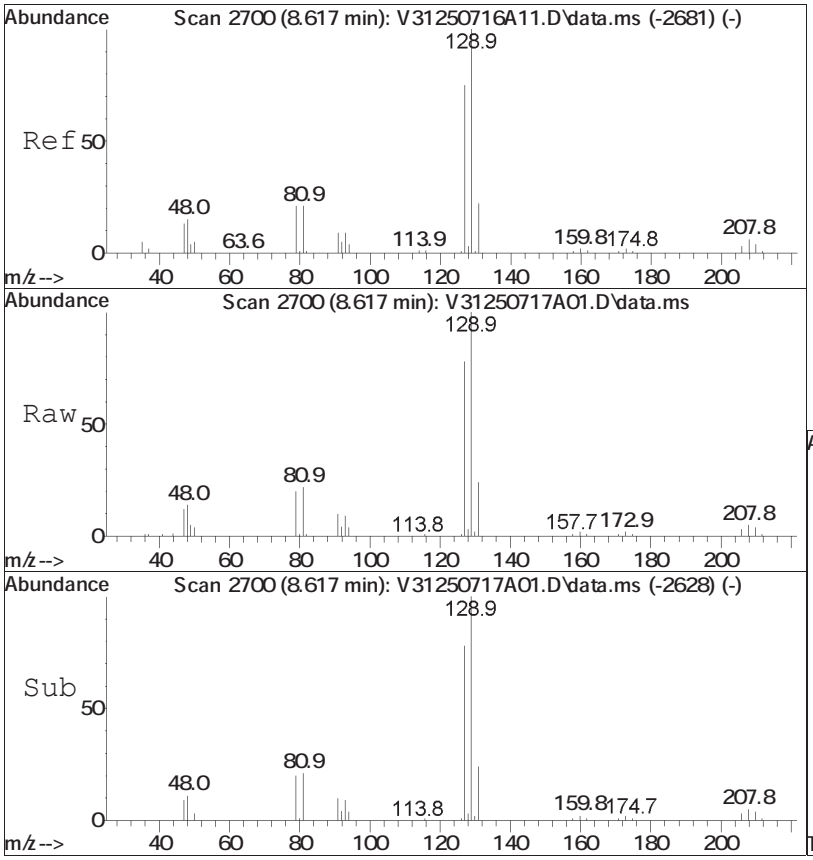


#71
1,2-Dibromoethane
Concen: 38.28 ug/L
RT: 8.890 min Scan# 2798
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:107 Resp: 148382

Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.9	112.3

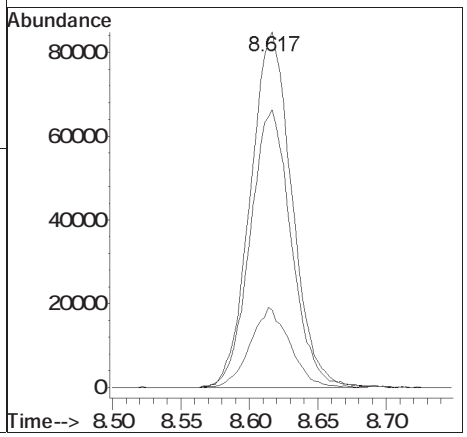


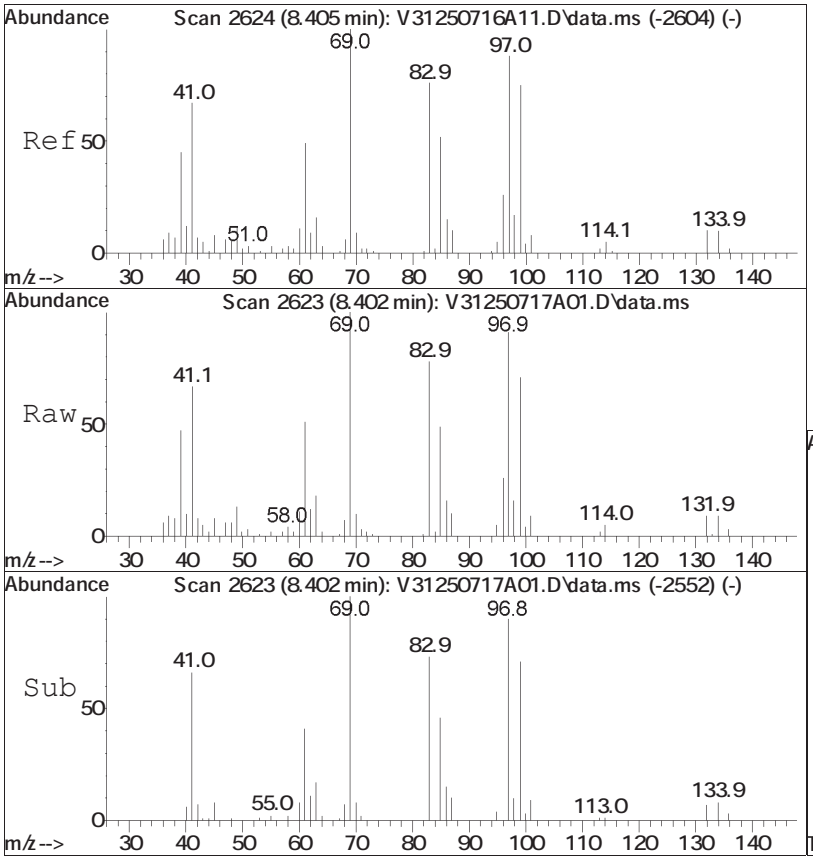


#69
Chlorodibromomethane
Concen: 37.78 ug/L
RT: 8.617 min Scan# 2700
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:129 Resp: 178650

Ion	Ratio	Lower	Upper
129	100		
81	21.4	0.0	36.0
127	77.7	56.7	96.7

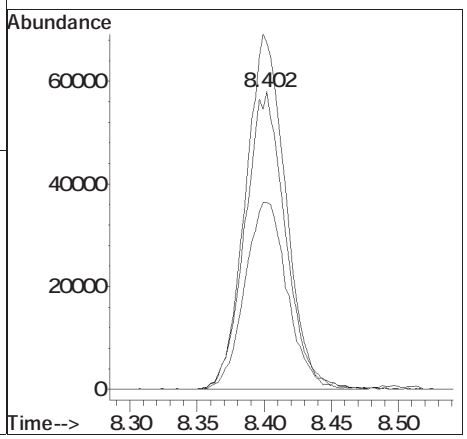


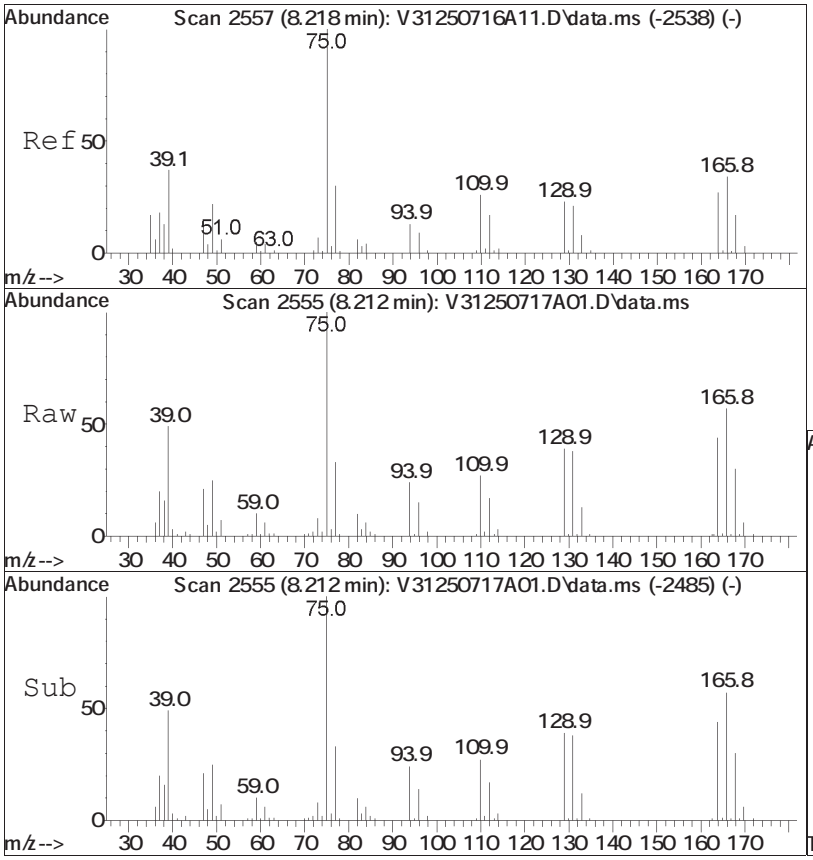


#68
1,1,2-Trichloroethane
Concen: 35.90 ug/L
RT: 8.402 min Scan# 2623
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 83 Resp: 121588

Ion	Ratio	Lower	Upper
83	100		
97	119.2	98.8	138.8
85	66.1	47.6	87.6

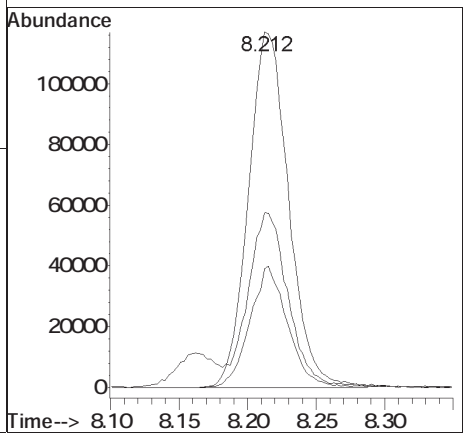


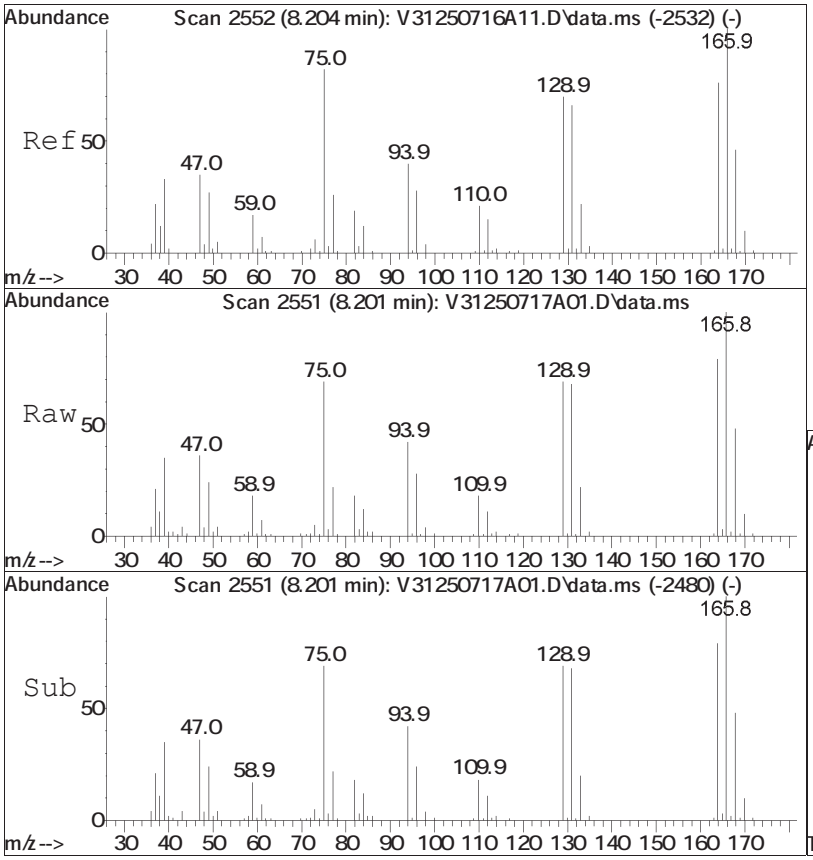


#65
trans-1,3-Dichloropropene
Concen: 38.09 ug/L
RT: 8.212 min Scan# 2555
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 75 Resp: 239369

Ion	Ratio	Lower	Upper
75	100		
77	31.9	12.1	52.1
39	47.9	30.1	70.1

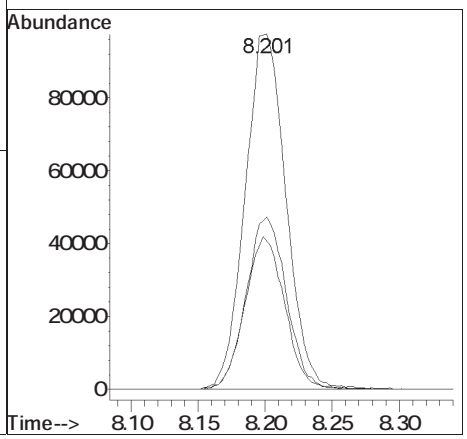


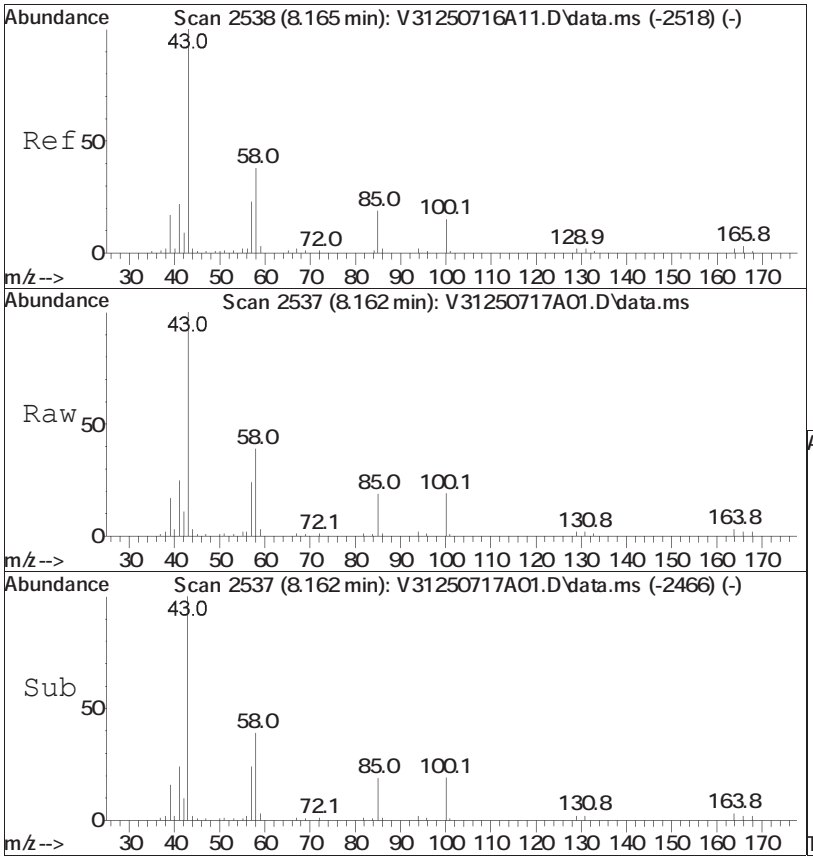


#63
Tetrachloroethene
Concen: 43.44 ug/L
RT: 8.201 min Scan# 2551
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:166 Resp: 207325

Ion	Ratio	Lower	Upper
166	100		
168	47.7	3.6	43.6#
94	41.8	19.9	59.9

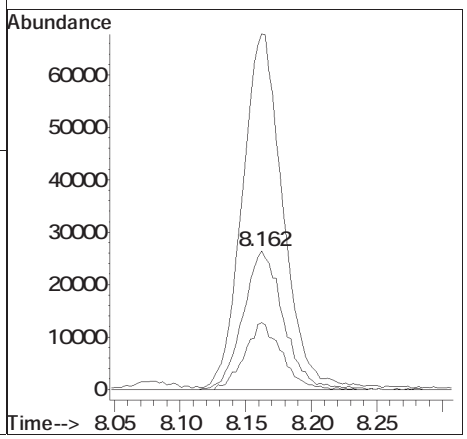


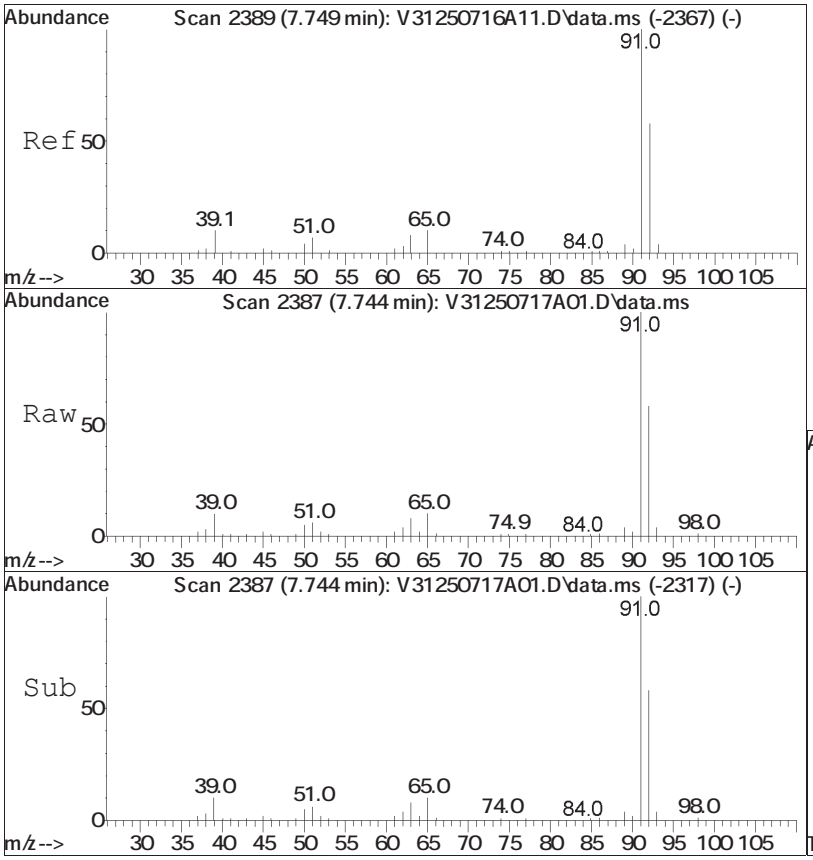


#62
4-Methyl-2-pentanone
Concen: 36.55 ug/L
RT: 8.162 min Scan# 2537
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 58 Resp: 56404

Ion	Ratio	Lower	Upper
58	100		
100	44.4	14.2	21.2#
43	254.3	203.6	305.4

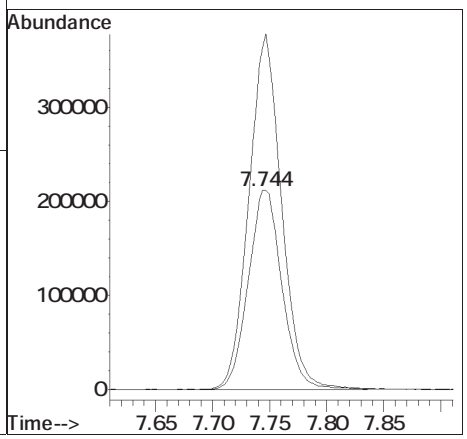


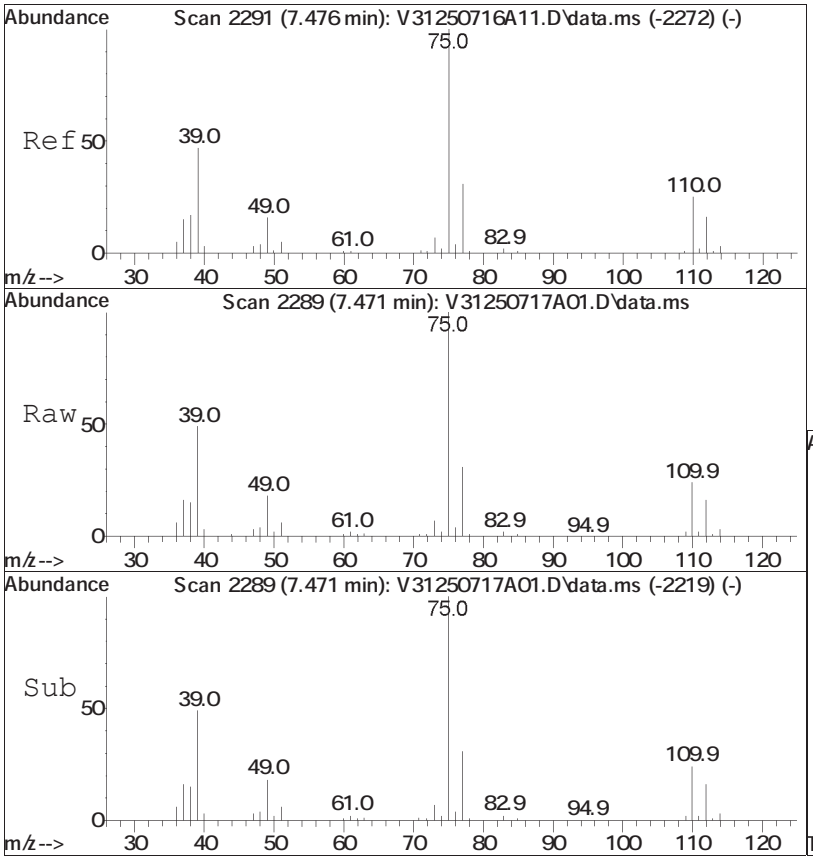


#61
Toluene
Concen: 39.57 ug/L
RT: 7.744 min Scan# 2387
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 92 Resp: 434034

Ion	Ratio	Lower	Upper
92	100		
91	173.0	135.0	202.4

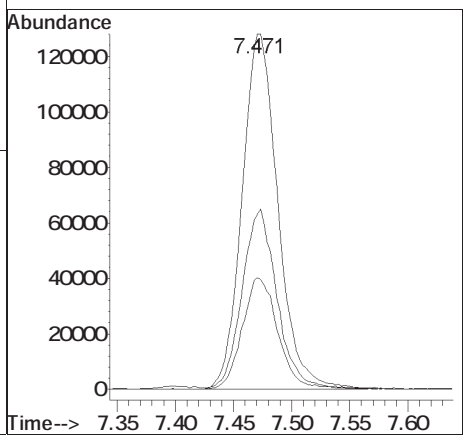


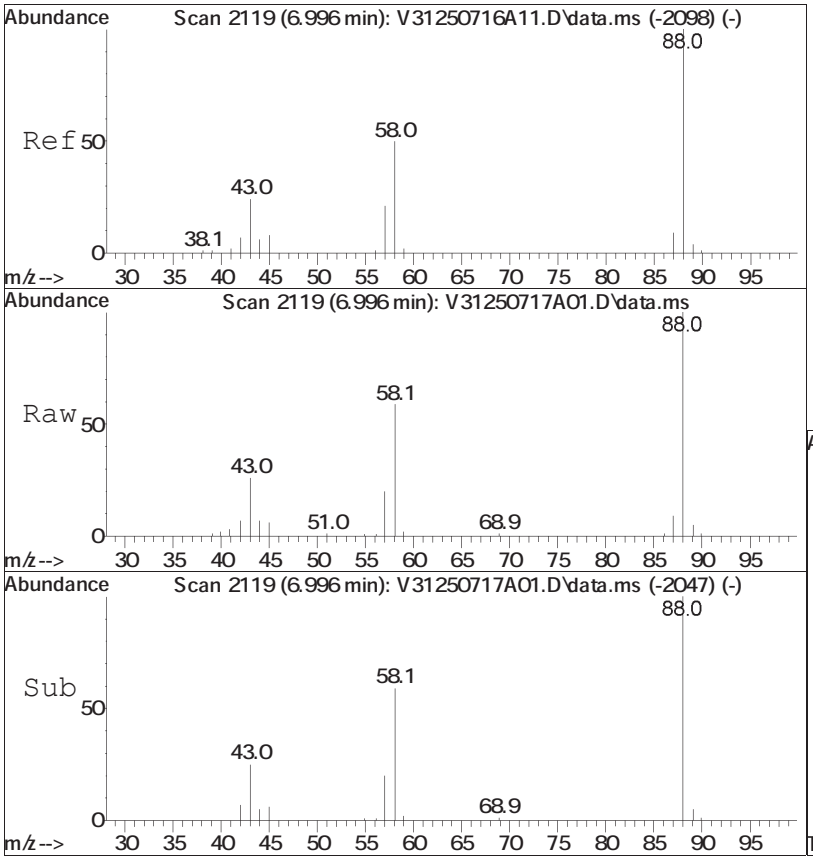


#58
cis-1,3-Dichloropropene
Concen: 37.77 ug/L
RT: 7.471 min Scan# 2289
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 75 Resp: 275081

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	48.9	41.4	62.0

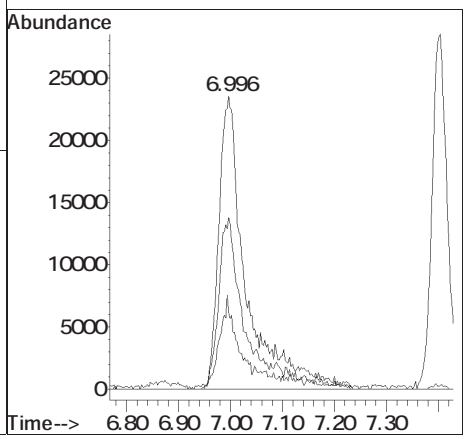


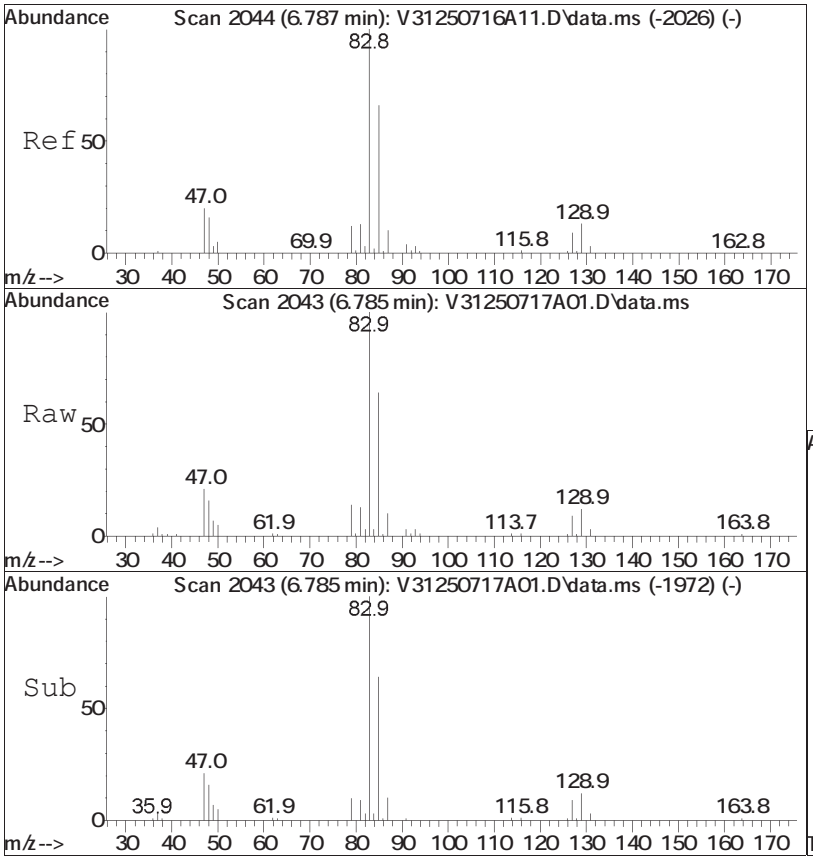


#57
1,4-Dioxane
Concen: 1893.86 ug/L M1
RT: 6.996 min Scan# 2119
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 88 Resp: 86898

Ion	Ratio	Lower	Upper
88	100		
58	44.0	51.6	77.4#
43	19.2	10.0	15.0#

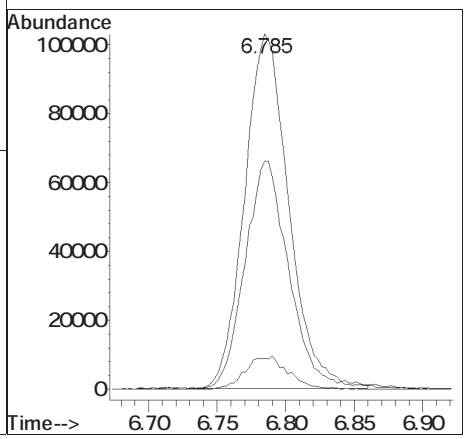


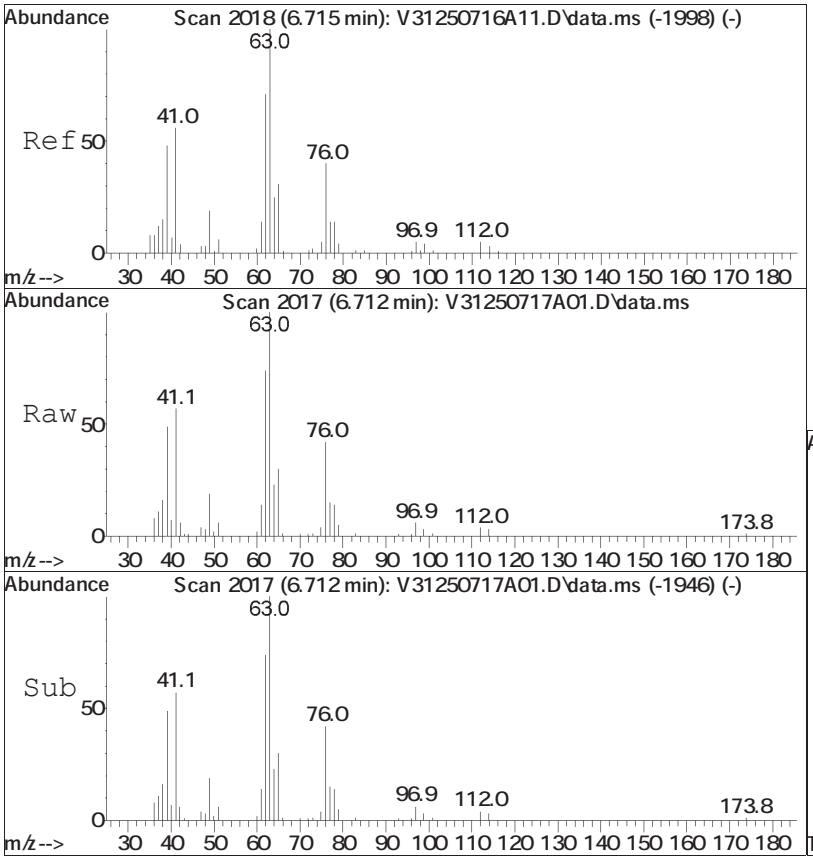


#54
Bromodichloromethane
Concen: 36.08 ug/L
RT: 6.785 min Scan# 2043
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 83 Resp: 230771

Ion	Ratio	Lower	Upper
83	100		
85	63.3	25.6	38.4#
127	9.2	7.5	11.3

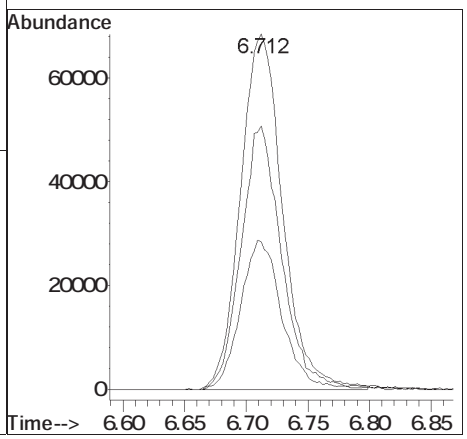


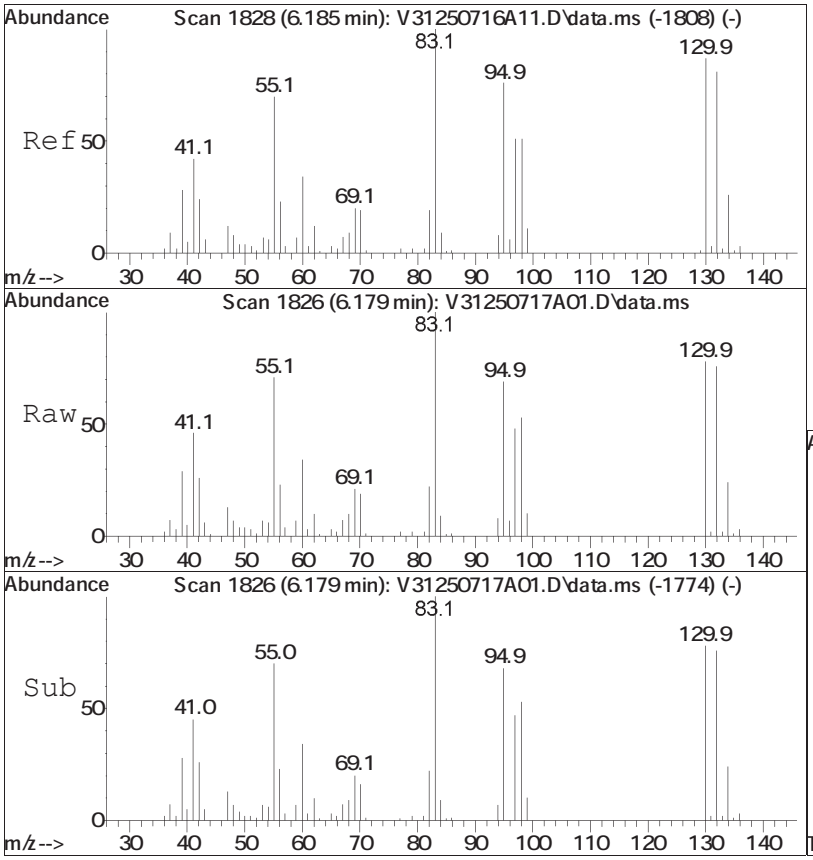


#51
1,2-Dichloropropane
Concen: 36.54 ug/L
RT: 6.712 min Scan# 2017
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 63 Resp: 162985

Ion	Ratio	Lower	Upper
63	100		
62	71.0	56.2	84.2
76	40.9	35.0	52.4

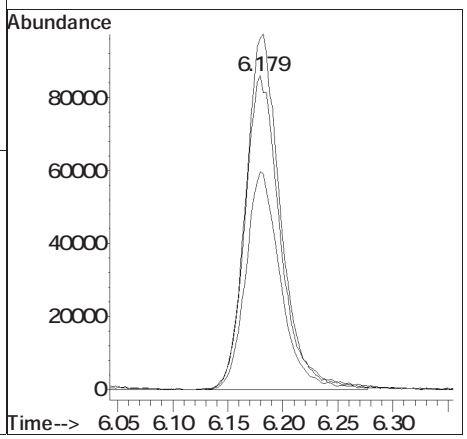


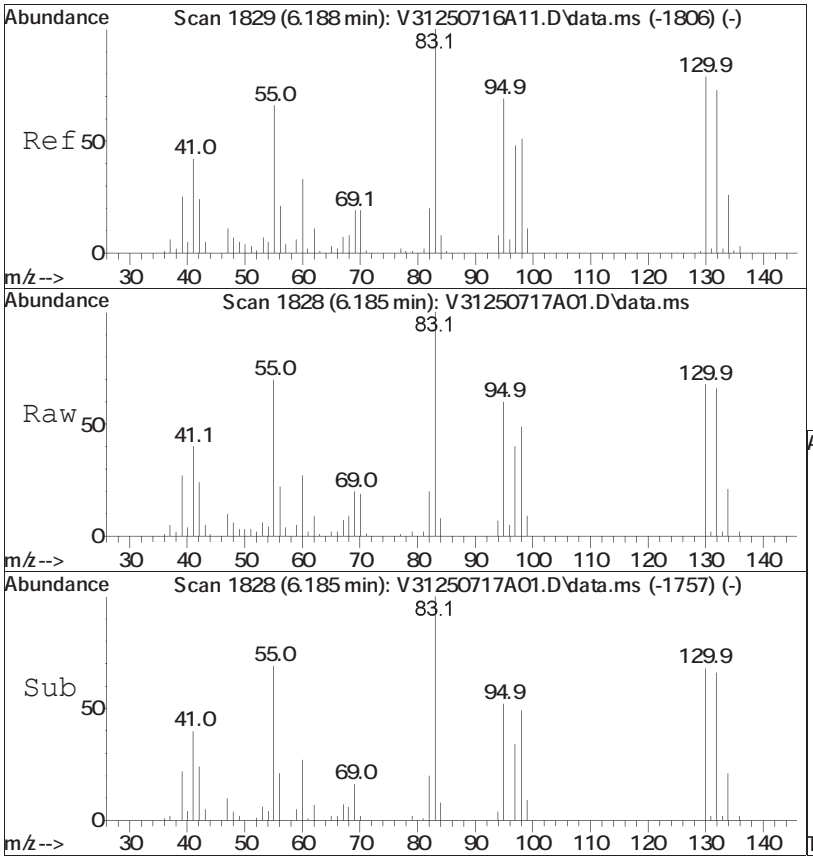


#48
Trichloroethene
Concen: 37.91 ug/L
RT: 6.179 min Scan# 1826
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 95 Resp: 192391

Ion	Ratio	Lower	Upper
95	100		
97	67.3	54.8	82.2
130	112.6	86.9	130.3

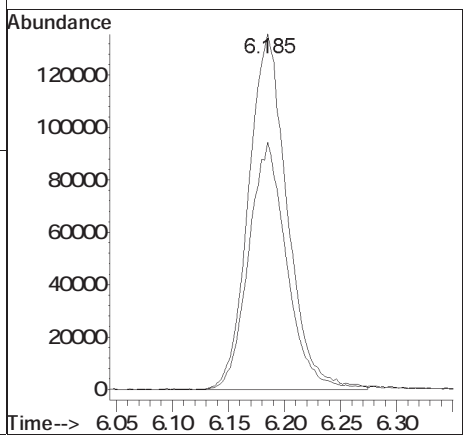


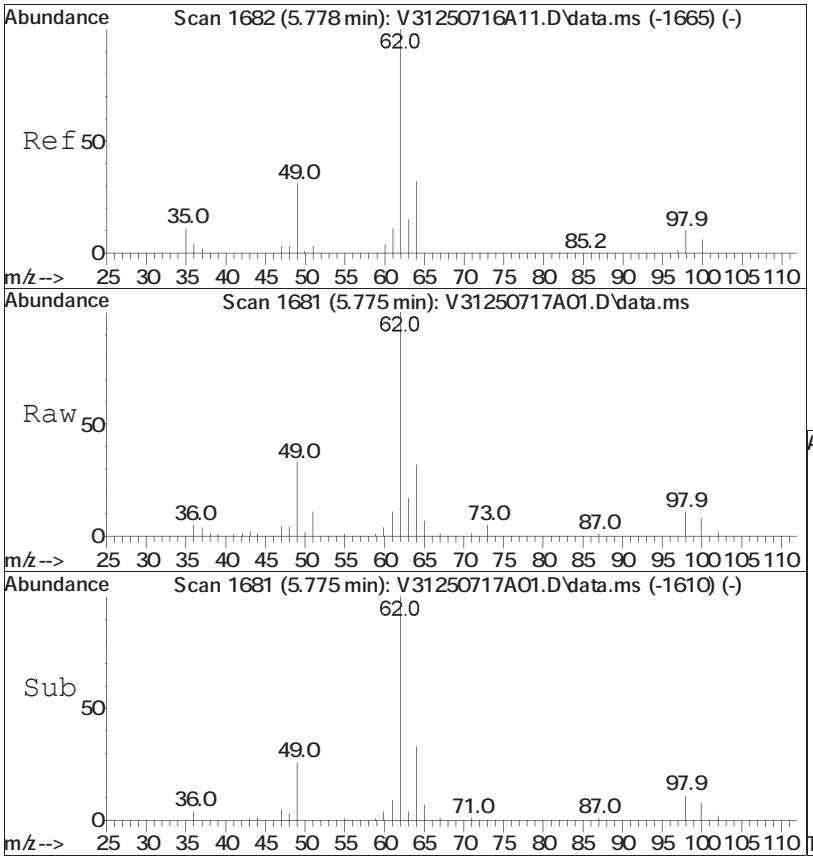


#47
Methyl cyclohexane
Concen: 41.54 ug/L
RT: 6.185 min Scan# 1828
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 83 Resp: 325442

Ion	Ratio	Lower	Upper
83	100		
55	68.3	58.7	88.1

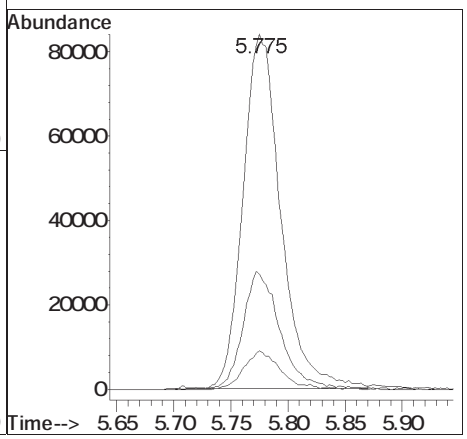


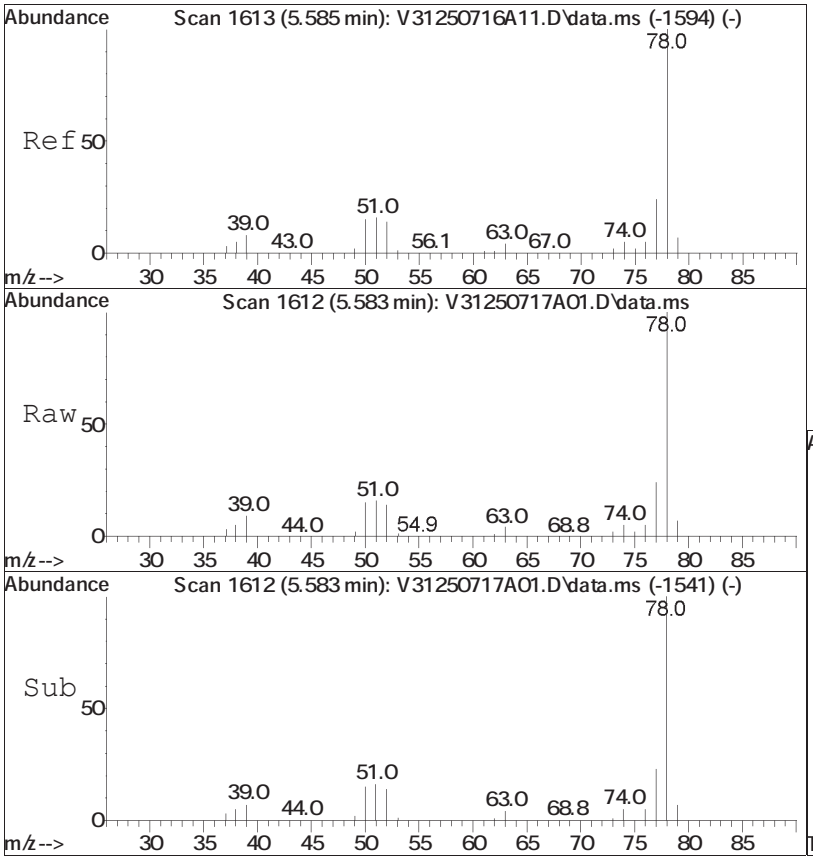


#44
1,2-Dichloroethane
Concen: 35.97 ug/L
RT: 5.775 min Scan# 1681
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 62 Resp: 193791

Ion	Ratio	Lower	Upper
62	100		
64	31.6	12.4	52.4
98	10.4	0.0	29.5

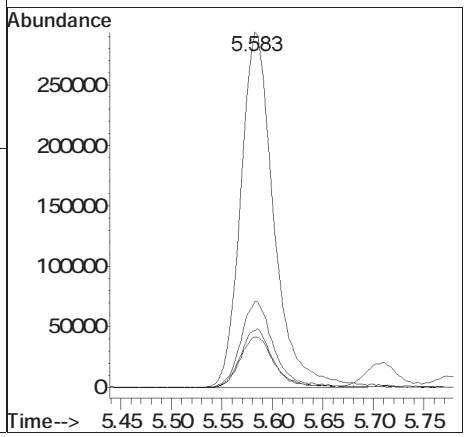


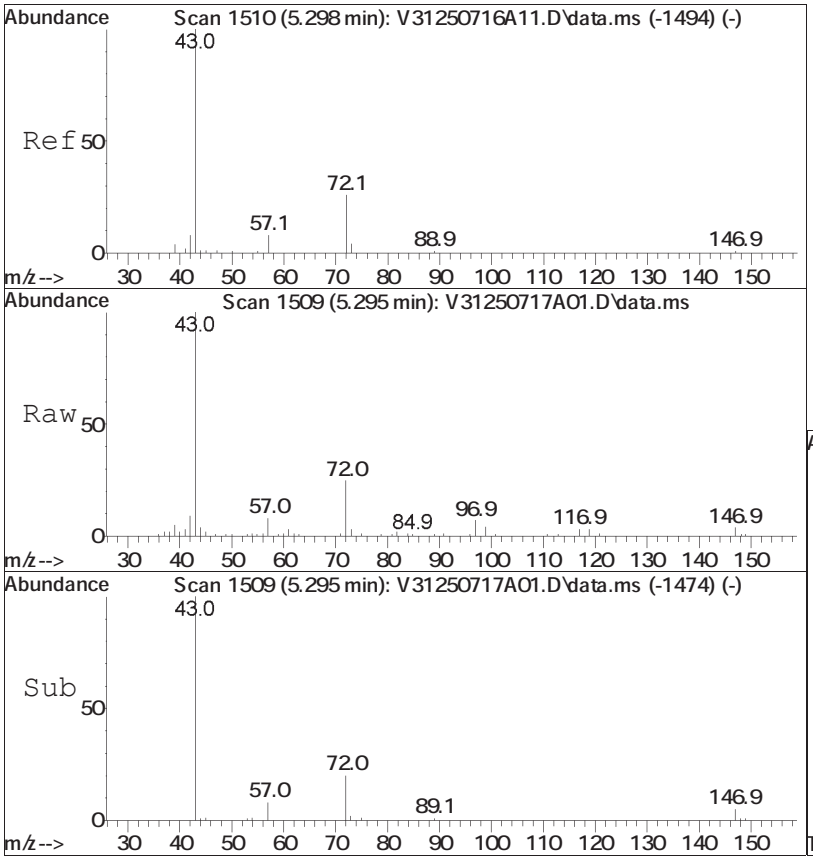


#41
Benzene
Concen: 38.76 ug/L
RT: 5.583 min Scan# 1612
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 78 Resp: 668735

Ion	Ratio	Lower	Upper
78	100		
77	24.1	15.4	32.0
51	16.3	10.8	22.4
52	14.4	10.2	21.2

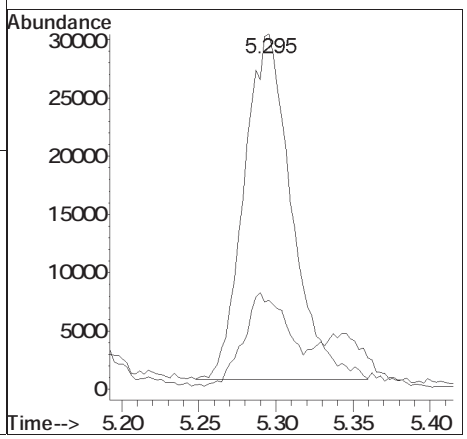


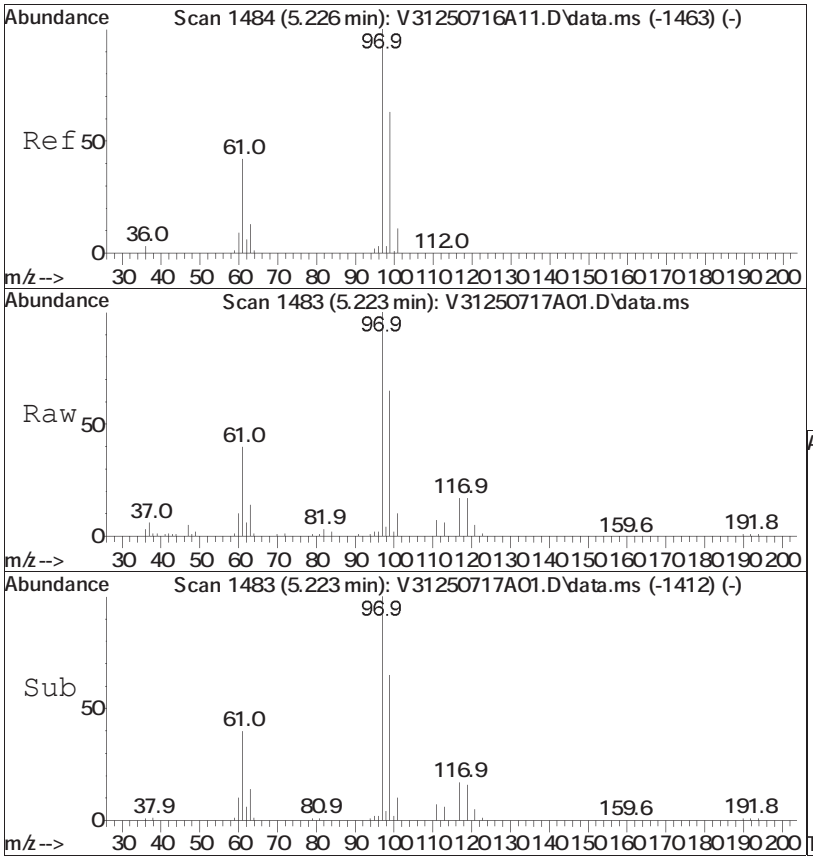


#39
2-Butanone
Concen: 32.34 ug/L
RT: 5.295 min Scan# 1509
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 43 Resp: 63515

Ion	Ratio	Lower	Upper
43	100		
72	24.3	11.4	17.2#

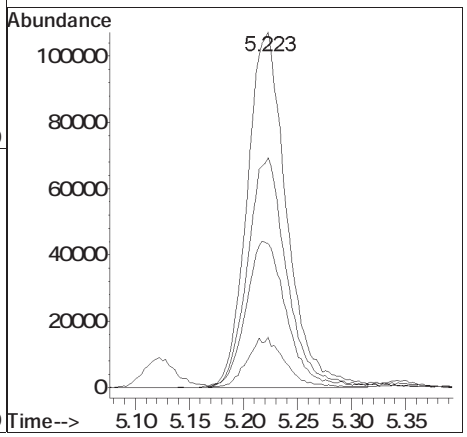


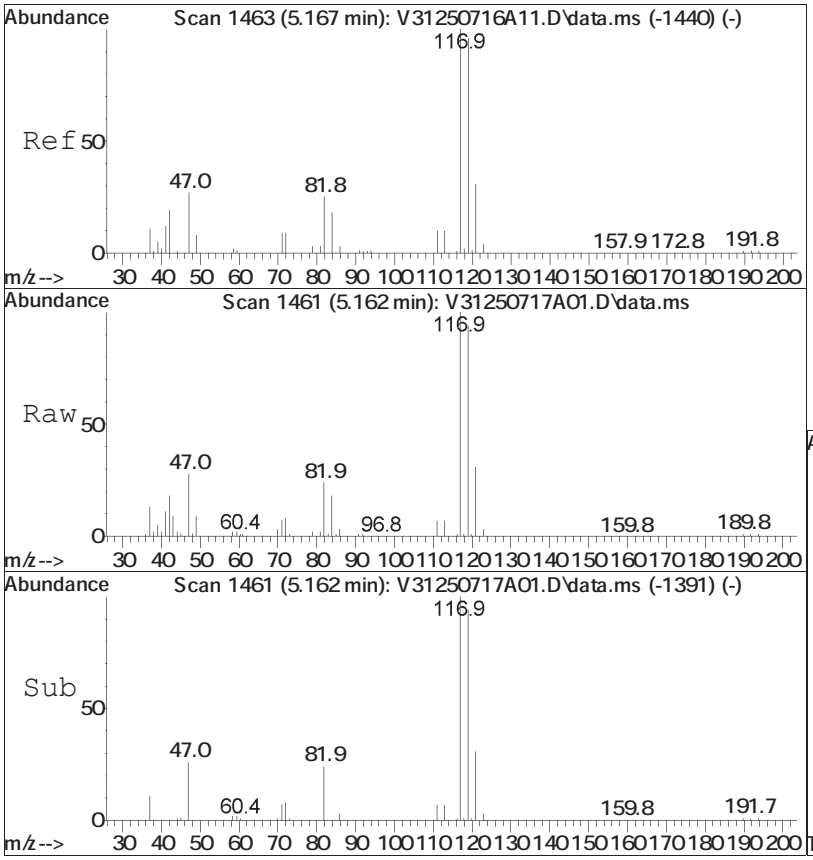


#37
1,1,1-Trichloroethane
Concen: 41.67 ug/L
RT: 5.223 min Scan# 1483
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 97 Resp: 272750

Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.1	87.3
61	40.7	13.1	27.1#
63	13.5	4.0	8.4#

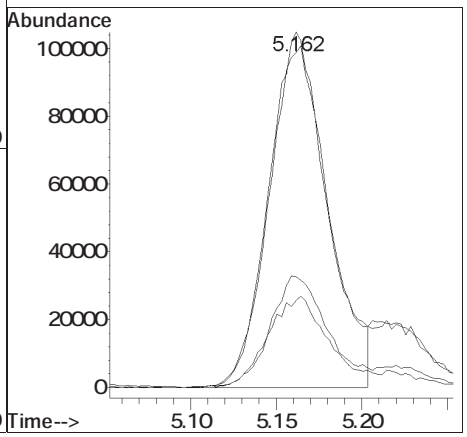


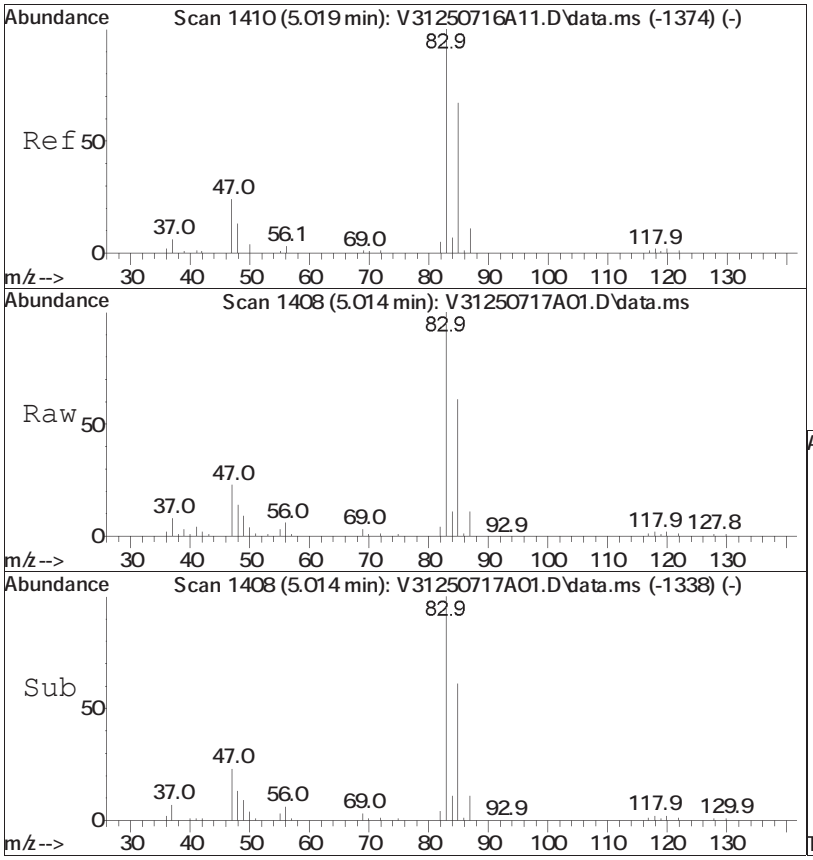


#34
Carbon tetrachloride
Concen: 41.30 ug/L
RT: 5.162 min Scan# 1461
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:117 Resp: 251588

Ion	Ratio	Lower	Upper
117	100		
119	97.4	62.9	130.5
121	31.2	11.4	23.8#
82	26.7	15.4	32.0

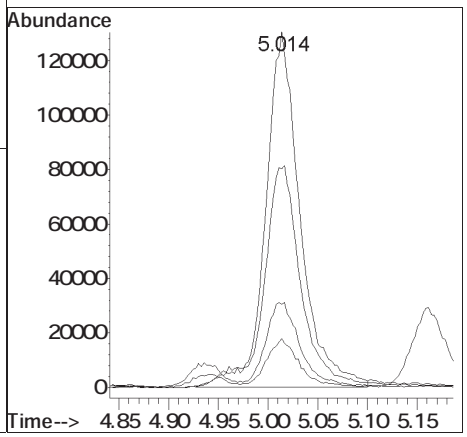


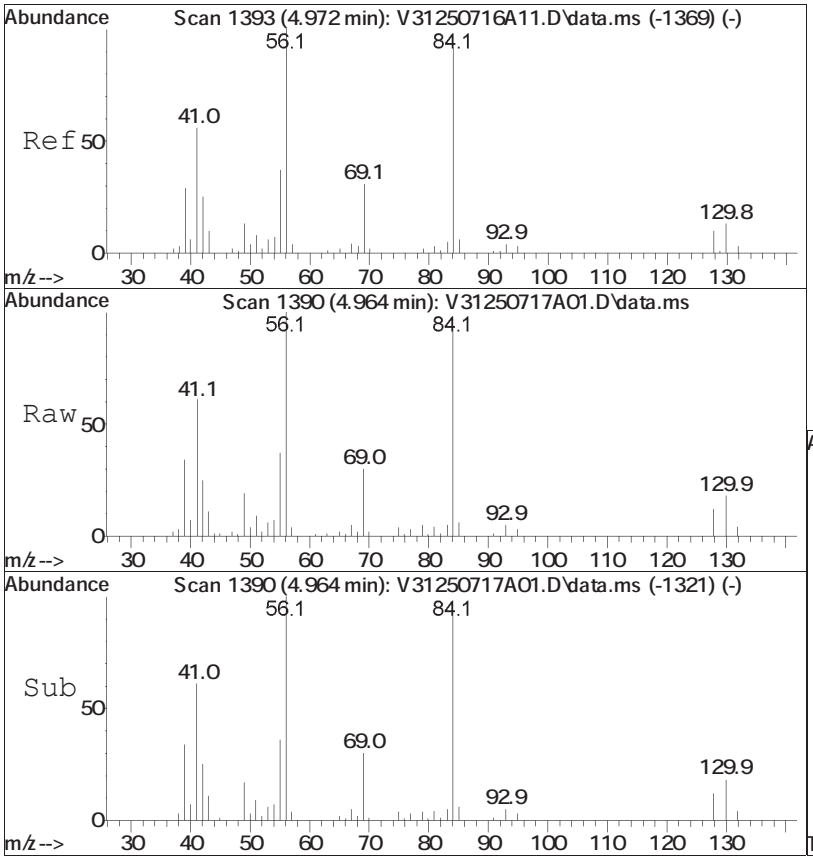


#32
Chloroform
Concen: 36.85 ug/L
RT: 5.014 min Scan# 1408
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 83 Resp: 314585

Ion	Ratio	Lower	Upper
83	100		
85	61.9	41.9	86.9
47	23.1	15.9	32.9
48	12.7	7.9	16.3

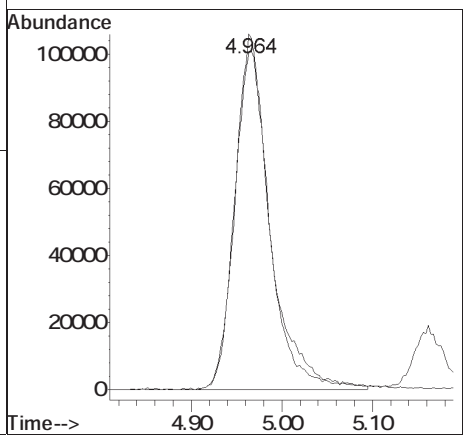


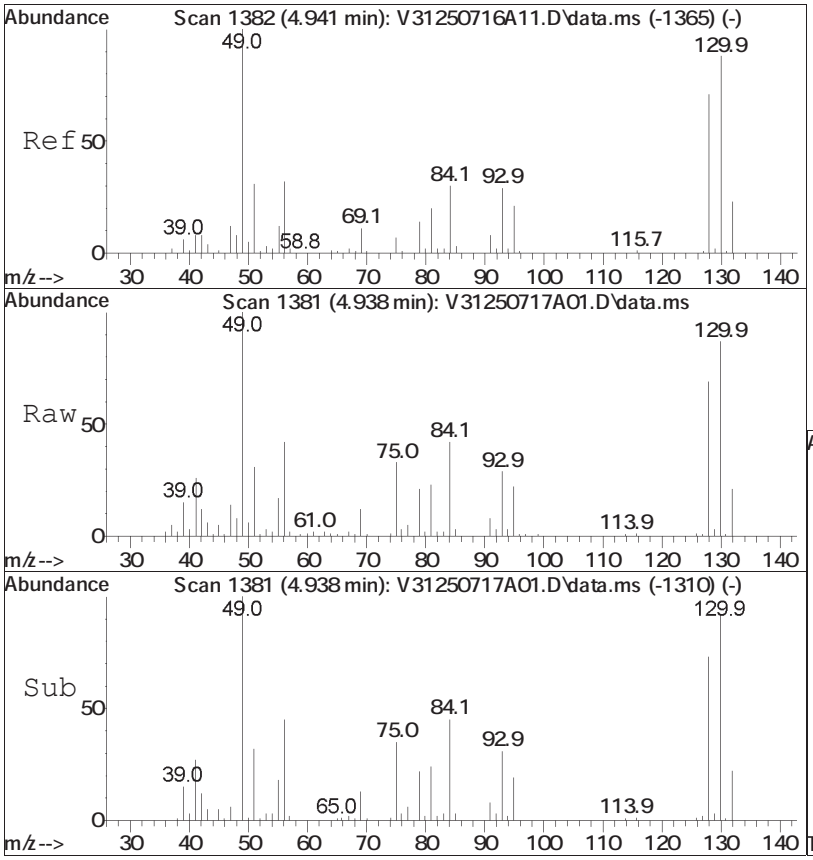


#31
Cyclohexane
Concen: 43.12 ug/L
RT: 4.964 min Scan# 1390
Delta R.T. -0.008 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 56 Resp: 278164

Ion	Ratio	Lower	Upper
56	100		
84	100.1	61.7	128.1

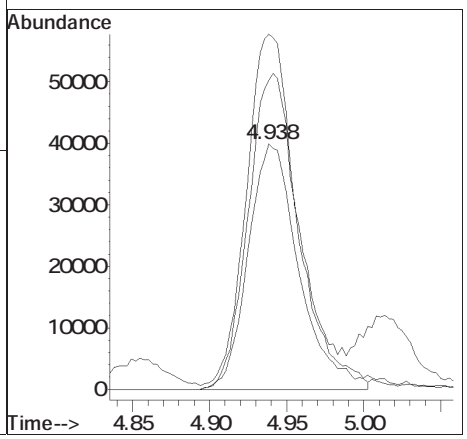


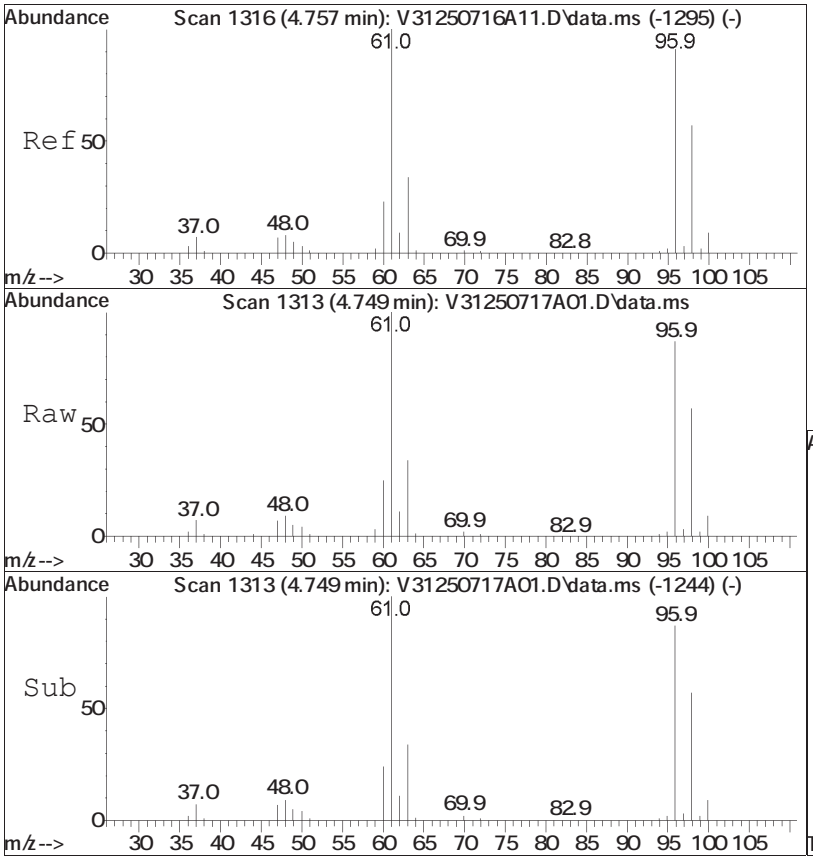


#30
Bromochloromethane
Concen: 35.19 ug/L
RT: 4.938 min Scan# 1381
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:128 Resp: 91428

Ion	Ratio	Lower	Upper
128	100		
49	144.4	112.3	168.5
130	132.1	102.2	153.4

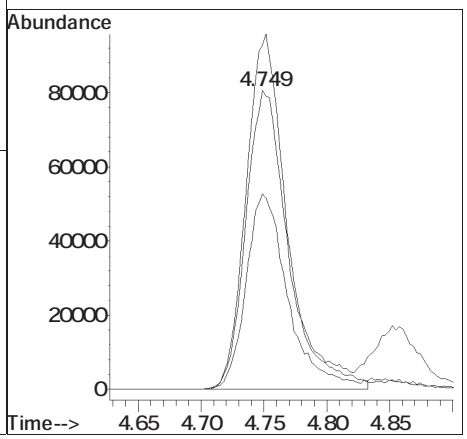


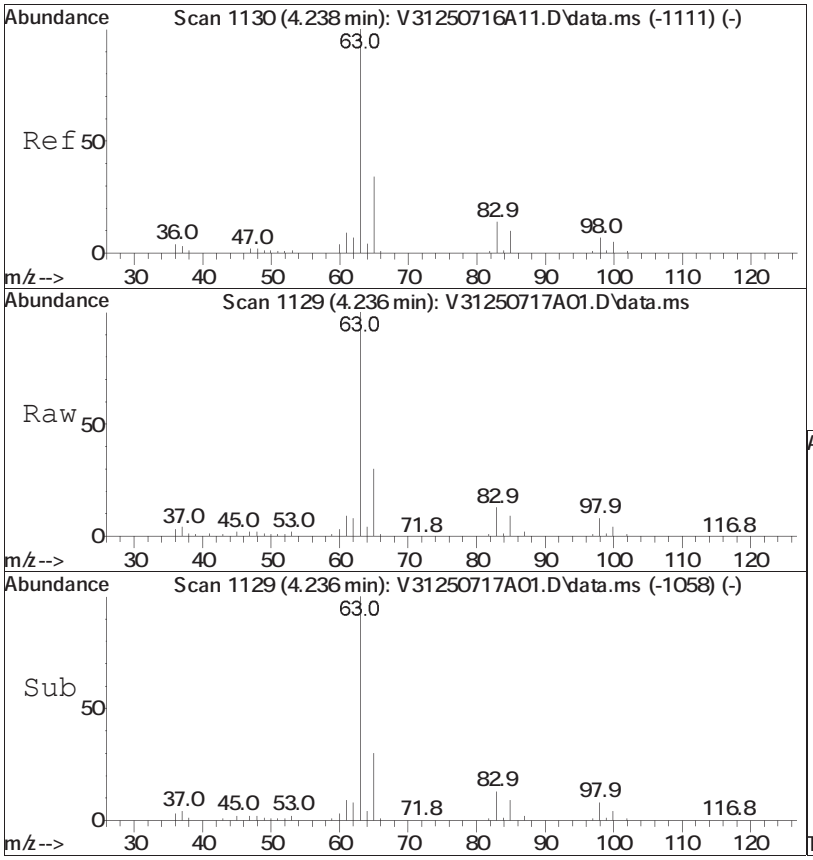


#28
cis-1,2-Dichloroethene
Concen: 37.07 ug/L
RT: 4.749 min Scan# 1313
Delta R.T. -0.008 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 96 Resp: 189744

Ion	Ratio	Lower	Upper
96	100		
61	114.9	98.6	147.8
98	64.6	51.8	77.6

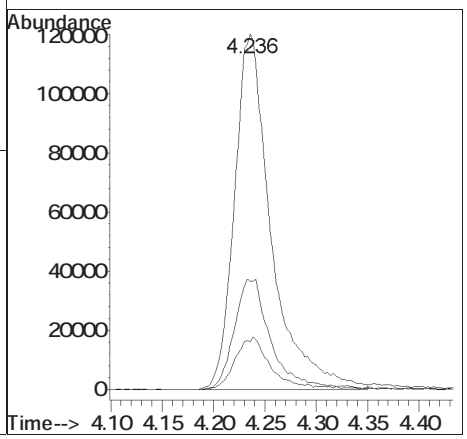


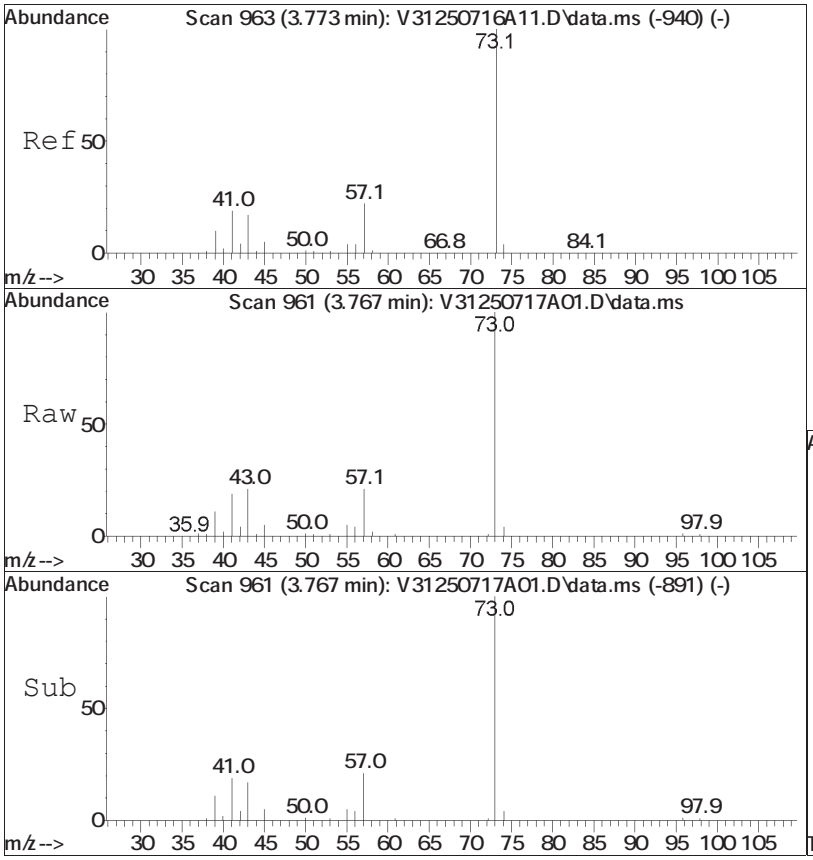


#23
1,1-Dichloroethane
Concen: 39.29 ug/L
RT: 4.236 min Scan# 1129
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 63 Resp: 299218

Ion	Ratio	Lower	Upper
63	100		
65	30.6	11.3	51.3
83	14.4	0.0	33.6

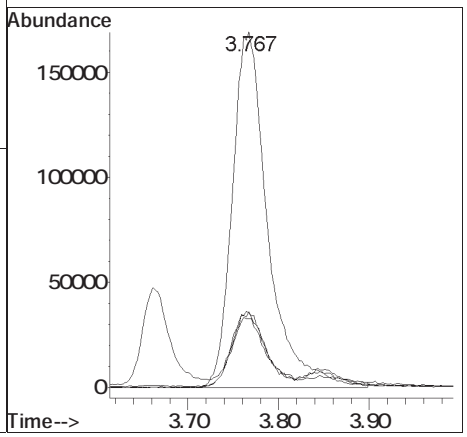


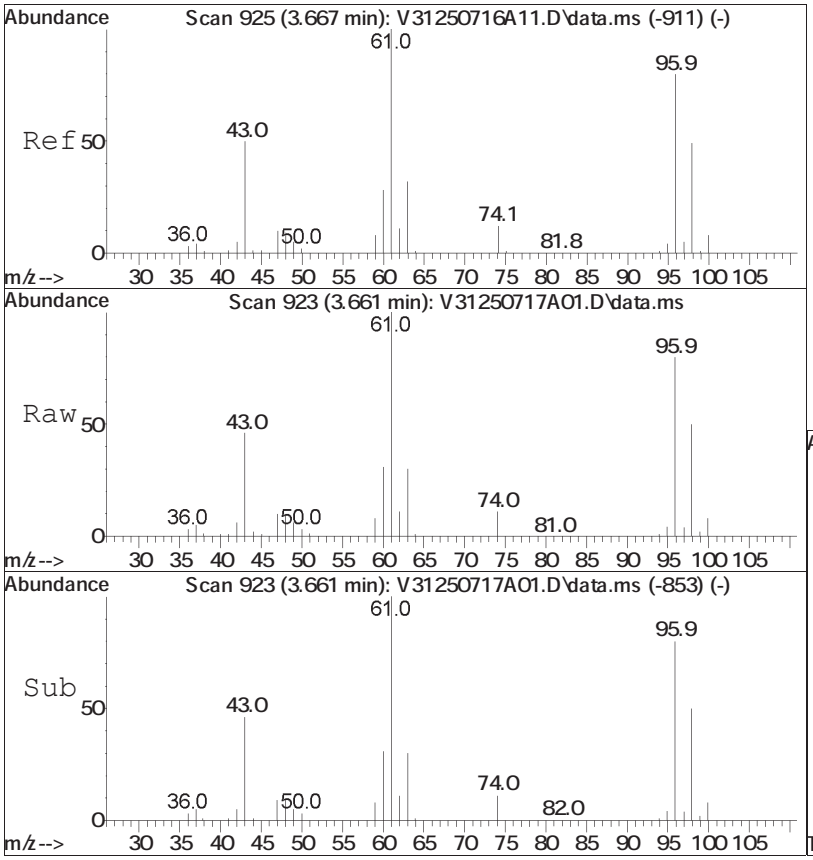


#20
Methyl tert-butyl ether
Concen: 35.60 ug/L
RT: 3.767 min Scan# 961
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 73 Resp: 463227

Ion	Ratio	Lower	Upper
73	100		
57	20.6	13.8	28.6
43	19.3	11.6	24.0
41	18.3	12.8	26.6

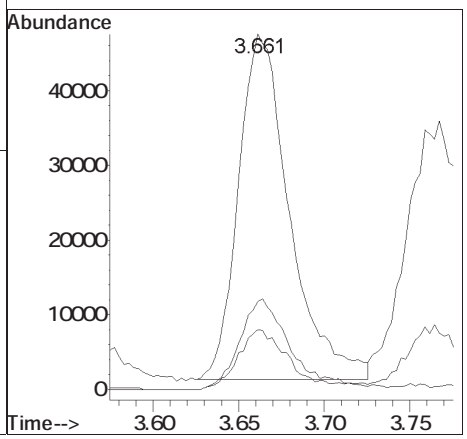


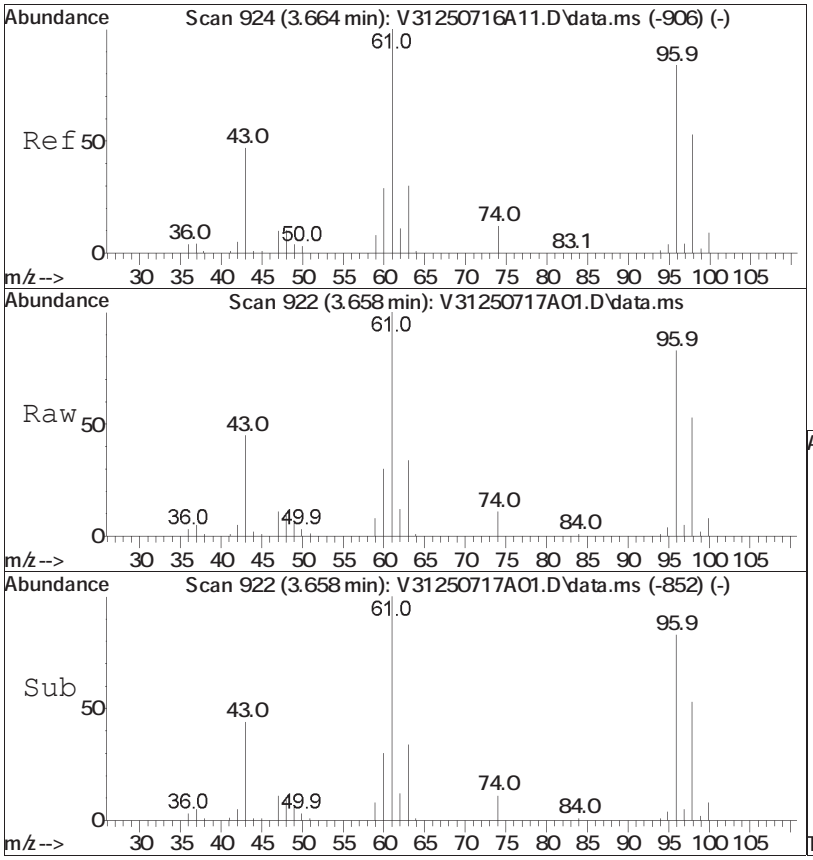


#19
Methyl acetate
Concen: 36.76 ug/L
RT: 3.661 min Scan# 923
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 43 Resp: 96051

Ion	Ratio	Lower	Upper
43	100		
74	25.4	17.1	25.7
59	16.8	3.1	4.7#

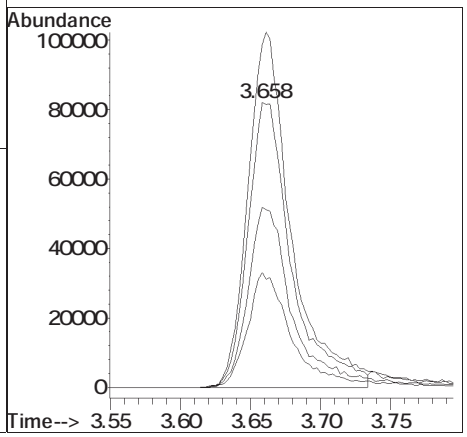


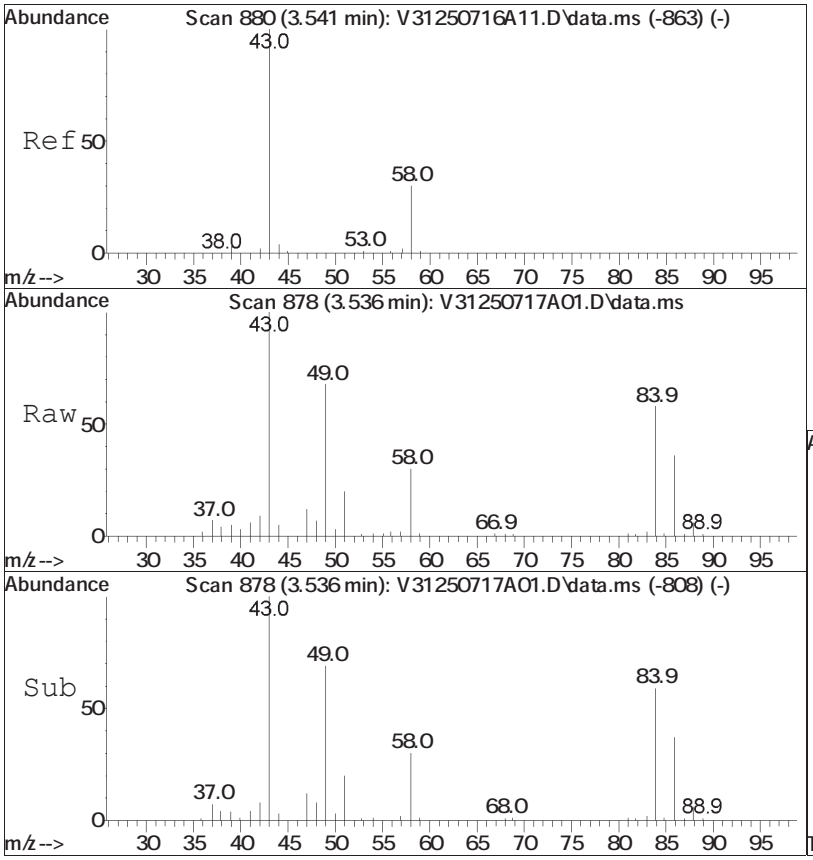


#18
trans-1,2-Dichloroethene
Concen: 38.36 ug/L
RT: 3.658 min Scan# 922
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 96 Resp: 177788

Ion	Ratio	Lower	Upper
96	100		
61	127.7	89.1	185.1
98	64.0	42.1	87.5
63	40.9	28.4	59.0

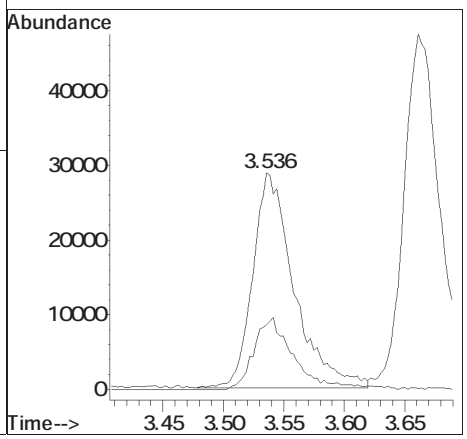


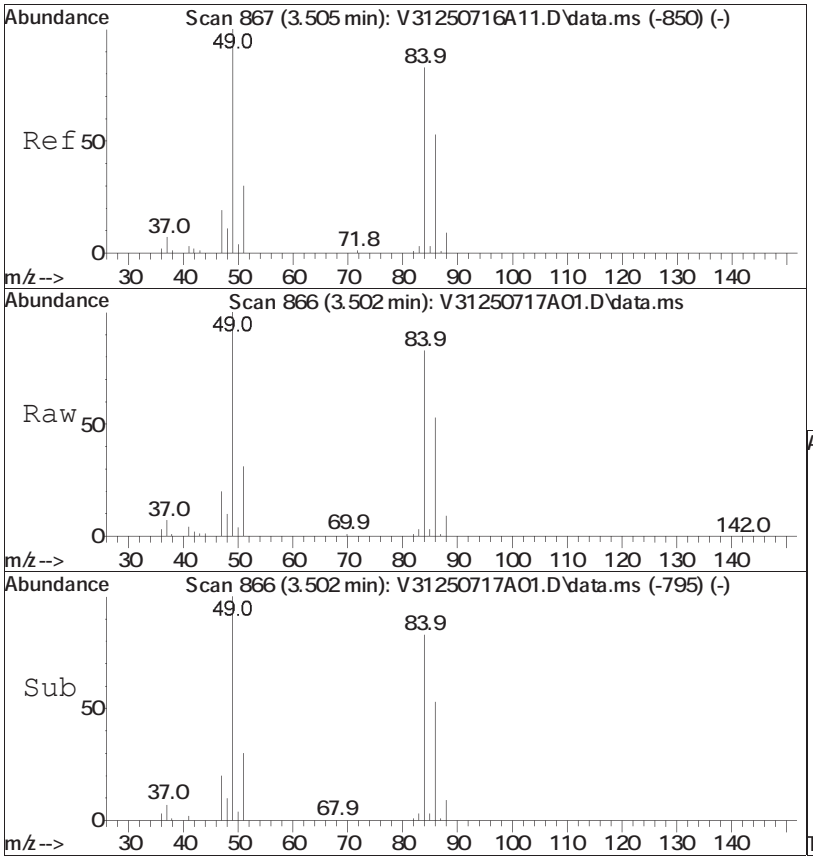


#17
Acetone
Concen: 43.74 ug/L
RT: 3.536 min Scan# 878
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 43 Resp: 68576

Ion	Ratio	Lower	Upper
43	100		
58	31.5	8.4	12.6#

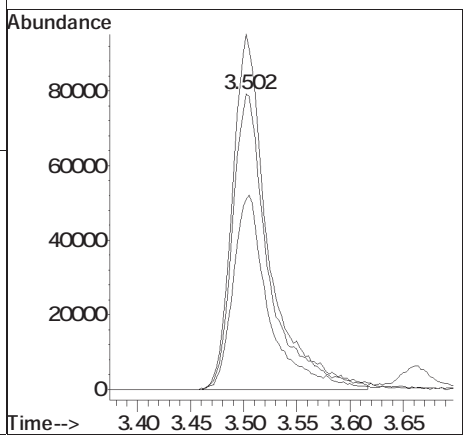


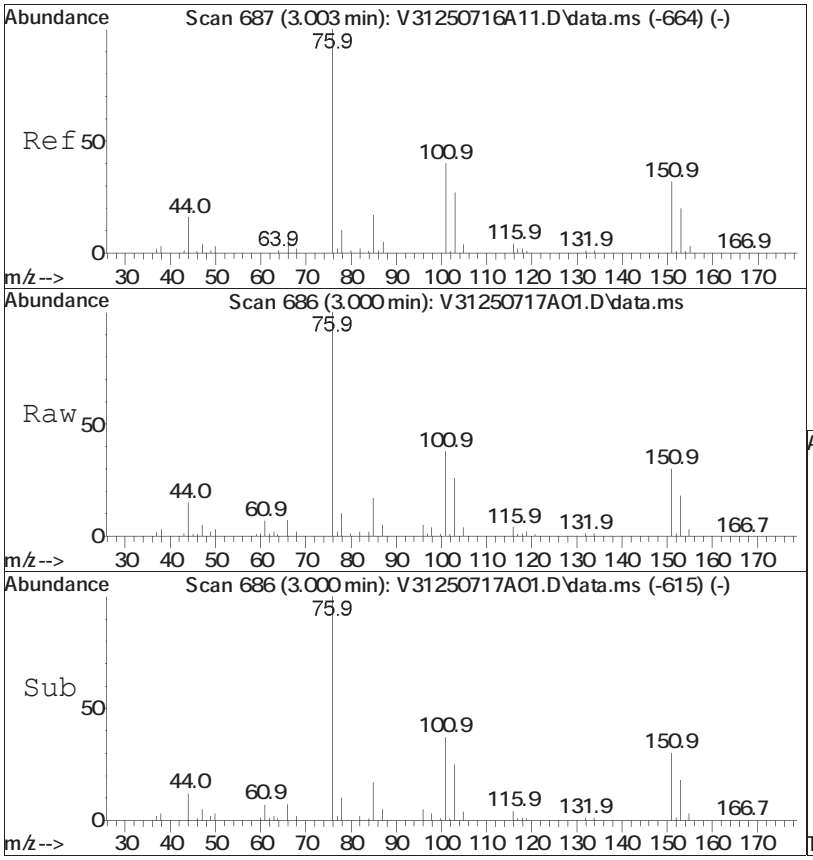


#15
Methylene chloride
Concen: 35.75 ug/L
RT: 3.502 min Scan# 866
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 84 Resp: 188091

Ion	Ratio	Lower	Upper
84	100		
86	65.3	15.5	32.3#
49	119.4	79.6	165.4

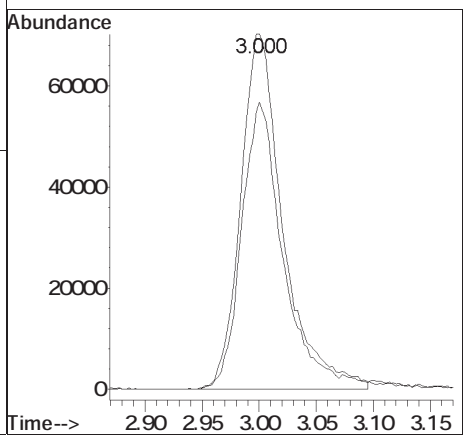


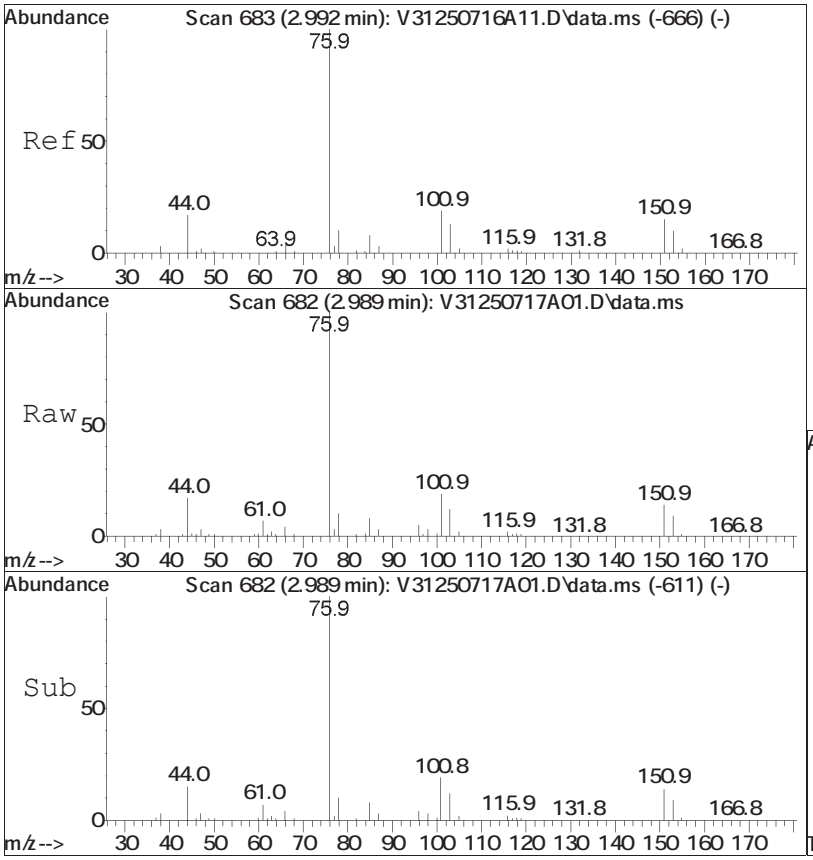


#12
Freon-113
Concen: 41.73 ug/L
RT: 3.000 min Scan# 686
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:101 Resp: 181483

Ion	Ratio	Lower	Upper
101	100		
151	77.9	32.6	48.8#

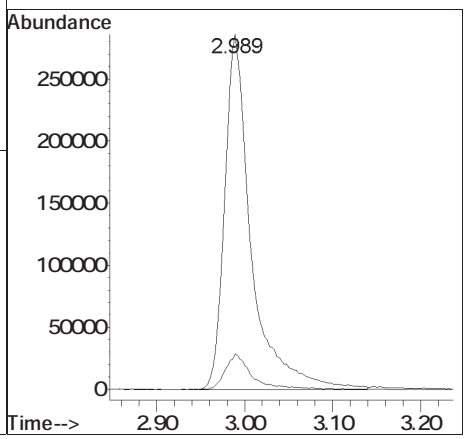


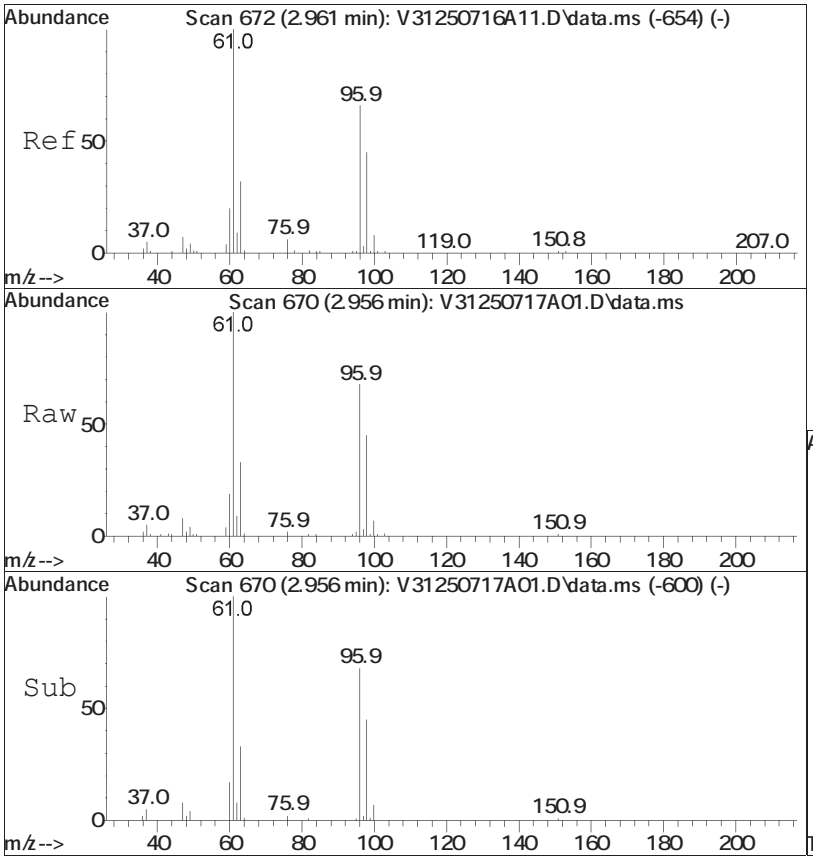


#11
Carbon disulfide
Concen: 41.31 ug/L
RT: 2.989 min Scan# 682
Delta R.T. -0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 76 Resp: 600371

Ion	Ratio	Lower	Upper
76	100		
78	9.1	2.3	4.7#

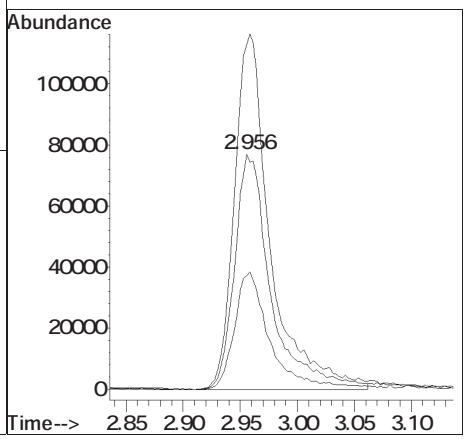


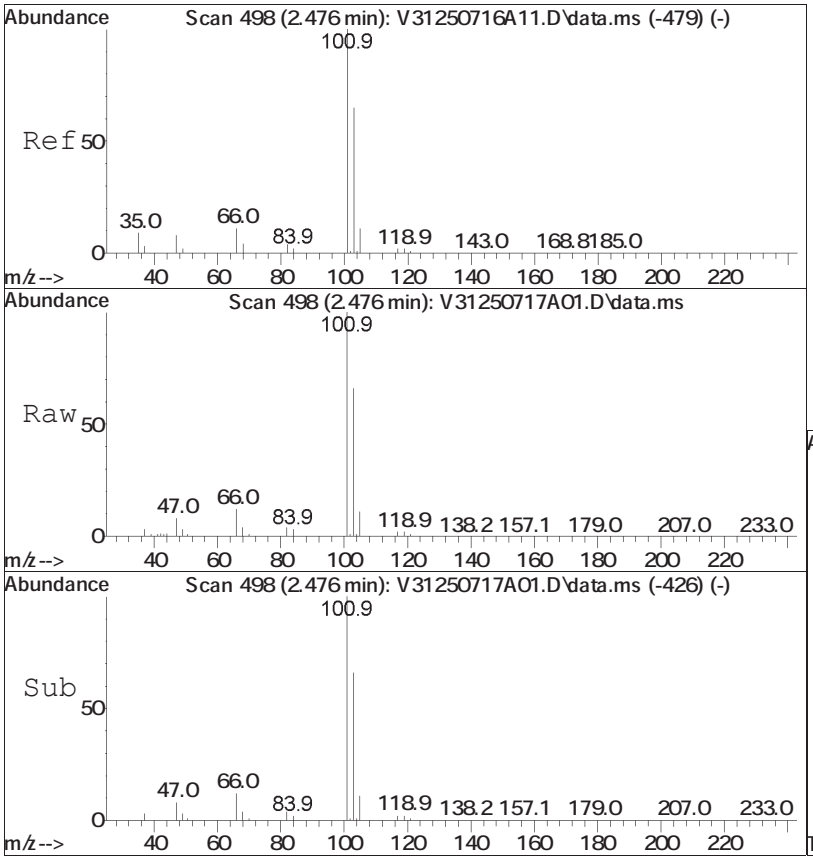


#10
1,1-Dichloroethene
Concen: 40.09 ug/L
RT: 2.956 min Scan# 670
Delta R.T. -0.005 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 96 Resp: 171026

Ion	Ratio	Lower	Upper
96	100		
61	147.5	128.4	192.6
63	46.5	40.9	61.3

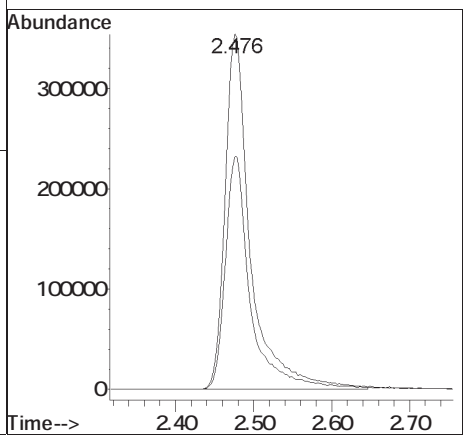


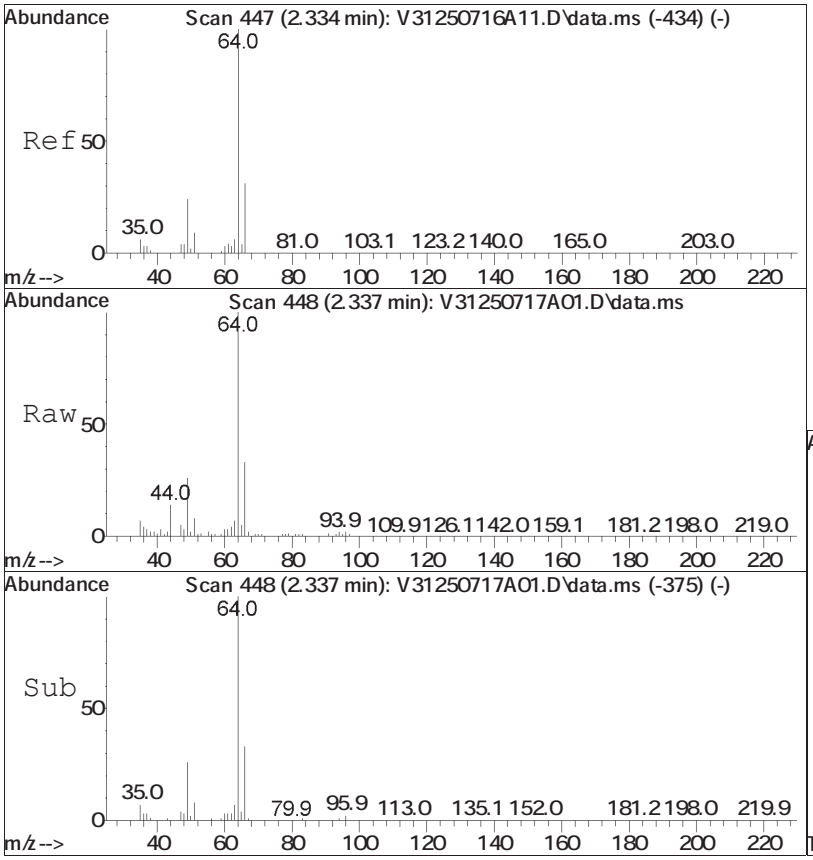


#7
Trichlorofluoromethane
Concen: 48.21 ug/L
RT: 2.476 min Scan# 498
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion:101 Resp: 805412

Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.4	78.6

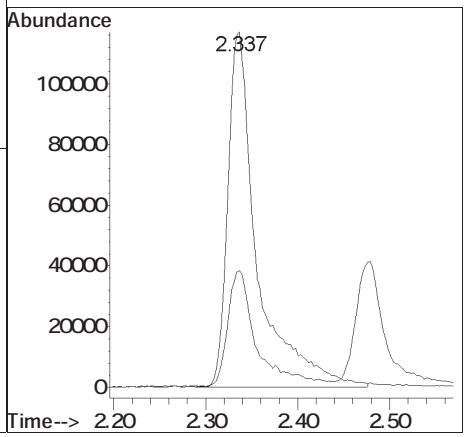


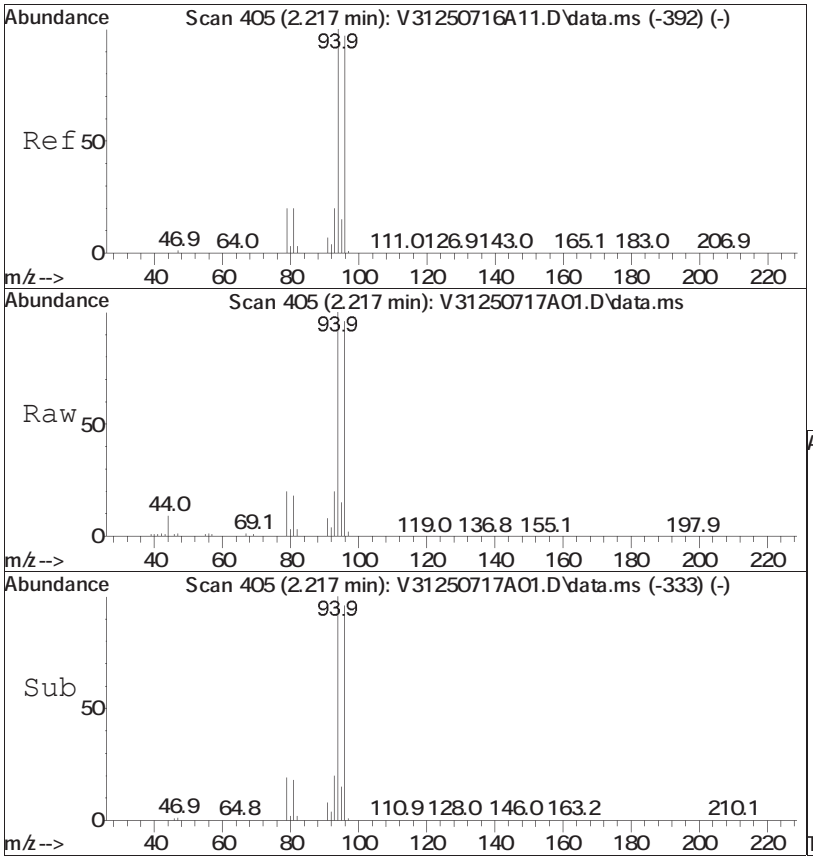


#6
Chloroethane
Concen: 47.97 ug/L
RT: 2.337 min Scan# 448
Delta R.T. 0.003 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 64 Resp: 259083

Ion	Ratio	Lower	Upper
64	100		
66	29.9	9.2	49.2

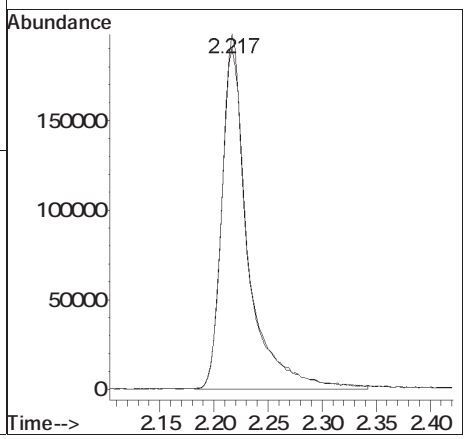


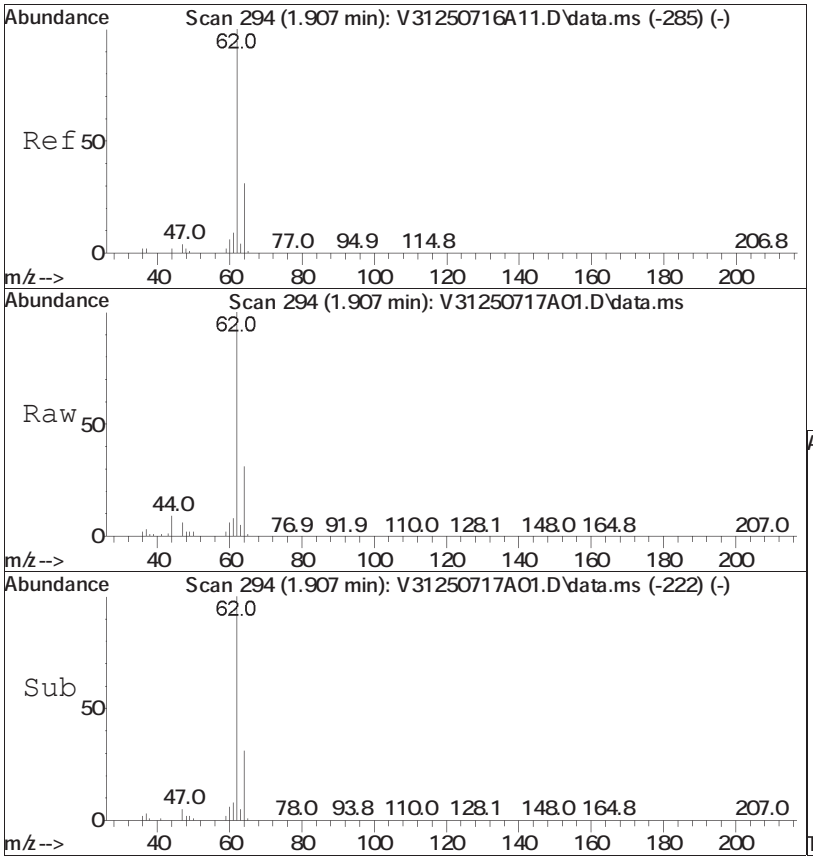


#5
Bromomethane
Concen: 52.05 ug/L
RT: 2.217 min Scan# 405
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 94 Resp: 332470

Ion	Ratio	Lower	Upper
94	100		
96	96.7	13.2	53.2#

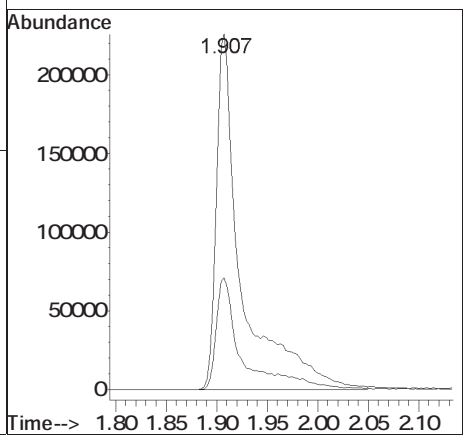


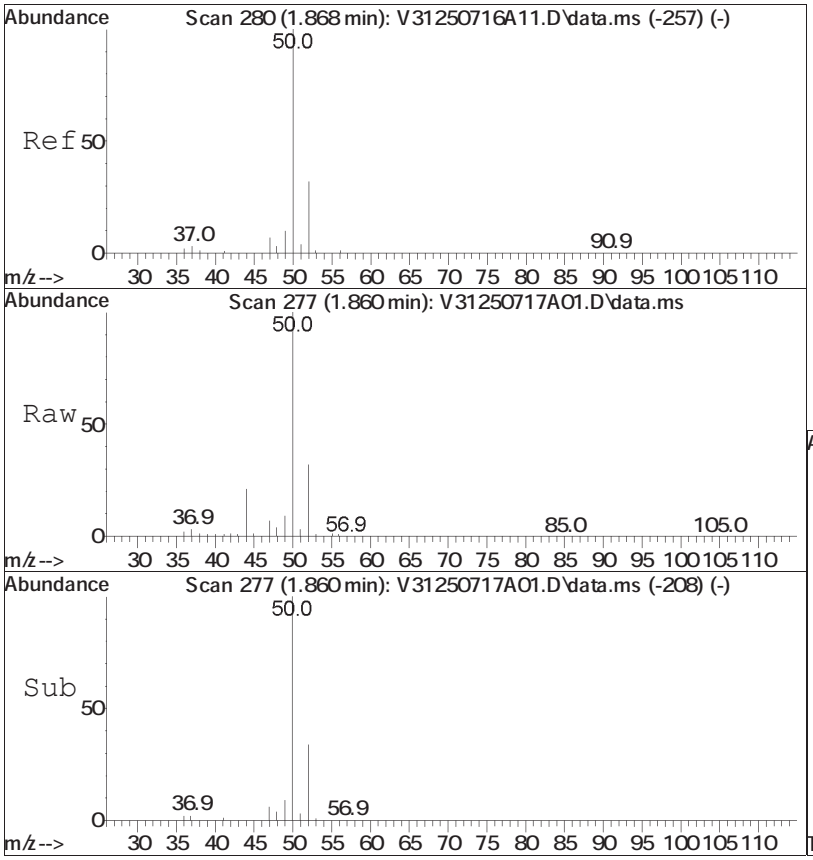


#4
Vinyl chloride
Concen: 48.69 ug/L
RT: 1.907 min Scan# 294
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 62 Resp: 393232

Ion	Ratio	Lower	Upper
62	100		
64	26.7	0.0	30.8

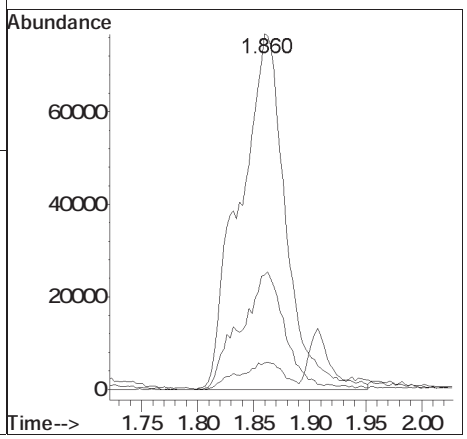


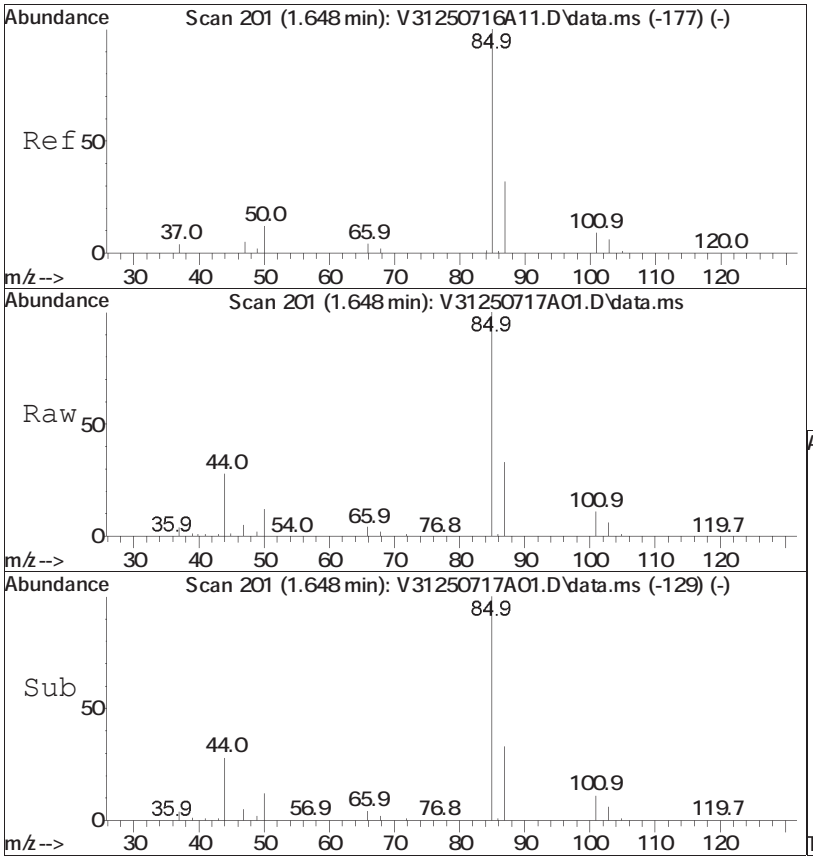


#3
Chloromethane
Concen: 48.02 ug/L
RT: 1.860 min Scan# 277
Delta R.T. -0.008 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 50 Resp: 218772

Ion	Ratio	Lower	Upper
50	100		
52	23.1	0.0	25.2
47	4.1	0.0	23.8

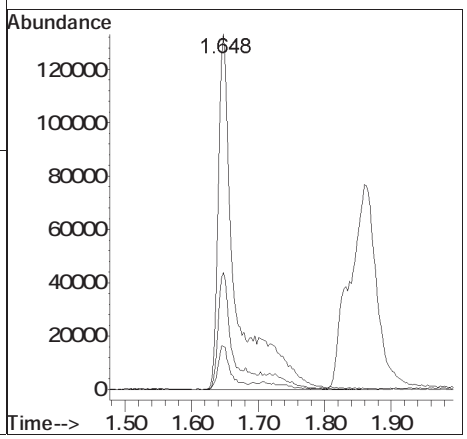




#2
Dichlorodifluoromethane
Concen: 52.53 ug/L M1
RT: 1.648 min Scan# 201
Delta R.T. 0.000 min
Lab File: V31250717A01.D
Acq: 17 Jul 2025 11:47 am

Tgt Ion: 85 Resp: 249508

Ion	Ratio	Lower	Upper
85	100		
87	22.6	6.4	13.2#
50	8.7	2.1	4.3#

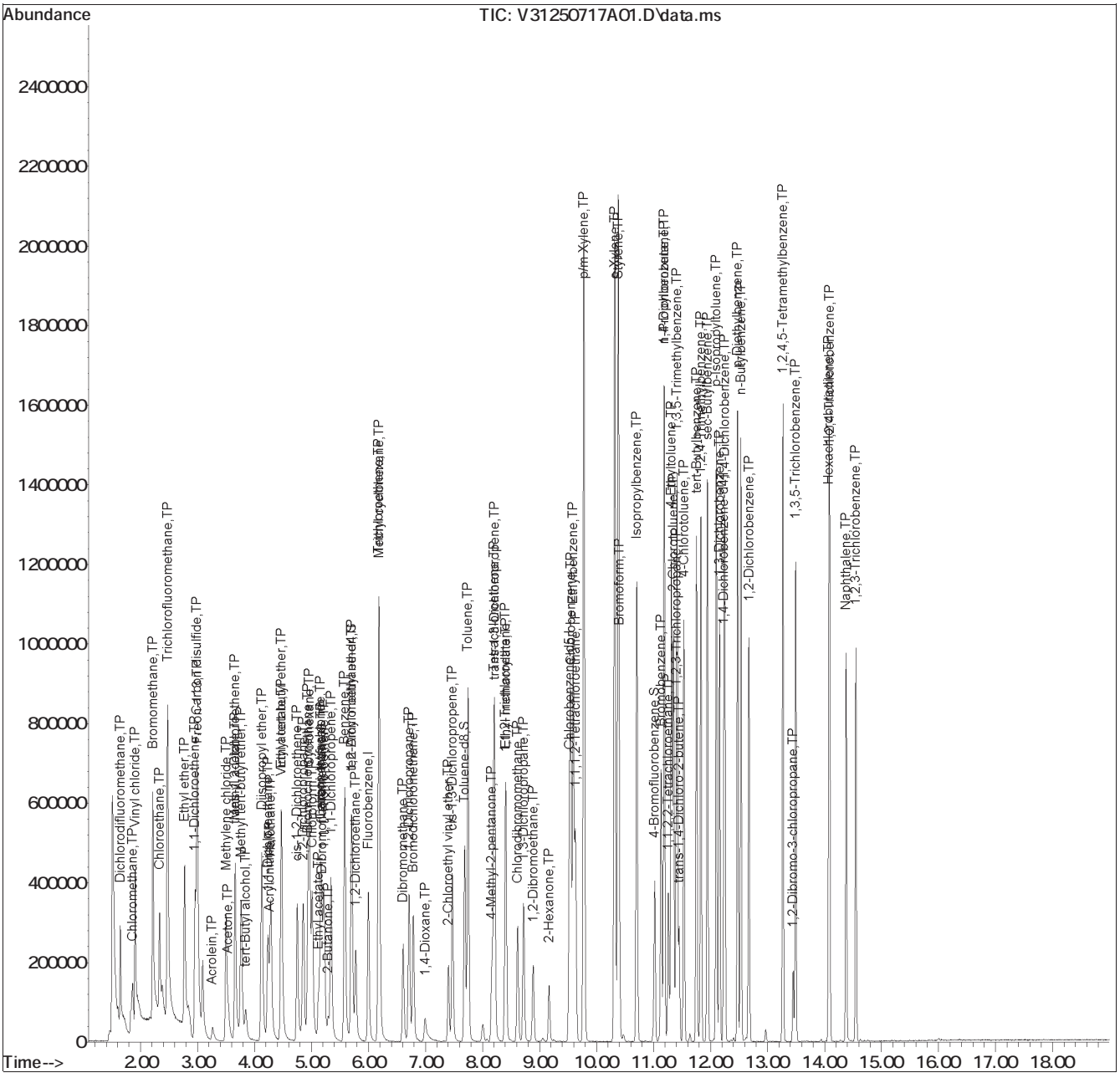


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250717A\
Data File : V31250717A01.D
Acq On : 17 Jul 2025 11:47 am
Operator : VOA131:AJK
Sample : WG2092279-3,31,5,5
Misc : WG2092279,ICAL22474
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 12:32:39 2025
Quant Method : K:\VOA131\2025\250717A\V131_250716A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 17 07:56:02 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox17A01.D•



Data Path : K:\VOA131\2025\250717A\
Data File : V31250717A01.D
Acq On : 17 Jul 2025 11:47 am
Operator : VOA131:AJK
Sample : WG2092279-3,31,5,5
Misc : WG2092279,ICAL22474
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 12:32:39 2025
Quant Method : K:\VOA131\2025\250717A\V131_250716A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 17 07:56:02 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA131\2025\250717A\V31250717A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.223	97	272750	41.667 ug/L #	88
39) 2-Butanone	5.295	43	63515	32.339 ug/L #	76
41) Benzene	5.583	78	668735	38.765 ug/L	99
44) 1,2-Dichloroethane	5.775	62	193791	35.970 ug/L	98
47) Methyl cyclohexane	6.185	83	325442	41.535 ug/L	94
48) Trichloroethene	6.179	95	192391	37.905 ug/L	97
51) 1,2-Dichloropropane	6.712	63	162985	36.536 ug/L	98
54) Bromodichloromethane	6.785	83	230771	36.083 ug/L #	57
57) 1,4-Dioxane	6.996	88	86898M1	1893.861 ug/L	
58) cis-1,3-Dichloropropene	7.471	75	275081	37.765 ug/L	97
61) Toluene	7.744	92	434034	39.565 ug/L	97
62) 4-Methyl-2-pentanone	8.162	58	56404	36.549 ug/L #	96
63) Tetrachloroethene	8.201	166	207325	43.443 ug/L #	80
65) trans-1,3-Dichloropropene	8.212	75	239369	38.087 ug/L	98
68) 1,1,2-Trichloroethane	8.402	83	121588	35.902 ug/L	99
69) Chlorodibromomethane	8.617	129	178650	37.781 ug/L	97
71) 1,2-Dibromoethane	8.890	107	148382	38.278 ug/L	100
72) 2-Hexanone	9.169	43	104180	33.375 ug/L #	96
73) Chlorobenzene	9.548	112	499997	38.826 ug/L	96
74) Ethylbenzene	9.590	91	842271	39.910 ug/L	100
76) p/m Xylene	9.780	106	691010	78.251 ug/L	98
77) o Xylene	10.318	106	656544	75.236 ug/L	100
78) Styrene	10.379	104	1123871	69.486 ug/L	96
80) Bromoform	10.399	173	123459	34.431 ug/L #	56
82) Isopropylbenzene	10.705	105	860861	43.074 ug/L	94
87) 1,1,2,2-Tetrachloroethane	11.258	83	188296	37.618 ug/L	98
100) 1,3-Dichlorobenzene	12.158	146	425346	39.556 ug/L	99
101) 1,4-Dichlorobenzene	12.250	146	436401	39.562 ug/L	98
104) 1,2-Dichlorobenzene	12.674	146	393255	38.747 ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.447	155	34730	39.556 ug/L	97
109) 1,2,4-Trichlorobenzene	14.088	180	292925	39.411 ug/L	99
111) 1,2,3-Trichlorobenzene	14.548	180	257324	38.626 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542557	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/13/25 12:23	
Lab File ID	: ABN0713		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090054-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
n-Nitrosodimethylamine	0.69	0.696	-	-0.9	20	108	0
Pyridine	1.046	1.041	-	0.5	20	107	0
2-Fluorophenol	1.064	1.167	-	-9.7	20	115	0
Aniline	1.74	1.821	-	-4.7	20	110	0
2-Chlorophenol	1.252	1.388	-	-10.9	20	116	0
Phenol-d6	1.388	1.371	-	1.2	20	102	0
Phenol	1.596	1.508	-	5.5	20	99	0
Bis(2-chloroethyl)ether	1.057	0.988	-	6.5	20	97	0
1,3-Dichlorobenzene	1.515	1.557	-	-2.8	20	109	0
1,4-Dichlorobenzene	1.562	1.571	-	-0.6	20	107	0
1,2-Dichlorobenzene	1.504	1.518	-	-0.9	20	107	0
Benzyl alcohol	1.045	0.938	-	10.2	20	92	0
Bis(2-chloroisopropyl)ethe	1.197	1.204	-	-0.6	20	106	0
2-Methylphenol	1.1	1.103	-	-0.3	20	104	0
Hexachloroethane	0.534	0.549	-	-2.8	20	108	0
n-Nitrosodi-n-propylamine	0.885	0.785	-	11.3	20	95	0
3-Methylphenol/4-Methylphe	1.183	1.198	-	-1.3	20	105	0
Nitrobenzene-d5	1.237	1.185	-	4.2	20	98	0
Nitrobenzene	1.258	1.179	-	6.3	20	96	0
Isophorone	2.374	2.101	-	11.5	20	95	0
2-Nitrophenol	0.618	0.752	-	-21.7*	20	117	0
2,4-Dimethylphenol	1.181	1.228	-	-4	20	111	0
Bis(2-chloroethoxy)methane	1.439	1.36	-	5.5	20	99	0
2,4-Dichlorophenol	1.254	1.212	-	3.3	20	100	0
1,2,4-Trichlorobenzene	1.48	1.321	-	10.7	20	96	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.064	1.064	-	0	20	106	0
Benzoic Acid	0.235	0.219	-	6.8	20	88	0
4-Chloroaniline	0.121	0.104	-	14	20	92	0
Hexachlorobutadiene	0.284	0.227	-	20.1*	20	86	0
p-Chloro-m-cresol	0.306	0.296	-	3.3	20	100	0
2-Methylnaphthalene	0.729	0.664	-	8.9	20	97	0
1-Methylnaphthalene	0.248	0.207	-	16.5	20	88	0
Hexachlorocyclopentadiene	0.288	0.261	-	9.4	20	90	0
2,4,6-Trichlorophenol	0.295	0.262	-	11.2	20	93	0
2,4,5-Trichlorophenol	0.308	0.285	-	7.5	20	94	0
2-Fluorobiphenyl	0.948	0.828	-	12.7	20	92	0
2-Chloronaphthalene	0.787	0.73	-	7.2	20	98	0
2-Nitroaniline	0.217	0.248	-	-14.3	20	110	0
1,4-Dinitrobenzene	0.096	0.106	-	-10.4	20	102	0
1,3-Dinitrobenzene	0.111	0.114	-	-2.7	20	98	0
Dimethyl phthalate	0.94	0.843	-	10.3	20	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542557	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/13/25 12:23	
Lab File ID	: ABN0713		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090054-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.178	-	2.6	20	104	0
2,6-Dinitrotoluene	0.188	0.182	-	3.2	20	97	0
1,2-Dinitrobenzene	0.07	0.114	-	-62.9*	20	160	0
IS1_Acenaphthene-d10	1	1	-	0	20	89	0
3-Nitroaniline	0.313	0.383	-	-22.4*	20	106	0
Acenaphthene	1.112	1.143	-	-2.8	20	97	0
2,4-Dinitrophenol	0.168	0.19	-	-13.1	20	94	0
Dibenzofuran	1.834	1.846	-	-0.7	20	95	0
2,4-Dinitrotoluene	0.406	0.455	-	-12.1	20	100	0
4-Nitrophenol	0.217	0.203	-	6.5	20	82	0
2,3,5,6-Tetrachlorophenol	0.461	0.419	-	9.1	20	82	0
2,3,4,6-Tetrachlorophenol	0.447	0.412	-	7.8	20	84	0
Diethyl phthalate	1.467	1.564	-	-6.6	20	101	0
Fluorene	1.465	1.46	-	0.3	20	94	0
4-Chlorophenyl phenyl ethe	0.76	0.707	-	7	20	89	0
4-Nitroaniline	0.322	0.373	-	-15.8	20	102	0
4,6-Dinitro-o-cresol	0.221	0.282	-	-27.6*	20	103	0
NDPA/DPA	1.234	1.239	-	-0.4	20	96	0
Azobenzene	1.225	1.177	-	3.9	20	90	0
2,4,6-Tribromophenol	0.287	0.283	-	1.4	20	88	0
4-Bromophenyl phenyl ether	0.541	0.492	-	9.1	20	87	0
Hexachlorobenzene	0.637	0.603	-	5.3	20	90	0
Pentachlorophenol	0.399	0.325	-	18.5	20	70	0
IS1_Phenanthrene-d10	1	1	-	0	20	84	0
Phenanthrene	1.106	1.128	-	-2	20	93	0
Anthracene	1.108	1.177	-	-6.2	20	95	0
Carbazole	1.016	1.105	-	-8.8	20	98	0
Di-n-butylphthalate	1.165	1.394	-	-19.7	20	104	0
Fluoranthene	1.381	1.43	-	-3.5	20	94	0
Benzidine	0.796	0.963	-	-21*	20	105	0
Pyrene	1.441	1.458	-	-1.2	20	91	0
4-Terphenyl-d14	1.119	1.104	-	1.3	20	90	0
Butyl benzyl phthalate	0.478	0.683	-	-42.9*	20	113	0
IS1_Chrysene-d12	1	1	-	0	20	78	0
Benzo(a)anthracene	1.344	1.391	-	-3.5	20	88	0
3,3'-Dichlorobenzidine	0.495	0.542	-	-9.5	20	87	0
Chrysene	1.249	1.242	-	0.6	20	86	0
Bis(2-ethylhexyl)phthalate	0.636	0.915	-	-43.9*	20	110	0
Di-n-octylphthalate	1.08	1.628	-	-50.7*	20	111	0
Benzo(b)fluoranthene	1.382	1.503	-	-8.8	20	94	0
Benzo(k)fluoranthene	1.303	1.375	-	-5.5	20	85	0
Benzo(a)pyrene	1.251	1.386	-	-10.8	20	92	0
IS1_Perylene-d12	1	1	-	0	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542557	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/13/25 12:23	
Lab File ID	: ABN0713		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090054-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.223	1.313	-	-7.4	20	89	0
Dibenzo(a,h)anthracene	1.158	1.218	-	-5.2	20	88	0
Benzo(ghi)perylene	1.123	1.239	-	-10.3	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: MORK	Calibration Date	: 07/14/25 12:03
Lab File ID	: ABN0714	Init. Calib. Date(s)	: 11/10/24 11/11/24
Sample No	: WG2090397-3	Init. Calib. Times	: 21:39 10:02
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
n-Nitrosodimethylamine	0.69	0.675	-	2.2	20	92	0
Pyridine	1.046	1.101	-	-5.3	20	100	0
2-Fluorophenol	1.064	1.164	-	-9.4	20	101	0
Aniline	1.74	1.853	-	-6.5	20	98	0
2-Chlorophenol	1.252	1.394	-	-11.3	20	102	0
Phenol-d6	1.388	1.379	-	0.6	20	91	0
Phenol	1.596	1.525	-	4.4	20	88	0
Bis(2-chloroethyl)ether	1.057	1	-	5.4	20	87	0
1,3-Dichlorobenzene	1.515	1.585	-	-4.6	20	98	0
1,4-Dichlorobenzene	1.562	1.576	-	-0.9	20	94	0
1,2-Dichlorobenzene	1.504	1.543	-	-2.6	20	96	0
Benzyl alcohol	1.045	0.935	-	10.5	20	81	0
Bis(2-chloroisopropyl)ethe	1.197	1.202	-	-0.4	20	94	0
2-Methylphenol	1.1	1.12	-	-1.8	20	93	0
Hexachloroethane	0.534	0.561	-	-5.1	20	97	0
n-Nitrosodi-n-propylamine	0.885	0.804	-	9.2	20	85	0
3-Methylphenol/4-Methylphe	1.183	1.205	-	-1.9	20	93	0
Nitrobenzene-d5	1.237	1.206	-	2.5	20	88	0
Nitrobenzene	1.258	1.188	-	5.6	20	85	0
Isophorone	2.374	2.092	-	11.9	20	83	0
2-Nitrophenol	0.618	0.752	-	-21.7*	20	103	0
2,4-Dimethylphenol	1.181	1.24	-	-5	20	99	0
Bis(2-chloroethoxy)methane	1.439	1.378	-	4.2	20	88	0
2,4-Dichlorophenol	1.254	1.229	-	2	20	89	0
1,2,4-Trichlorobenzene	1.48	1.314	-	11.2	20	84	0
IS1_Naphthalene-d8	1	1	-	0	20	88	0
Naphthalene	1.064	1.074	-	-0.9	20	95	0
Benzoic Acid	0.235	0.225	-	4.3	20	81	0
4-Chloroaniline	0.121	0.105	-	13.2	20	82	0
Hexachlorobutadiene	0.284	0.224	-	21.1*	20	75	0
p-Chloro-m-cresol	0.306	0.3	-	2	20	90	0
2-Methylnaphthalene	0.729	0.662	-	9.2	20	86	0
1-Methylnaphthalene	0.248	0.2	-	19.4	20	76	0
Hexachlorocyclopentadiene	0.288	0.24	-	16.7	20	74	0
2,4,6-Trichlorophenol	0.295	0.26	-	11.9	20	83	0
2,4,5-Trichlorophenol	0.308	0.296	-	3.9	20	87	0
2-Fluorobiphenyl	0.948	0.824	-	13.1	20	82	0
2-Chloronaphthalene	0.787	0.74	-	6	20	89	0
2-Nitroaniline	0.217	0.249	-	-14.7	20	99	0
1,4-Dinitrobenzene	0.096	0.109	-	-13.5	20	94	0
1,3-Dinitrobenzene	0.111	0.118	-	-6.3	20	90	0
Dimethyl phthalate	0.94	0.862	-	8.3	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542557	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/14/25 12:03	
Lab File ID	: ABN0714		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090397-3		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.202	-	0.7	20	94	0
2,6-Dinitrotoluene	0.188	0.185	-	1.6	20	88	0
1,2-Dinitrobenzene	0.07	0.118	-	-68.6*	20	147	0
IS1_Acenaphthene-d10	1	1	-	0	20	79	0
3-Nitroaniline	0.313	0.384	-	-22.7*	20	95	0
Acenaphthene	1.112	1.157	-	-4	20	88	0
2,4-Dinitrophenol	0.168	0.19	-	-13.1	20	84	0
Dibenzofuran	1.834	1.871	-	-2	20	86	0
2,4-Dinitrotoluene	0.406	0.476	-	-17.2	20	93	0
4-Nitrophenol	0.217	0.22	-	-1.4	20	80	0
2,3,5,6-Tetrachlorophenol	0.461	0.446	-	3.3	20	78	0
2,3,4,6-Tetrachlorophenol	0.447	0.432	-	3.4	20	78	0
Diethyl phthalate	1.467	1.535	-	-4.6	20	89	0
Fluorene	1.465	1.505	-	-2.7	20	87	0
4-Chlorophenyl phenyl ethe	0.76	0.697	-	8.3	20	79	0
4-Nitroaniline	0.322	0.376	-	-16.8	20	92	0
4,6-Dinitro-o-cresol	0.221	0.294	-	-33*	20	96	0
NDPA/DPA	1.234	1.257	-	-1.9	20	87	0
Azobenzene	1.225	1.183	-	3.4	20	81	0
2,4,6-Tribromophenol	0.287	0.303	-	-5.6	20	84	0
4-Bromophenyl phenyl ether	0.541	0.504	-	6.8	20	80	0
Hexachlorobenzene	0.637	0.639	-	-0.3	20	86	0
Pentachlorophenol	0.399	0.361	-	9.5	20	70	0
IS1_Phenanthrene-d10	1	1	-	0	20	77	0
Phenanthrene	1.106	1.156	-	-4.5	20	87	0
Anthracene	1.108	1.19	-	-7.4	20	88	0
Carbazole	1.016	1.137	-	-11.9	20	93	0
Di-n-butylphthalate	1.165	1.433	-	-23*	20	97	0
Fluoranthene	1.381	1.506	-	-9.1	20	91	0
Benzidine	0.796	1.022	-	-28.4*	20	102	0
Pyrene	1.441	1.548	-	-7.4	20	89	0
4-Terphenyl-d14	1.119	1.183	-	-5.7	20	88	0
Butyl benzyl phthalate	0.478	0.722	-	-51*	20	109	0
IS1_Chrysene-d12	1	1	-	0	20	79	0
Benzo(a)anthracene	1.344	1.389	-	-3.3	20	89	0
3,3'-Dichlorobenzidine	0.495	0.556	-	-12.3	20	90	0
Chrysene	1.249	1.249	-	0	20	88	0
Bis(2-ethylhexyl)phthalate	0.636	0.851	-	-33.8*	20	104	0
Di-n-octylphthalate	1.08	1.554	-	-43.9*	20	108	0
Benzo(b)fluoranthene	1.382	1.563	-	-13.1	20	98	0
Benzo(k)fluoranthene	1.303	1.35	-	-3.6	20	84	0
Benzo(a)pyrene	1.251	1.439	-	-15	20	97	0
IS1_Perylene-d12	1	1	-	0	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2542557	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: MORK		**Calibration Date**	: 07/14/25 12:03	
Lab File ID	: ABN0714		**Init. Calib. Date(s)**	: 11/10/24	11/11/24
Sample No	: WG2090397-3		**Init. Calib. Times**	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.223	1.315	-	-7.5	20	96	0
Dibenzo(a,h)anthracene	1.158	1.231	-	-6.3	20	95	0
Benzo(ghi)perylene	1.123	1.253	-	-11.6	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542557	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: MORK		Calibration Date	: 07/14/25 12:26	
Lab File ID	: AP90714		Init. Calib. Date(s)	: 11/10/24	11/11/24
Sample No	: WG2090397-4		Init. Calib. Times	: 21:39	10:02
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	120	0
Benzaldehyde	0.995	0.809	-	18.7	20	99	0
Acetophenone	1.764	1.646	-	6.7	20	112	0
m-Toluidine	1.655	1.429	-	13.7	20	101	0
2-Chloroaniline	1.559	1.637	-	-5	20	126	0
IS2_Naphthalene-d8	1	1	-	0	20	122	0
a-Terpineol	0.211	0.211	-	0	20	123	0
3-Chloroaniline	0.133	0.101	-	24.1*	20	97	0
2,6-Dichlorophenol	0.324	0.3	-	7.4	20	111	0
1-chloro-2-nitrobenzene	0.139	0.132	-	5	20	116	0
Caprolactam	0.11	0.111	-	-0.9	20	114	0
1,2,4,5-Tetrachlorobenzene	0.474	0.373	-	21.3*	20	99	0
Biphenyl	0.944	0.803	-	14.9	20	106	0
IS2_Acenaphthene-d10	1	1	-	0	20	108	0
Dichloran	0.191	0.22	-	-15.2	20	111	0
Pentachloronitrobenzene	0.216	0.19	-	12	20	87	0
IS2_Phenanthrene-d10	1	1	-	0	20	99	0
Diphenamid	0.494	0.54	-	-9.3	20	106	0

* Value outside of QC limits.

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target pesticides as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample 25SB-8 (1-3) was below QC limits, but not below 10% on one column. No action is taken on one surrogate recovery outside QC limits on one column, provided the recovery is not less than 10%.

Two of two surrogate recoveries for sample 25SB-7 (12-13) were below QC limits, but not below 10% on one column. The "not detected" results for sample 25SB-7 (12-13) should be considered estimated (UJ).

One of two surrogate recoveries for sample 25SB-8 (11-12) was below QC limits and below 10% on one column. The "not detected" results for sample 25SB-8 (11-12) should be considered rejected, unusable (R).

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2089268-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %Ds for target pesticides were below the allowable maximum (20%) for both channels, as required.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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Pesticide Identification Summary for Single Component Analytes: The checked surrogate results were within GC quantitation limits. The analyses of soil samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

Surrogate Recovery Summary
Form 2
Pesticides

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542557
Project Number: 25030019
Matrix: Soil

GC Column 1: CLPPesticides
GC Column 2: CLPPesticidesII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
25SB-7 (0-2) (L2542557-01)	70	69	66	71			0
25SB-7 (12-13) (L2542557-02)	11*	71	10*	140			2
25SB-8 (1-3) (L2542557-03)	34	66	28*	67			1
25SB-8 (11-12) (L2542557-04)	32	73	2*	70			1
WG2089268-1BLANK	78	73	66	64			0
WG2089268-2LCS	82	76	73	68			0
WG2089268-3LCSD	82	77	69	68			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

* Values outside of QC limits

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2089324-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target aroclors as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: The analysis of the method blank reported target PFAS as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples WG2091045-2/3.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2089194-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %D for 2,4,5-T was above the allowable maximum (15%) for channel B 07-13-25 (15250713a-26). Positive results for 2,4,5-T should be considered estimated (J) in associated samples.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target herbicides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/13/25 18:26
Lab File ID	: 15250713a-26	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2090030-3	Init. Calib. Times	: 18:15 19:52
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	108	0
Dalapon	0.182	0.196	-	-7.7	15	117	0
DCAA (surrogate)	0.194	0.185	-	4.6	15	105	0
Dicamba	0.605	0.591	-	2.3	15	108	0
MCPP	0.00069	0.00061	-	11.6	15	98	0
MCPA	0.00119	0.00107	-	10.1	15	99	0
Dichloroprop	0.19	0.177	-	6.8	15	102	0
2,4-D	0.235	0.217	-	7.7	15	103	0
2,4,5-TP (Silvex)	0.854	0.809	-	5.3	15	104	0
2,4,5-T	0.821	0.68	-	17.2*	15	92	0
2,4-DB	0.13	0.102	-	21.5*	15	89	0
Dinoseb	0.424	0.466	-	-9.9	15	122	0

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2542557

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for arsenic, manganese, potassium, and sodium were above control limits (75-125%) for soil batch spike sample L2543304-01. Positive results for arsenic, manganese, potassium, and sodium should be considered estimated, biased high (J+) in associated soil samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil batch duplicate sample WG2091296-4, as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG2091296-2 and WG2091306-2.

Serial Dilution: The %Ds for applicable metals were below the allowable maximum (15%) for soil batch serial dilution sample L2543304-01, as required.

Percent Solids: The % solids for soil samples were above 50%.

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Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2542557
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: NA	Matrix	: SOLID
Lab Sample ID	: L2543304-01		
Matrix Spike	: WG2091296-3	MS Analysis Date	: 07/17/25 10:22
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	566	163	764	121					75-125	20
Antimony, Total	ND	40.8	42.0	103					75-125	20
Arsenic, Total	2.58J	9.78	12.8	131 Q					75-125	20
Barium, Total	5.62	163	181	108					75-125	20
Beryllium, Total	ND	4.08	4.42	108					75-125	20
Cadmium, Total	ND	4.32	3.91J	90					75-125	20
Calcium, Total	196000	815	200000	NA					75-125	20
Chromium, Total	3.68J	16.3	19.3	118					75-125	20
Cobalt, Total	2.01J	40.8	44.2	108					75-125	20
Copper, Total	7.00	20.4	26.3	95					75-125	20
Iron, Total	9400	81.5	7030	NA					75-125	20
Lead, Total	2.40J	43.2	47.0	109					75-125	20
Magnesium, Total	120000	815	122000	NA					75-125	20
Manganese, Total	150	40.8	203	130 Q					75-125	20
Nickel, Total	5.71J	40.8	45.8	112					75-125	20
Potassium, Total	467J	815	1460	179 Q					75-125	20
Selenium, Total	ND	9.78	9.67	99					75-125	20
Silver, Total	ND	4.08	4.30	106					75-125	20
Sodium, Total	ND	815	1170	144 Q					75-125	20
Thallium, Total	ND	9.78	9.86	101					75-125	20
Vanadium, Total	6.92	40.8	49.8	105					75-125	20
Zinc, Total	6.83J	40.8	47.8	117					75-125	20

NA - Sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.

L2542924

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2542924

1 Soil Sample
Collected July 9, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of PFAS analysis for 1 soil sample.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some minor issues that are identified in the accompanying data validation review. The data were not qualified either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

(No Data Qualified)

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542924
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542924-01	Date Collected	: 07/09/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/24/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/24/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250724_68	Analyst	: ANH
Sample Amount	: 8.39 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 60
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.798	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.200	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542924
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542924-01	Date Collected	: 07/09/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/24/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/24/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250724_68	Analyst	: ANH
Sample Amount	: 8.39 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 60
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.121	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2542924
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542924-01	Date Collected	: 07/09/25 08:15
Client ID	: 25SB-5 (0-2)	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/24/25 19:10
Sample Matrix	: SOIL	Date Extracted	: 07/24/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI12_250724_68	Analyst	: ANH
Sample Amount	: 8.39 g	Instrument ID	: LCMS12
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: 60
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2542924

1 Soil Sample
Collected July 9, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: Sample 25SB-5 (0-2) was analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: The analysis of the method blank reported target PFAS as not detected.

Surrogate Recovery: One of twenty-four surrogate recoveries for sample 25SB-5 (0-2) was above QC limits. Positive results associated with this surrogate above QC limits should be considered estimated (J) in the sample.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample 25SB-5 (0-2).

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples WG2094399-2/3.

Compound ID: Checked surrogate results were within LC quantitation limits. The analysis of sample 25SB-5 (0-2) reported target PFAS as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542924
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
25SB-5 (0-2) (L2542924-01)	105	96	92	95	95	97	91
WG2094399-1BLANK	97	96	91	93	100	101	91
WG2094399-2LCS	96	89	87	86	91	85	85
WG2094399-3LCS	105	108	95	98	107	108	101
25SB-5 (0-2)MS	91	87	87	81	88	98	84
25SB-5 (0-2)MSD	102	93	95	95	101	102	94

QC LIMITS

(8-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(35-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(40-165) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
(40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542924
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
25SB-5 (0-2) (L2542924-01)	96	107	96	95	87	100	130
WG2094399-1BLANK	98	109	98	99	99	109	144*
WG2094399-2LCS	95	92	98	89	88	82	115
WG2094399-3LCS	106	104	104	104	105	105	134
25SB-5 (0-2)MS	85	89	93	84	106	90	112
25SB-5 (0-2)MSD	101	105	100	95	98	105	137*

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
(40-215) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(40-275) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(40-135) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

*** Values outside of QC limits**

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542924
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
25SB-5 (0-2) (L2542924-01)	85	106	98	69	135*	99	85
WG2094399-1BLANK	94	120	119	86	119	94	82
WG2094399-2LCS	83	113	89	82	120	91	87
WG2094399-3LCS	96	139*	101	94	136*	106	96
25SB-5 (0-2)MS	111	89	85	81	136*	88	77
25SB-5 (0-2)MSD	85	105	102	73	119	97	91

QC LIMITS
(40-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
(40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(40-150) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(40-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(20-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
(40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
(10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2542924
Project Number: 25030019
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
25SB-5 (0-2) (L2542924-01)	84	112	115	--	--	--	--	1
WG2094399-1BLANK	83	118	113	--	--	--	--	1
WG2094399-2LCS	84	107	109	--	--	--	--	0
WG2094399-3LCS	90	142*	144*	--	--	--	--	4
25SB-5 (0-2)MS	76	92	92	--	--	--	--	1
25SB-5 (0-2)MSD	90	115	117	--	--	--	--	1

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSA)
(20-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(15-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

*** Values outside of QC limits**

FORM II A2-NY-1633 (Continued)

L2545792

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2545792

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of TCLP lead analyses for 4 soil samples.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some minor issues that are identified in the accompanying data validation review. The data were not qualified either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Qualified Data Section

(No Data Qualified)

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TCLP Lead Data for
Pace Analytical Services
SDG Number: L2545792

4 Soil Samples
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were prepared and analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for lead were within control limits (90-110%).

Blanks: The analyses of initial and continuing calibration and method blanks reported lead as not detected.

Spike Sample Recovery: The percent recovery for lead was within control limits (75-125%) for batch TCLP spike sample L2545590-01.

Laboratory Duplicates: The analysis of batch TCLP duplicate sample WG2095937-4.

Laboratory Control Sample: The percent recovery for lead was within control limits for TCLP sample WG2095937-2.

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L2542672

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG: No: L2542672

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contained the results of TO15 volatile analyses for 1 soil vapor sample.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The volatile result for tertiary butyl alcohol (TBA) in sample 25 SV-4 was quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for TBA marked "E" in the undiluted sample was qualified as estimated (J).

- The positive volatile results for the following 10 compounds were qualified as estimated (J) for samples 25 SV-2 and 25 DUP-1 because the relative percent differences for these 10 compounds were above the allowable maximum for the soil vapor/air field duplicate pair 25 SV-2/25 DUP-1.

1,3-butadiene	acetone	isopropanol	tertiary butyl alcohol
carbon disulfide	2-butanone	benzene	cyclohexane
2-hexanone	tetrachloroethene		

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	4.35	--	ND	21.5	--	U
74-87-3	Chloromethane	ND	4.35	--	ND	8.98	--	U
76-14-2	Freon-114	ND	4.35	--	ND	30.4	--	U
75-01-4	Vinyl chloride	ND	4.35	--	ND	11.1	--	U
106-99-0	1,3-Butadiene	ND	4.35	--	ND	9.62	--	U
74-83-9	Bromomethane	ND	4.35	--	ND	16.9	--	U
75-00-3	Chloroethane	ND	4.35	--	ND	11.5	--	U
64-17-5	Ethanol	ND	109	--	ND	205	--	U
593-60-2	Vinyl bromide	ND	4.35	--	ND	19.0	--	U
67-64-1	Acetone	ND	21.8	--	ND	51.8	--	U
75-69-4	Trichlorofluoromethane	ND	4.35	--	ND	24.4	--	U
67-63-0	Isopropanol	ND	21.8	--	ND	53.6	--	U
75-35-4	1,1-Dichloroethene	ND	4.35	--	ND	17.2	--	U
75-65-0	Tertiary butyl Alcohol	13.3	10.9	--	40.3	33.0	--	
75-09-2	Methylene chloride	ND	10.9	--	ND	37.9	--	U
107-05-1	3-Chloropropene	ND	4.35	--	ND	13.6	--	U
75-15-0	Carbon disulfide	7.66	4.35	--	23.9	13.5	--	
76-13-1	Freon-113	ND	4.35	--	ND	33.3	--	U
156-60-5	trans-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--	U
75-34-3	1,1-Dichloroethane	ND	4.35	--	ND	17.6	--	U
1634-04-4	Methyl tert butyl ether	ND	4.35	--	ND	15.7	--	U
78-93-3	2-Butanone	ND	10.9	--	ND	32.1	--	U
156-59-2	cis-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--	U
141-78-6	Ethyl Acetate	ND	10.9	--	ND	39.3	--	U
67-66-3	Chloroform	ND	4.35	--	ND	21.2	--	U
109-99-9	Tetrahydrofuran	ND	10.9	--	ND	32.1	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	4.35	--	ND	17.6	--	U
110-54-3	n-Hexane	45.8	4.35	--	161	15.3	--	
71-55-6	1,1,1-Trichloroethane	ND	4.35	--	ND	23.7	--	U
71-43-2	Benzene	ND	4.35	--	ND	13.9	--	U
56-23-5	Carbon tetrachloride	ND	4.35	--	ND	27.4	--	U
110-82-7	Cyclohexane	47.5	4.35	--	164	15.0	--	
78-87-5	1,2-Dichloropropane	ND	4.35	--	ND	20.1	--	U
75-27-4	Bromodichloromethane	ND	4.35	--	ND	29.1	--	U
123-91-1	1,4-Dioxane	ND	4.35	--	ND	15.7	--	U
79-01-6	Trichloroethene	ND	4.35	--	ND	23.4	--	U
540-84-1	2,2,4-Trimethylpentane	964	4.35	--	4500	20.3	--	
142-82-5	Heptane	5.72	4.35	--	23.4	17.8	--	
10061-01-5	cis-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--	U
108-10-1	4-Methyl-2-pentanone	24.0	10.9	--	98.4	44.7	--	
10061-02-6	trans-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--	U
79-00-5	1,1,2-Trichloroethane	ND	4.35	--	ND	23.7	--	U
108-88-3	Toluene	6.44	4.35	--	24.3	16.4	--	
591-78-6	2-Hexanone	ND	4.35	--	ND	17.8	--	U
124-48-1	Dibromochloromethane	ND	4.35	--	ND	37.1	--	U
106-93-4	1,2-Dibromoethane	ND	4.35	--	ND	33.4	--	U
127-18-4	Tetrachloroethene	ND	4.35	--	ND	29.5	--	U
108-90-7	Chlorobenzene	ND	4.35	--	ND	20.0	--	U
100-41-4	Ethylbenzene	ND	4.35	--	ND	18.9	--	U
179601-23-1	p/m-Xylene	11.7	8.70	--	50.8	37.8	--	
75-25-2	Bromoform	ND	4.35	--	ND	45.0	--	U
100-42-5	Styrene	ND	4.35	--	ND	18.5	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.35	--	ND	29.9	--	U
95-47-6	o-Xylene	5.18	4.35	--	22.5	18.9	--	
622-96-8	4-Ethyltoluene	ND	4.35	--	ND	21.4	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	4.35	--	ND	21.4	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	4.35	--	ND	21.4	--	U
100-44-7	Benzyl chloride	ND	4.35	--	ND	22.5	--	U
541-73-1	1,3-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
106-46-7	1,4-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
95-50-1	1,2-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.35	--	ND	32.3	--	U
91-20-3	Naphthalene	ND	4.13	--	ND	21.7	--	U
87-68-3	Hexachlorobutadiene	ND	4.35	--	ND	46.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.448	0.400	--	2.22	1.98	--	
74-87-3	Chloromethane	ND	0.400	--	ND	0.826	--	U
76-14-2	Freon-114	ND	0.400	--	ND	2.80	--	U
75-01-4	Vinyl chloride	ND	0.400	--	ND	1.02	--	U
106-99-0	1,3-Butadiene	2.48	0.400	--	5.49	0.885	--	J
74-83-9	Bromomethane	ND	0.400	--	ND	1.55	--	U
75-00-3	Chloroethane	ND	0.400	--	ND	1.06	--	U
64-17-5	Ethanol	ND	10.0	--	ND	18.8	--	U
593-60-2	Vinyl bromide	ND	0.400	--	ND	1.75	--	U
67-64-1	Acetone	45.2	2.00	--	107	4.75	--	J
75-69-4	Trichlorofluoromethane	ND	0.400	--	ND	2.25	--	U
67-63-0	Isopropanol	2.23	2.00	--	5.48	4.92	--	J
75-35-4	1,1-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-65-0	Tertiary butyl Alcohol	25.9	1.00	--	78.5	3.03	--	J
75-09-2	Methylene chloride	ND	1.00	--	ND	3.47	--	U
107-05-1	3-Chloropropene	ND	0.400	--	ND	1.25	--	U
75-15-0	Carbon disulfide	124	0.400	--	386	1.25	--	J
76-13-1	Freon-113	ND	0.400	--	ND	3.07	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-34-3	1,1-Dichloroethane	ND	0.400	--	ND	1.62	--	U
1634-04-4	Methyl tert butyl ether	ND	0.400	--	ND	1.44	--	U
78-93-3	2-Butanone	5.07	1.00	--	15.0	2.95	--	J
156-59-2	cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
141-78-6	Ethyl Acetate	ND	1.00	--	ND	3.60	--	U
67-66-3	Chloroform	ND	0.400	--	ND	1.95	--	U
109-99-9	Tetrahydrofuran	ND	1.00	--	ND	2.95	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.400	--	ND	1.62	--	U
110-54-3	n-Hexane	3.25	0.400	--	11.5	1.41	--	
71-55-6	1,1,1-Trichloroethane	4.28	0.400	--	23.4	2.18	--	
71-43-2	Benzene	6.35	0.400	--	20.3	1.28	--	J
56-23-5	Carbon tetrachloride	ND	0.400	--	ND	2.52	--	U
110-82-7	Cyclohexane	0.930	0.400	--	3.20	1.38	--	J
78-87-5	1,2-Dichloropropane	ND	0.400	--	ND	1.85	--	U
75-27-4	Bromodichloromethane	ND	0.400	--	ND	2.68	--	U
123-91-1	1,4-Dioxane	ND	0.400	--	ND	1.44	--	U
79-01-6	Trichloroethene	ND	0.400	--	ND	2.15	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--	U
142-82-5	Heptane	2.36	0.400	--	9.67	1.64	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--	U
108-88-3	Toluene	6.20	0.400	--	23.4	1.51	--	
591-78-6	2-Hexanone	0.816	0.400	--	3.34	1.64	--	J
124-48-1	Dibromochloromethane	ND	0.400	--	ND	3.41	--	U
106-93-4	1,2-Dibromoethane	ND	0.400	--	ND	3.07	--	U
127-18-4	Tetrachloroethene	6.90	0.400	--	46.8	2.71	--	J
108-90-7	Chlorobenzene	ND	0.400	--	ND	1.84	--	U
100-41-4	Ethylbenzene	1.42	0.400	--	6.17	1.74	--	
179601-23-1	p/m-Xylene	4.51	0.800	--	19.6	3.47	--	
75-25-2	Bromoform	ND	0.400	--	ND	4.14	--	U
100-42-5	Styrene	ND	0.400	--	ND	1.70	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--	U
95-47-6	o-Xylene	2.20	0.400	--	9.56	1.74	--	
622-96-8	4-Ethyltoluene	0.504	0.400	--	2.48	1.97	--	
108-67-8	1,3,5-Trimethylbenzene	0.904	0.400	--	4.44	1.97	--	
95-63-6	1,2,4-Trimethylbenzene	3.01	0.400	--	14.8	1.97	--	
100-44-7	Benzyl chloride	ND	0.400	--	ND	2.07	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--	U
91-20-3	Naphthalene	0.702	0.380	--	3.68	1.99	--	
87-68-3	Hexachlorobutadiene	ND	0.400	--	ND	4.27	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.212	0.200	--	1.05	0.989	--	
74-87-3	Chloromethane	0.222	0.200	--	0.458	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	11.2	5.00	--	21.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	239	1.00	--	568	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	2.93	1.00	--	7.20	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	89.6	0.500	--	272	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	6.73	0.200	--	21.0	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	15.2	0.500	--	44.8	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	7.24	0.200	--	25.5	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	17.6	0.200	--	56.2	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	2.57	0.200	--	8.85	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	3.45	0.200	--	14.1	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	9.81	0.200	--	37.0	0.754	--	
591-78-6	2-Hexanone	2.28	0.200	--	9.34	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	4.98	0.200	--	21.6	0.869	--	
179601-23-1	p/m-Xylene	6.02	0.400	--	26.1	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	3.20	0.200	--	13.9	0.869	--	
622-96-8	4-Ethyltoluene	0.536	0.200	--	2.64	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.357	0.200	--	1.76	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	0.672	0.200	--	3.30	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
75-71-8	Dichlorodifluoromethane	0.483	0.200	--	2.39	0.989	--		
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U	
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U	
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U	
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U	
64-17-5	Ethanol	12.6	5.00	--	23.7	9.42	--		
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U	
67-64-1	Acetone	266	1.00	--	632	2.38	--		
75-69-4	Trichlorofluoromethane	0.335	0.200	--	1.88	1.12	--		
67-63-0	Isopropanol	3.01	1.00	--	7.40	2.46	--		
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
75-65-0	Tertiary butyl Alcohol	104	0.500	--	315	1.52	--	E	J
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U	
75-15-0	Carbon disulfide	0.229	0.200	--	0.713	0.623	--		
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U	
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U	
78-93-3	2-Butanone	11.8	0.500	--	34.8	1.47	--		
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U	
67-66-3	Chloroform	0.543	0.200	--	2.65	0.977	--		
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.394	0.200	--	1.39	0.705	--	
71-55-6	1,1,1-Trichloroethane	0.231	0.200	--	1.26	1.09	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.759	0.200	--	3.11	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.446	0.200	--	1.68	0.754	--	
591-78-6	2-Hexanone	2.42	0.200	--	9.92	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	1.15	0.200	--	7.80	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.440	0.200	--	1.91	0.869	--	
179601-23-1	p/m-Xylene	2.12	0.400	--	9.21	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.20	0.200	--	5.21	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	0.265	0.200	--	1.30	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	0.588	0.200	--	2.89	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04D	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 08:39
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.5
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243369	Instrument ID	: AIRLAB24
Sample Amount	: 100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-65-0	Tertiary butyl Alcohol	109	1.25	--	330	3.79	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.438	0.200	--	2.17	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	0.271	0.200	--	0.600	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	5.51	5.00	--	10.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	67.6	1.00	--	161	2.38	--	
75-69-4	Trichlorofluoromethane	0.264	0.200	--	1.48	1.12	--	
67-63-0	Isopropanol	6.91	1.00	--	17.0	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	15.8	0.500	--	47.9	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.658	0.200	--	2.05	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	10.7	0.500	--	31.6	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.235	0.200	--	1.15	0.977	--	
109-99-9	Tetrahydrofuran	0.578	0.500	--	1.70	1.47	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	9.17	0.200	--	32.3	0.705	--	
71-55-6	1,1,1-Trichloroethane	5.70	0.200	--	31.1	1.09	--	
71-43-2	Benzene	0.764	0.200	--	2.44	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.411	0.200	--	1.41	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	3.98	0.200	--	16.3	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	0.775	0.500	--	3.18	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.90	0.200	--	10.9	0.754	--	
591-78-6	2-Hexanone	1.57	0.200	--	6.43	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	4.08	0.200	--	27.7	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.02	0.200	--	4.43	0.869	--	
179601-23-1	p/m-Xylene	4.03	0.400	--	17.5	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.241	0.200	--	1.03	0.852	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.93	0.200	--	8.38	0.869	--	
622-96-8	4-Ethyltoluene	0.440	0.200	--	2.16	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.641	0.200	--	3.15	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	2.52	0.200	--	12.4	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.803	0.190	--	4.21	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--	
74-87-3	Chloromethane	0.694	0.200	--	1.43	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	0.247	0.200	--	0.546	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	19.8	5.00	--	37.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.7	1.00	--	30.2	2.38	--	
75-69-4	Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	2.36	1.00	--	5.80	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.96	0.500	--	5.78	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.11	0.200	--	3.91	0.705	--	
71-43-2	Benzene	1.42	0.200	--	4.54	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.328	0.200	--	1.13	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.877	0.200	--	4.10	0.934	--	
142-82-5	Heptane	0.420	0.200	--	1.72	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	5.22	0.200	--	19.7	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.386	0.200	--	1.68	0.869	--	
179601-23-1	p/m-Xylene	1.24	0.400	--	5.39	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.513	0.200	--	2.23	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.365	0.200	--	1.79	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.313	0.190	--	1.64	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--	
74-87-3	Chloromethane	0.403	0.200	--	0.832	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	3.56	0.200	--	7.88	0.442	--	J
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	7.16	5.00	--	13.5	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	77.4	1.00	--	184	2.38	--	J
75-69-4	Trichlorofluoromethane	0.263	0.200	--	1.48	1.12	--	
67-63-0	Isopropanol	10.5	1.00	--	25.8	2.46	--	J
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	48.4	0.500	--	147	1.52	--	J
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	2.90	0.200	--	9.03	0.623	--	J
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	8.22	0.500	--	24.2	1.47	--	J
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.434	0.200	--	2.12	0.977	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.54	0.200	--	12.5	0.705	--	
71-55-6	1,1,1-Trichloroethane	5.08	0.200	--	27.7	1.09	--	
71-43-2	Benzene	2.40	0.200	--	7.67	0.639	--	J
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	1.71	0.200	--	5.89	0.688	--	J
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	1.18	0.200	--	5.51	0.934	--	
142-82-5	Heptane	2.57	0.200	--	10.5	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	0.604	0.500	--	2.48	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	5.35	0.200	--	20.2	0.754	--	
591-78-6	2-Hexanone	1.30	0.200	--	5.33	0.820	--	J
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	2.10	0.200	--	14.2	1.36	--	J
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.37	0.200	--	5.95	0.869	--	
179601-23-1	p/m-Xylene	4.80	0.400	--	20.8	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.320	0.200	--	1.36	0.852	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.05	0.200	--	8.90	0.869	--	
622-96-8	4-Ethyltoluene	0.490	0.200	--	2.41	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.876	0.200	--	4.31	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	2.95	0.200	--	14.5	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.764	0.190	--	4.01	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--	
79-01-6	Trichloroethene	0.036	0.020	--	0.193	0.107	--	
127-18-4	Tetrachloroethene	0.110	0.020	--	0.746	0.136	--	

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO15 Volatiles Data
for Pace Analytical Services, SDG: No: L2542672

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected July 8, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within the EPA recommended holding times.

Cannister Pressure: The laboratory reported residual vacuums (negative pressure) in the samples, as required.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for 1,2,4-trichlorobenzenewas was above the allowable maximum (30%)on 07-21-25 (R243349). Positive results for 1,2,4-trichlorobenzene should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for soil vapor/air samples WG2093729-3 WG2093731-3.

The %R for 1,2,4-trichlorobenzenewas was above QC limits for soil vapor/air sample WG2093236-3. Positive results for 1,2,4-trichlorobenzene should be considered estimated, biased high (J+) in associated soil vapor/air samples.

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Laboratory Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (25%) for soil vapor/air duplicate samples 25 SS-1 and 25 AI-1, as required.

Field Duplicates: The relative percent differences for 10 compounds were above the allowable maximum (25%) for soil vapor/air field duplicate pair 25 SV-2/25 DUP-1 (attached table). Positive results for these 10 compounds should be considered estimated (J) in samples 25 SV-2 and 25 DUP-1.

Compound ID: Checked compound results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for tertiary butyl alcohol (TBA) in sample 25 SV-4 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for TBA is recommended for sample 25 SV-4. It is recommended that the undiluted results be used for all other compounds.

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3 **Analysis Date** : 07/21/25 15:17	**File ID**	: R243349
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.9	109				-	70-130	-
Chloromethane	10	9.89	99				-	70-130	-
Freon-114	10	11.8	118				-	70-130	-
Vinyl chloride	10	10.8	108				-	70-130	-
1,3-Butadiene	10	11.0	110				-	70-130	-
Bromomethane	10	10.9	109				-	70-130	-
Chloroethane	10	11.0	110				-	70-130	-
Ethanol	50	44.0	88				-	40-160	-
Vinyl bromide	10	11.5	115				-	70-130	-
Acetone	50	50.5	101				-	40-160	-
Trichlorofluoromethane	10	10.6	106				-	70-130	-
Isopropanol	25	24.6	98				-	40-160	-
1,1-Dichloroethene	10	11.2	112				-	70-130	-
Tertiary butyl Alcohol	10	9.67	97				-	70-130	-
Methylene chloride	10	10.4	104				-	70-130	-
3-Chloropropene	10	10.8	108				-	70-130	-
Carbon disulfide	10	11.3	113				-	70-130	-
Freon-113	10	10.8	108				-	70-130	-
trans-1,2-Dichloroethene	10	11.7	117				-	70-130	-
1,1-Dichloroethane	10	10.8	108				-	70-130	-
Methyl tert butyl ether	10	11.6	116				-	70-130	-
2-Butanone	10	9.94	99				-	70-130	-
cis-1,2-Dichloroethene	10	11.2	112				-	70-130	-
Ethyl Acetate	10	10.1	101				-	70-130	-
Chloroform	10	10.7	107				-	70-130	-
Tetrahydrofuran	10	12.6	126				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3 **Analysis Date** : 07/21/25 15:17	**File ID**	: R243349
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	10.5	105				-	70-130	-
n-Hexane	10	12.0	120				-	70-130	-
1,1,1-Trichloroethane	10	10.4	104				-	70-130	-
Benzene	10	10.6	106				-	70-130	-
Carbon tetrachloride	10	10.6	106				-	70-130	-
Cyclohexane	10	11.2	112				-	70-130	-
1,2-Dichloropropane	10	10.7	107				-	70-130	-
Bromodichloromethane	10	11.5	115				-	70-130	-
1,4-Dioxane	10	12.3	123				-	70-130	-
Trichloroethene	10	10.8	108				-	70-130	-
2,2,4-Trimethylpentane	10	11.8	118				-	70-130	-
Heptane	10	11.5	115				-	70-130	-
cis-1,3-Dichloropropene	10	12.0	120				-	70-130	-
4-Methyl-2-pentanone	10	11.5	115				-	70-130	-
trans-1,3-Dichloropropene	10	12.9	129				-	70-130	-
1,1,2-Trichloroethane	10	10.9	109				-	70-130	-
Toluene	10	11.2	112				-	70-130	-
2-Hexanone	10	11.9	119				-	70-130	-
Dibromochloromethane	10	12.1	121				-	70-130	-
1,2-Dibromoethane	10	11.7	117				-	70-130	-
Tetrachloroethene	10	10.8	108				-	70-130	-
Chlorobenzene	10	11.0	110				-	70-130	-
Ethylbenzene	10	11.3	113				-	70-130	-
p/m-Xylene	20	23.0	115				-	70-130	-
Bromoform	10	12.3	123				-	70-130	-
Styrene	10	11.9	119				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3	**Analysis Date** : 07/21/25 15:17	**File ID** : R243349
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	12.0	120				-	70-130	-
o-Xylene	10	11.8	118				-	70-130	-
4-Ethyltoluene	10	12.6	126				-	70-130	-
1,3,5-Trimethylbenzene	10	11.4	114				-	70-130	-
1,2,4-Trimethylbenzene	10	12.9	129				-	70-130	-
Benzyl chloride	10	11.2	112				-	70-130	-
1,3-Dichlorobenzene	10	12.1	121				-	70-130	-
1,4-Dichlorobenzene	10	12.6	126				-	70-130	-
1,2-Dichlorobenzene	10	12.2	122				-	70-130	-
1,2,4-Trichlorobenzene	10	14.9	149 Q				-	70-130	-
Naphthalene	10	12.6	126				-	70-130	-
Hexachlorobutadiene	10	12.2	122				-	70-130	-

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	111	0
chlorodifluoromethane	0.919	1.075	-	-17	30	125	0
propylene	0.576	0.594	-	-3.1	30	129	0
propane	0.376	0.367	-	2.4	30	113	0
dichlorodifluoromethane	1.826	1.992	-	-9.1	30	120	0
chloromethane	0.398	0.394	-	1	30	111	0
Freon-114	1.287	1.525	-	-18.5	30	125	0
methanol	0.089	0.074	-	16.9	30	93	0
vinyl chloride	0.447	0.482	-	-7.8	30	119	0
1,3-butadiene	0.282	0.309	-	-9.6	30	129	0
butane	0.516	0.503	-	2.5	30	118	0
bromomethane	0.488	0.534	-	-9.4	30	129	0
chloroethane	0.204	0.225	-	-10.3	30	124	0
ethanol	0.196	0.173	-	11.7	30	97	0
dichlorofluoromethane	0.971	0.922	-	5	30	112	0
vinyl bromide	0.656	0.752	-	-14.6	30	138	0
acrolein	0.314	0.275	-	12.4	30	106	0
acetone	0.842	0.85	-	-1	30	120	0
acetonitrile	0.567	0.494	-	12.9	30	111	0
trichlorofluoromethane	1.815	1.916	-	-5.6	30	118	0
isopropyl alcohol	1.015	0.998	-	1.7	30	120	0
acrylonitrile	0.572	0.58	-	-1.4	30	122	0
pentane	1.127	1.157	-	-2.7	30	114	0
ethyl ether	0.535	0.513	-	4.1	30	106	0
1,1-dichloroethene	1.404	1.567	-	-11.6	30	124	0
tertiary butyl alcohol	1.849	1.787	-	3.4	30	115	0
methylene chloride	1.008	1.05	-	-4.2	30	119	0
3-chloropropene	1.021	1.108	-	-8.5	30	131	0
carbon disulfide	2.444	2.768	-	-13.3	30	132	0
Freon 113	2.048	2.209	-	-7.9	30	122	0
trans-1,2-dichloroethene	0.95	1.112	-	-17.1	30	134	0
1,1-dichloroethane	1.355	1.468	-	-8.3	30	120	0
MTBE	1.764	2.056	-	-16.6	30	134	0
vinyl acetate	1.398	0.988	-	29.3	30	91	0
2-butanone	1.348	1.34	-	0.6	30	129	0
cis-1,2-dichloroethene	1.017	1.143	-	-12.4	30	125	0
Ethyl Acetate	0.25	0.252	-	-0.8	30	128	0
chloroform	1.609	1.722	-	-7	30	119	0
Tetrahydrofuran	0.653	0.82	-	-25.6	30	142	0
2,2-dichloropropane	1.235	1.272	-	-3	30	121	0
1,2-dichloroethane	0.947	0.997	-	-5.3	30	119	0
1,4-difluorobenzene	1	1	-	0	30	114	0
hexane	0.3	0.361	-	-20.3	30	133	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.203	0.203	-	0	30	124	0
tert-butyl ethyl ether	0.658	0.704	-	-7	30	120	0
1,1,1-trichloroethane	0.513	0.531	-	-3.5	30	116	0
1,1-dichloropropene	0.379	0.435	-	-14.8	30	126	0
benzene	0.786	0.831	-	-5.7	30	120	0
carbon tetrachloride	0.527	0.56	-	-6.3	30	116	0
cyclohexane	0.337	0.379	-	-12.5	30	122	0
tert-amyl methyl ether	0.659	0.713	-	-8.2	30	126	0
dibromomethane	0.299	0.308	-	-3	30	117	0
1,2-dichloropropane	0.275	0.294	-	-6.9	30	120	.02
bromodichloromethane	0.506	0.584	-	-15.4	30	133	0
1,4-dioxane	0.139	0.172	-	-23.7	30	143	0
trichloroethene	0.371	0.402	-	-8.4	30	122	.02
2,2,4-trimethylpentane	0.975	1.147	-	-17.6	30	134	.02
methyl methacrylate	0.266	0.269	-	-1.1	30	116	0
heptane	0.343	0.395	-	-15.2	30	133	.02
cis-1,3-dichloropropene	0.408	0.488	-	-19.6	30	130	.01
4-methyl-2-pentanone	0.448	0.513	-	-14.5	30	129	0
trans-1,3-dichloropropene	0.323	0.417	-	-29.1	30	143	0
1,1,2-trichloroethane	0.341	0.374	-	-9.7	30	125	0
chlorobenzene-D5	1	1	-	0	30	110	0
toluene	6.147	6.875	-	-11.8	30	121	.01
1,3-dichloropropane	2.697	2.84	-	-5.3	30	119	.01
2-hexanone	2.691	3.197	-	-18.8	30	130	0
dibromochloromethane	3.693	4.485	-	-21.4	30	134	0
1,2-dibromoethane	3.435	4.006	-	-16.6	30	124	0
butyl acetate	0.694	0.712	-	-2.6	30	122	0
octane	1.693	1.863	-	-10	30	120	.01
tetrachloroethene	3.454	3.75	-	-8.6	30	117	0
1,1,1,2-tetrachloroethane	2.82	2.957	-	-4.9	30	115	0
chlorobenzene	5.376	5.941	-	-10.5	30	120	0
ethylbenzene	8.589	9.676	-	-12.7	30	120	0
m+p-xylene	6.463	7.45	-	-15.3	30	120	0
bromoform	4.044	4.986	-	-23.3	30	133	.01
styrene	5.208	6.192	-	-18.9	30	122	0
1,1,2,2-tetrachloroethane	5.138	6.175	-	-20.2	30	123	.01
o-xylene	6.607	7.793	-	-18	30	121	0
1,2,3-trichloropropane	3.757	4.127	-	-9.8	30	119	0
nonane	3.951	4.42	-	-11.9	30	117	0
isopropylbenzene	9.451	10.593	-	-12.1	30	118	0
bromobenzene	4.749	5.192	-	-9.3	30	117	0
2-chlorotoluene	2.682	2.864	-	-6.8	30	112	0
n-propylbenzene	2.733	3.014	-	-10.3	30	117	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.613	2.655	-	-1.6	30	117	0
4-ethyl toluene	9.203	11.569	-	-25.7	30	136	.01
1,3,5-trimethylbenzene	8.257	9.445	-	-14.4	30	114	0
tert-butylbenzene	8.525	9.975	-	-17	30	118	.01
1,2,4-trimethylbenzene	7.825	10.102	-	-29.1	30	127	.01
decane	5.17	5.86	-	-13.3	30	117	0
Benzyl Chloride	6.183	6.913	-	-11.8	30	113	0
1,3-dichlorobenzene	5.896	7.154	-	-21.3	30	125	0
1,4-dichlorobenzene	5.763	7.259	-	-26	30	127	.01
sec-butylbenzene	11.857	13.343	-	-12.5	30	116	.01
p-isopropyltoluene	10.347	12.312	-	-19	30	118	0
1,2-dichlorobenzene	5.709	6.962	-	-21.9	30	122	0
n-butylbenzene	6.301	6.971	-	-10.6	30	116	.01
1,2-dibromo-3-chloropropan	1.82	1.83	-	-0.5	30	114	0
undecane	5.535	6.74	-	-21.8	30	120	0
dodecane	5.474	7.86	-	-43.6*	30	129	0
1,2,4-trichlorobenzene	3.832	5.695	-	-48.6*	30	130	0
naphthalene	9.571	12.025	-	-25.6	30	113	0
1,2,3-trichlorobenzene	4.414	5.646	-	-27.9	30	120	0
hexachlorobutadiene	4.597	5.631	-	-22.5	30	120	0

* Value outside of QC limits.

Field Duplicate Calculation Section

Volatiles TO-15

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2542672

S1= 25 SV-2 **S2=** 25 DUP-1

Analyte	S1	S2	RPD (%)	
Dichlorodifluoromethane	0.448	0.426	5%	
Chloromethane	ND	0.403	NC	
1,3-Butadiene	2.48	3.56	36%	*
Ethanol	ND	7.16	NC	
Acetone	45.2	77.4	53%	*
Trichlorofluoromethane	ND	0.263	NC	
Isopropanol	2.23	10.5	130%	*
Tertiary butyl Alcohol	25.9	48.4	61%	*
Carbon disulfide	124	2.90	191%	*
2-Butanone	5.07	8.22	47%	*
Chloroform	ND	0.434	NC	
n-Hexane	3.25	3.54	9%	
1,1,1-Trichloroethane	4.28	5.08	17%	
Benzene	6.35	2.40	90%	*
Cyclohexane	0.930	1.71	59%	*
2,2,4-Trimethylpentane	ND	1.18	NC	
Heptane	2.36	2.57	9%	
4-Methyl-2-pentanone	ND	0.604	NC	
Toluene	6.20	5.35	15%	
2-Hexanone	0.816	1.30	46%	*
Tetrachloroethene	6.90	2.10	107%	*
Ethylbenzene	1.42	1.37	4%	
p/m-Xylene	4.51	4.8	6%	
Styrene	ND	0.32	NC	
o-Xylene	2.20	2.05	7%	
4-Ethyltoluene	0.504	0.49	3%	
1,3,5-Trimethylbenzene	0.904	0.876	3%	
1,2,4-Trimethylbenzene	3.01	2.95	2%	
Naphthalene	0.702	0.764	8%	

* RPD is above the allowable maximum (25%).

All results are in ppbv.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

L2543949

ALPHA GEOSCIENCE

Geology
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Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatiles, SIM Semi-volatiles, 1,4-dioxane, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 3 ground water samples and 1 field blank, and the results of volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile results for acetone were qualified as "estimated" (J) for the trip and field blanks because the relative percent difference for acetone was above the allowable maximum in the associated aqueous LCS/LCSD.

- The positive volatile result for methyl tert butyl ether (MTBE) was qualified as "estimated" (J) for MW-2 because the relative percent difference for MTBE was above the allowable maximum in the associated aqueous LCS/LCSD.

- The positive volatile results for acetone were qualified as "not detected" (U) for all 3 ground water samples because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- The 'not detected" volatile results for 1,4-dioxane were qualified as "rejected, unusable" (R) for all 3 ground water samples, trip blank, and field blank because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.

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- The "not detected" semi-volatile results for 3,3'-dichlorobenzidine was qualified as "rejected, unusable" (R) for sample MW-1 because 2 of 2 percent recoveries for 3,3'-dichlorobenzidine were below QC limits and one below 30% in the aqueous MS/MSD sample.

- The positive SIM semi-volatile results for benzo(a)anthracene were qualified as "not detected" (U) for samples MW-1, MW-2, and 25FB-1 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile results for dibenzo(a,h)anthracene were qualified as "not detected" (U) for samples MW-1, MW-3, and 25FB-1 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile results for pentachlorophenol were qualified as "not detected" (U) for samples MW-1, MW-2, and MW-5 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile result for indeno(1,2,3-cd)pyrene was qualified as "estimated" (J) for sample MW-5 because the %D for indeno(1,2,3-cd)pyrene was above the allowable maximum in the associated continuing calibration verification samples.

- The positive PFAS result for PFBS was qualified as "estimated" (J) in sample MW-1 because percent recovery for the surrogate used to quantitate PFBS was above QC limits in the sample.

- The positive PFAS result for PFHxS was qualified as "estimated" (J) in sample MW-2 because percent recovery for the surrogate used to quantitate PFHxS was above QC limits in the sample.

- The positive PFAS result for 6:2FTS was qualified as "not detected" (U) at the reporting limit for sample 25FB-1 because the sample was associated with a method blank containing 6:2FTS and reported concentration for 6:2FTS was below the reporting limit.

- The positive metal results for potassium were qualified as estimated, biased high (J+) for all 3 ground water samples because 1 of 2 percent recoveries for potassium was above the control limits in the associated aqueous MS/MSD sample.

- The positive metal results for magnesium were qualified as estimated (J) for all 3 ground water samples because the %D for magnesium was above the allowable maximum in the associated aqueous serial dilution sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.0	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-01	**Date Collected**	: 07/14/25 11:57
Client ID	: MW-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 12:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A12	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	0.82	2.5	0.17	J	J
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.8	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 12:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:11
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.20	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:11
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.3	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-03	**Date Collected**	: 07/14/25 09:25
Client ID	: MW-5	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A14	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.8	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.3	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 17:36
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	R
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 17:36
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-01	**Date Collected**	: 07/14/25 11:57
Client ID	: MW-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 17:36
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-01	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 18:51
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 18:51
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 18:51
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-02	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:41
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:41
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-04	**Date Collected**	: 07/14/25 13:50
Client ID	: 25FB-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 19:41
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-04	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 18:54
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.03	0.10	0.03	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.05	0.10	0.02	J	
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	0.06	0.10	0.04	J	
53-70-3	Dibenzo(a,h)anthracene	0.05	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	0.22	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:11
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.07	0.10	0.02	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.06	0.10	0.03	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.11	0.10	0.02		
56-55-3	Benzo(a)anthracene	0.05	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	0.04	0.10	0.03	J	
85-01-8	Phenanthrene	0.11	0.10	0.04		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	0.05	0.10	0.04	J	
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J	
87-86-5	Pentachlorophenol	0.19	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:28
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.42	0.10	0.02		
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.35	0.10	0.03		
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.05	0.10	0.02	J	
56-55-3	Benzo(a)anthracene	0.23	0.10	0.03		
50-32-8	Benzo(a)pyrene	0.25	0.10	0.02		
205-99-2	Benzo(b)fluoranthene	0.32	0.10	0.03		
207-08-9	Benzo(k)fluoranthene	0.10	0.10	0.03	J	
218-01-9	Chrysene	0.19	0.10	0.03		
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	0.06	0.10	0.02	J	
191-24-2	Benzo(ghi)perylene	0.18	0.10	0.02		
86-73-7	Fluorene	0.04	0.10	0.03	J	
85-01-8	Phenanthrene	0.19	0.10	0.04		
53-70-3	Dibenzo(a,h)anthracene	0.08	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.18	0.10	0.02		J
129-00-0	Pyrene	0.38	0.10	0.04		
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:45
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	ND	0.10	0.02	U	
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	0.05	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 15:04
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182506	Analyst	: DB
Sample Amount	: 260 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	144	32.6	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 16:06
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F607182509	**Analyst**	: DB
Sample Amount	: 250 ml	**Instrument ID**	: GCMS6
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	381.	150	33.9	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 16:26
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182510	Analyst	: DB
Sample Amount	: 270 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 16:47
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182511	Analyst	: DB
Sample Amount	: 270 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 23:46
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_12	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
375-22-4	Perfluorobutanoic Acid (PFBA)	8.45	5.00	1.02		
2706-90-3	Perfluoropentanoic Acid (PFPeA)	12.4	5.00	0.990		
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.18	5.00	0.595	J	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.7	5.00	0.820		
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.29	5.00	0.563		
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	5.00	0.940	U	
335-67-1	Perfluorooctanoic Acid (PFOA)	32.0	5.00	0.590		
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.81	5.00	3.33	J	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U	
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	5.00	1.26	U	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U	
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 23:46
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_12	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	32.0	5.00	0.590	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:36
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_15	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	12.3	5.00	1.02	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	22.6	5.00	0.990	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	7.42	5.00	0.595	
307-24-4	Perfluorohexanoic Acid (PFHxA)	18.5	5.00	0.820	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	16.8	5.00	0.563	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	7.59	5.00	0.940	J
335-67-1	Perfluorooctanoic Acid (PFOA)	107	5.00	0.590	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.94	5.00	3.33	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	5.00	1.26	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:36
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_15	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	107	5.00	0.590	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:53
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_16	Analyst	: SG
Sample Amount	: 150 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	39.2	3.33	0.680	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	155	3.33	0.660	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.05	3.33	0.397	
307-24-4	Perfluorohexanoic Acid (PFHxA)	96.0	3.33	0.547	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.96	3.33	0.375	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.67	3.33	0.627	JF
335-67-1	Perfluorooctanoic Acid (PFOA)	23.6	3.33	0.393	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.82	3.33	2.22	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	3.33	1.15	U
375-95-1	Perfluorononanoic Acid (PFNA)	2.10	3.33	0.520	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	29.2	3.33	0.840	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.920	3.33	0.507	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	3.33	2.02	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	3.33	1.08	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	3.33	0.433	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	3.33	1.63	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	3.33	0.967	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	3.33	1.34	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:53
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_16	Analyst	: SG
Sample Amount	: 150 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	3.33	0.620	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	3.33	0.545	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	3.33	0.413	U
NONE	PFOA/PFOS, Total	52.8	3.33	0.393	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_17	Analyst	: SG
Sample Amount	: 288.97 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.73	0.353	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.73	0.342	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.73	0.206	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.73	0.284	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.73	0.195	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.73	0.325	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.73	0.204	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.73	1.15	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.73	0.595	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.73	0.270	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.73	0.436	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.73	0.263	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.73	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.73	0.561	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.73	0.225	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.73	0.848	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.73	0.502	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.73	0.696	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_17	Analyst	: SG
Sample Amount	: 288.97 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.73	0.322	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.73	0.283	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.73	0.214	U
NONE	PFOA/PFOS, Total	ND	1.73	0.204	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 09:57
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-05	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 10:53
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-08	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 11:12
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-09	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 11:30
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-10	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 15:42
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-17	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:10
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-20	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:19
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-21	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:29
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-22	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:46
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-13	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:46
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-13	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:09
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-10	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/16/25 08:09
Sample Matrix	: WATER	**Date Extracted**	: 07/15/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 18250716a-10	**Analyst**	: JAG
Sample Amount	: 100 ml	**Instrument ID**	: PEST18
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:21
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-11	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:21
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-11	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 15:26
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250716a-51	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-04	**Date Collected**	: 07/14/25 13:50
Client ID	: 25FB-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/16/25 15:26
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11250716a-51	**Analyst**	: JAG
Sample Amount	: 100 ml	**Instrument ID**	: PEST11
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/01/25 16:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2097760.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0146	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00310	0.00050	0.00016	
7440-39-3	Barium, Total	0.3138	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	238.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00039	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00115	0.00050	0.00016	
7440-50-8	Copper, Total	0.00052	0.00100	0.00038	J
7439-89-6	Iron, Total	35.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.00446	0.00100	0.00034	
7439-95-4	Magnesium, Total	49.0	0.0700	0.0242	J
7439-96-5	Manganese, Total	0.9205	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00111	0.00200	0.00055	J
7440-09-7	Potassium, Total	32.8	0.100	0.0309	J+
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	188.	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00685	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 16:37
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-23-5	Sodium, Total	543.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 14:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0970	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00312	0.00050	0.00016	
7440-39-3	Barium, Total	0.7119	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	244.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00058	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00066	0.00050	0.00016	
7440-50-8	Copper, Total	0.00408	0.00100	0.00038	
7439-89-6	Iron, Total	55.3	0.0500	0.0191	
7439-92-1	Lead, Total	0.01536	0.00100	0.00034	
7439-95-4	Magnesium, Total	29.4	0.0700	0.0242	J
7439-96-5	Manganese, Total	2.667	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00208	0.00200	0.00055	
7440-09-7	Potassium, Total	36.3	0.100	0.0309	J+
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00722	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 15:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	32.6	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00141	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.04864	0.00050	0.00016	
7440-39-3	Barium, Total	1.073	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00297	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00321	0.00020	0.00005	
7440-70-2	Calcium, Total	141.	0.100	0.0394	
7440-47-3	Chromium, Total	0.06472	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.04029	0.00050	0.00016	
7440-50-8	Copper, Total	0.3849	0.00100	0.00038	
7439-89-6	Iron, Total	59.8	0.0500	0.0191	
7439-95-4	Magnesium, Total	37.0	0.0700	0.0242	J
7439-96-5	Manganese, Total	3.698	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1040	0.00200	0.00055	
7440-09-7	Potassium, Total	29.4	0.100	0.0309	J+
7782-49-2	Selenium, Total	0.0198	0.00500	0.00173	
7440-22-4	Silver, Total	0.00136	0.00040	0.00016	
7440-28-0	Thallium, Total	0.00081	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.1474	0.00500	0.00157	
7440-66-6	Zinc, Total	1.561	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 16:43
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-92-1	Lead, Total	2.707	0.1000	0.03430	
7440-23-5	Sodium, Total	392.	50.0	2.93	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 15:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00452	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00018	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.0420	0.100	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	0.00037	0.00100	0.00034	J
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	0.00057	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.200	0.500	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 17:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00992	0.00020	0.00009	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for VOA105 on 06-28-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 07-24-25 (V05250724A05). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-24-25 (V05250724A05). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 07-24-25 (V05250724A05). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-24-25 (V05250724A05). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected. The trip blank contained a trace of acetone (2.3 ug/L). Field blank 25FB-1 contained a trace of acetone (3.8 ug/L). Positive results for acetone that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

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Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for acetone was above the allowable maximum and 1 or 2 percent recoveries for 8 compounds (highlighted yellow on attached Form 3) were above QC limits for aqueous MS/MSD sample MW-1. The positive result for acetone should be considered estimated, biased high (J+) in sample MW-1.

Laboratory Control Sample: The relative percent differences for methyl tert butyl ether, acetone, and methyl acetate were above the allowable maximum for aqueous samples WG2095025-3/4. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for chloroethane and carbon disulfide were above QC limits for aqueous samples WG2095025-3/4. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked compound results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095025-3	Analysis Date : 07/24/25 08:53	File ID : V05250724A05
LCSD Sample ID	: WG2095025-4	Analysis Date : 07/24/25 09:19	File ID : V05250724A06

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	13	130	17	70-130	20
1,1-Dichloroethane	10	11	110	10	12	120	9	70-130	20
Chloroform	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	10	10	100	10	9.3	93	7	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.8	98	10	10	100	2	63-130	20
1,1,2-Trichloroethane	10	10	100	10	11	110	10	70-130	20
Tetrachloroethene	10	9.9	99	10	9.0	90	10	70-130	20
Chlorobenzene	10	9.9	99	10	10	100	1	75-130	20
Trichlorofluoromethane	10	12	120	10	11	110	9	62-150	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	10	100	10	67-130	20
Bromodichloromethane	10	11	110	10	11	110	0	67-130	20
trans-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
cis-1,3-Dichloropropene	10	9.7	97	10	10	100	3	70-130	20
Bromoform	10	9.1	91	10	9.4	94	3	54-136	20
1,1,2,2-Tetrachloroethane	10	9.7	97	10	10	100	3	67-130	20
Benzene	10	10	100	10	11	110	10	70-130	20
Toluene	10	11	110	10	10	100	10	70-130	20
Ethylbenzene	10	11	110	10	10	100	10	70-130	20
Chloromethane	10	9.0	90	10	9.3	93	3	64-130	20
Bromomethane	10	11	110	10	11	110	0	39-139	20
Vinyl chloride	10	12	120	10	11	110	9	55-140	20
Chloroethane	10	15	150 Q	10	15	150 Q	0	55-138	20
1,1-Dichloroethene	10	13	130	10	12	120	8	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	12	120	18	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095025-3	Analysis Date : 07/24/25 08:53	File ID : V05250724A05
LCSD Sample ID	: WG2095025-4	Analysis Date : 07/24/25 09:19	File ID : V05250724A06

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.8	98	10	9.6	96	2	70-130	20
1,2-Dichlorobenzene	10	9.1	91	10	9.4	94	3	70-130	20
1,3-Dichlorobenzene	10	9.3	93	10	9.5	95	2	70-130	20
1,4-Dichlorobenzene	10	9.1	91	10	9.4	94	3	70-130	20
Methyl tert butyl ether	10	9.6	96	10	12	120	22 Q	63-130	20
p/m-Xylene	20	22	110	20	21	105	5	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	22	110	20	22	110	0	70-130	20
Dichlorodifluoromethane	10	10	100	10	9.1	91	9	36-147	20
Acetone	10	9.2	92	10	12	120	26 Q	58-148	20
Carbon disulfide	10	15	150 Q	10	14	140 Q	7	51-130	20
2-Butanone	10	9.2	92	10	8.3	83	10	63-138	20
4-Methyl-2-pentanone	10	7.9	79	10	8.5	85	7	59-130	20
2-Hexanone	10	8.0	80	10	8.0	80	0	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromoethane	10	9.9	99	10	10	100	1	70-130	20
1,2-Dibromo-3-chloropropane	10	8.6	86	10	9.2	92	7	41-144	20
Isopropylbenzene	10	9.4	94	10	9.2	92	2	70-130	20
1,2,3-Trichlorobenzene	10	9.0	90	10	9.2	92	2	70-130	20
1,2,4-Trichlorobenzene	10	9.0	90	10	9.0	90	0	70-130	20
Methyl Acetate	10	8.8	88	10	11	110	22 Q	70-130	20
Cyclohexane	10	9.1	91	10	7.8	78	15	70-130	20
1,4-Dioxane	500	400	80	500	430	86	7	56-162	20
Freon-113	10	12	120	10	10	100	18	70-130	20
Methyl cyclohexane	10	8.4	84	10	7.0	70	18	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	14	140 Q	10	12	120	15	70-130	20
1,1-Dichloroethane	ND	10	13	130	10	12	120	8	70-130	20
Chloroform	ND	10	12	120	10	12	120	0	70-130	20
Carbon tetrachloride	ND	10	12	120	10	12	120	0	63-132	20
1,2-Dichloropropane	ND	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	ND	10	12	120	10	12	120	0	63-130	20
1,1,2-Trichloroethane	ND	10	13	130	10	13	130	0	70-130	20
Tetrachloroethene	ND	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	ND	10	11	110	10	11	110	0	75-130	20
Trichlorofluoromethane	ND	10	15	150	10	14	140	7	62-150	20
1,2-Dichloroethane	ND	10	12	120	10	12	120	0	70-130	20
1,1,1-Trichloroethane	ND	10	12	120	10	12	120	0	67-130	20
Bromodichloromethane	ND	10	12	120	10	12	120	0	67-130	20
trans-1,3-Dichloropropene	ND	10	12	120	10	12	120	0	70-130	20
cis-1,3-Dichloropropene	ND	10	10	100	10	10	100	0	70-130	20
Bromoform	ND	10	11	110	10	12	120	9	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	12	120	10	12	120	0	67-130	20
Benzene	ND	10	12	120	10	12	120	0	70-130	20
Toluene	ND	10	12	120	10	12	120	0	70-130	20
Ethylbenzene	ND	10	12	120	10	12	120	0	70-130	20
Chloromethane	ND	10	9.7	97	10	10	100	3	64-130	20
Bromomethane	ND	10	6.9	69	10	7.6	76	10	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	10	13	130	10	15	150 Q	14	55-140	20
Chloroethane	ND	10	16	160 Q	10	16	160 Q	0	55-138	20
1,1-Dichloroethene	ND	10	15	150 Q	10	16	160 Q	6	61-145	20
trans-1,2-Dichloroethene	ND	10	13	130	10	11	110	17	70-130	20
Trichloroethene	ND	10	11	110	10	11	110	0	70-130	20
1,2-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
1,3-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
1,4-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
Methyl tert butyl ether	ND	10	14	140 Q	10	12	120	15	63-130	20
p/m-Xylene	ND	20	23	115	20	23	115	0	70-130	20
o-Xylene	ND	20	23	115	20	23	115	0	70-130	20
cis-1,2-Dichloroethene	ND	10	11	110	10	11	110	0	70-130	20
Styrene	ND	20	24	120	20	23	115	4	70-130	20
Dichlorodifluoromethane	ND	10	12	120	10	12	120	0	36-147	20
Acetone	3.0J	10	19	190 Q	10	15	150 Q	24 Q	58-148	20
Carbon disulfide	ND	10	17	170 Q	10	18	180 Q	6	51-130	20
2-Butanone	ND	10	12	120	10	10	100	18	63-138	20
4-Methyl-2-pentanone	ND	10	11	110	10	11	110	0	59-130	20
2-Hexanone	ND	10	10	100	10	11	110	10	57-130	20
Bromochloromethane	ND	10	11	110	10	11	110	0	70-130	20
1,2-Dibromoethane	ND	10	12	120	10	12	120	0	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	11	110	10	12	120	9	41-144	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	ND	10	10	100	10	11	110	10	70-130	20
1,2,4-Trichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
Methyl Acetate	ND	10	13	130	10	11	110	17	70-130	20
Cyclohexane	ND	10	11	110	10	10	100	10	70-130	20
1,4-Dioxane	ND	500	570	114	500	640	128	12	56-162	20
Freon-113	ND	10	14	140 Q	10	14	140 Q	0	70-130	20
Methyl cyclohexane	ND	10	10	100	10	9.9J	99	1	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files

L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D

L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.216	0.299	0.277	0.272	0.269	0.268	0.257	0.265	9.49
3)	TP	Chloromethane		0.279	0.322	0.302	0.294	0.289	0.301	0.300	0.298	4.48
4)	TP	Vinyl chloride	0.253	0.234	0.324	0.303	0.297	0.301	0.305	0.290	0.288	10.37
5)	TP	Bromomethane		0.072	0.071	0.086	0.098	0.116	0.129		*Q	0.9998
6)	TP	Chloroethane		0.173	0.197	0.175	0.163	0.157	0.148	0.122	0.162	14.67
7)	TP	Trichlorofluor		0.304	0.423	0.391	0.372	0.363	0.357	0.340	0.364	10.36
8)	TP	Ethyl ether		0.090	0.092	0.094	0.099	0.095	0.094	0.094	0.094	2.75
10)	TP	1,1-Dichloroet		0.165	0.212	0.201	0.192	0.189	0.189	0.185	0.190	7.64
11)	TP	Carbon disulfide		0.540	0.667	0.620	0.600	0.617	0.625	0.608	0.611	6.23
12)	TP	Freon-113		0.170	0.231	0.224	0.219	0.210	0.210	0.202	0.209	9.43
13)	TP	Iodomethane									0.000#	-1.00
14)	TP	Acrolein			0.027	0.029	0.032	0.029	0.029	0.030	0.029	5.71
15)	TP	Methylene chlo		0.263	0.266	0.239	0.228	0.222	0.221	0.218	0.237	8.56
17)	TP	Acetone			0.039	0.041	0.041	0.037	0.037	0.038	0.039	5.17
18)	TP	trans-1,2-Dich		0.205	0.264	0.254	0.239	0.242	0.241	0.234	0.240	7.76
19)	TP	Methyl acetate			0.075	0.099	0.117	0.111	0.110	0.112	0.104	14.72
20)	TP	Methyl tert butyl ether		0.416	0.410	0.454	0.499	0.484	0.486	0.499	0.464	8.15
21)	TP	tert-Butyl alc			0.008	0.009	0.010	0.009	0.009	0.011	0.009#	11.65
22)	TP	Diisopropyl ether		0.683	0.709	0.790	0.853	0.844	0.829	0.820	0.790	8.56
23)	TP	1,1-Dichloroet		0.457	0.528	0.500	0.477	0.472	0.466	0.453	0.479	5.54
24)	TP	Halothane		0.163	0.201	0.201	0.192	0.192	0.192	0.186	0.190	6.87
25)	TP	Acrylonitrile			0.050	0.059	0.065	0.061	0.060	0.060	0.059	8.06
26)	TP	Ethyl tert-but		0.481	0.517	0.599	0.664	0.660	0.658	0.667	0.606	12.83
27)	TP	Vinyl acetate			0.267	0.352	0.435	0.434	0.429	0.433	0.392	17.65
28)	TP	cis-1,2-Dichlo		0.236	0.281	0.273	0.264	0.263	0.261	0.256	0.262	5.36
29)	TP	2,2-Dichloropr		0.255	0.325	0.337	0.355	0.361	0.363	0.354	0.336	11.37
30)	TP	Bromochloromet		0.120	0.131	0.130	0.123	0.113	0.109	0.104	0.119	8.62
31)	TP	Cyclohexane		0.402	0.554	0.569	0.560	0.545	0.546	0.526	0.529	10.87
32)	TP	Chloroform		0.473	0.480	0.437	0.414	0.404	0.398	0.389	0.428	8.51
33)	TP	Ethyl acetate			0.109	0.139	0.166	0.155	0.155	0.162	0.148	14.24
34)	TP	Carbon tetrachloride	0.294	0.265	0.357	0.368	0.366	0.369	0.372	0.361	0.344	11.87
35)	TP	Tetrahydrofuran			0.045	0.050	0.055	0.047	0.045	0.047	0.048	7.60
36)	S	Dibromofluoromethane	0.298	0.293	0.295	0.275	0.268	0.260	0.254	0.254	0.275	6.72
37)	TP	1,1,1-Trichlor		0.306	0.401	0.401	0.390	0.387	0.388	0.373	0.378	8.81
39)	TP	2-Butanone			0.041	0.057	0.068	0.065	0.065	0.067	0.061	16.78

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA105	**Ical Ref**	: ICAL22431
Calibration dates	: 06/28/25 01:00 06/28/25 04:49		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.225	0.299	0.315	0.315	0.316	0.318	0.309	0.300	11.23
41)	TP	Benzene	0.849	0.783	0.991	1.001	0.984	0.984	0.980	0.953	0.941	8.52
42)	TP	Tertiary-Amyl Methyl Ether		0.347	0.346	0.416	0.469	0.470	0.476	0.495	0.431	14.57
43)	S	1,2-Dichloroethane-d4	0.314	0.314	0.310	0.310	0.288	0.278	0.267	0.278	0.295	6.47
44)	TP	1,2-Dichloroethane	0.291	0.307	0.316	0.309	0.302	0.288	0.282	0.279	0.297	4.64
47)	TP	Methyl cyclohe		0.282	0.391	0.421	0.441	0.440	0.448	0.442	0.409	14.49
48)	TP	Trichloroethene	0.293	0.248	0.272	0.258	0.257	0.258	0.256	0.249	0.261	5.58
50)	TP	Dibromomethane		0.121	0.131	0.127	0.129	0.125	0.124	0.126	0.126	2.55
51)	TP	1,2-Dichloropr		0.222	0.247	0.261	0.260	0.260	0.258	0.257	0.252	5.54
53)	TP	2-Chloroethyl			0.070	0.096	0.121	0.121	0.121	0.125	*L	0.9994
54)	TP	Bromodichlorom		0.266	0.293	0.301	0.303	0.304	0.303	0.304	0.296#	4.66
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	10.05
58)	TP	cis-1,3-Dichloropropene	0.158	0.217	0.262	0.320	0.351	0.360	0.362		*Q	0.9996
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.214	1.241	1.268	1.264	1.264	1.256	1.260	1.254	1.253	1.42
61)	TP	Toluene		0.676	0.757	0.763	0.755	0.755	0.759	0.728	0.742	4.21
62)	TP	4-Methyl-2-pen			0.043	0.058	0.072	0.068	0.069	0.071	0.063	17.62
63)	TP	Tetrachloroethene	0.288	0.304	0.381	0.385	0.385	0.381	0.384	0.366	0.359	11.11
65)	TP	trans-1,3-Dichloropropene	0.135	0.201	0.247	0.320	0.370	0.374			*Q	0.9985
67)	TP	Ethyl methacry			0.163	0.213	0.252	0.240	0.242	0.245	0.226	14.91
68)	TP	1,1,2-Trichlor		0.143	0.156	0.176	0.188	0.177	0.176	0.173	0.170#	8.89
69)	TP	Chlorodibromom		0.207	0.236	0.273	0.298	0.298	0.300	0.297	0.273	13.65
70)	TP	1,3-Dichloropr		0.312	0.327	0.367	0.386	0.371	0.370	0.365	0.357	7.52
71)	TP	1,2-Dibromoethane		0.158	0.175	0.212	0.229	0.219	0.221	0.218	0.204	13.19
72)	TP	2-Hexanone			0.067	0.091	0.118	0.110	0.111	0.114	0.102	18.91
73)	TP	Chlorobenzene		0.845	0.902	0.872	0.874	0.865	0.865	0.835	0.865	2.46
74)	TP	Ethylbenzene		1.255	1.455	1.478	1.477	1.466	1.457	1.392	1.426	5.65
75)	TP	1,1,1,2-Tetrac		0.229	0.254	0.297	0.316	0.318	0.317	0.307	0.291	12.16
76)	TP	p/m Xylene		0.457	0.580	0.592	0.582	0.568	0.560	0.521	0.551	8.65
77)	TP	o Xylene		0.452	0.547	0.567	0.557	0.544	0.537	0.504	0.530	7.48
78)	TP	Styrene		0.669	0.851	0.925	0.924	0.891	0.874	0.819	0.850	10.42
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.195	0.199	0.254	0.296	0.300	0.307	0.317	0.267	19.35
82)	TP	Isopropylbenzene		1.950	2.370	2.584	2.628	2.832	2.871	2.853	2.584	12.90
83)	S	4-Bromofluorobenzene	0.810	0.791	0.772	0.781	0.788	0.788	0.810	0.848	0.798	2.99
84)	TP	Bromobenzene		0.597	0.596	0.613	0.618	0.623	0.628	0.638	0.616	2.52

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85)	TP	n-Propylbenzene		2.256	2.806	2.986	3.000	3.081	3.121	3.049	2.900	10.39
86)	TP	1,4-Dichlorobu		0.618	0.640	0.699	0.752	0.727	0.734	0.746	0.702	7.60
87)	TP	1,1,2,2-Tetrachloroethane	0.274	0.344	0.351	0.391	0.431	0.414	0.417	0.435	0.382	14.51
88)	TP	4-Ethyltoluene		1.871	2.373	2.583	2.590	2.613	2.633	2.557	2.460	11.12
89)	TP	2-Chlorotoluene		1.538	1.673	1.784	1.748	1.759	1.719	1.717	1.705	4.80
90)	TP	1,3,5-Trimethy		1.607	1.983	2.176	2.196	2.225	2.252	2.190	2.090	11.01
91)	TP	1,2,3-Trichlor		0.304	0.289	0.308	0.340	0.322	0.329	0.341	0.319	6.09
92)	TP	trans-1,4-Dich			0.096	0.120	0.141	0.127	0.134	0.139	0.126	13.15
93)	TP	4-Chlorotoluene		1.502	1.663	1.764	1.790	1.814	1.830	1.816	1.740	6.85
94)	TP	tert-Butylbenzene		1.395	1.820	1.921	1.949	1.991	2.024	1.984	1.869	11.72
97)	TP	1,2,4-Trimethy		1.413	1.782	2.051	2.134	2.200	2.219	2.170	1.996	14.88
98)	TP	sec-Butylbenzene		1.887	2.595	2.737	2.751	2.816	2.857	2.798	2.634	12.90
99)	TP	p-Isopropyltol		1.496	2.090	2.407	2.489	2.531	2.565	2.471	2.293	16.80
100)	TP	1,3-Dichlorobe		1.131	1.232	1.266	1.270	1.268	1.274	1.243	1.241	4.08
101)	TP	1,4-Dichlorobe		1.267	1.260	1.282	1.272	1.265	1.274	1.243	1.266	0.98
102)	TP	p-Diethylbenzene		0.838	1.147	1.351	1.440	1.509	1.535	1.497	1.331	19.14
103)	TP	n-Butylbenzene		1.184	1.647	1.854	1.958	2.017	2.050	1.999	1.816	17.09
104)	TP	1,2-Dichlorobe		1.024	1.084	1.128	1.152	1.141	1.140	1.123	1.113	4.04
105)	TP	1,2,4,5-Tetram			1.444	1.826	2.031	2.132	2.159	2.157	1.958	14.40
106)	TP	1,2-Dibromo-3-		0.045	0.047	0.059	0.071	0.070	0.072	0.075	0.063	19.81
107)	TP	1,3,5-Trichlor		0.689	0.782	0.840	0.887	0.906	0.903	0.888	0.842	9.57
108)	TP	Hexachlorobuta		0.263	0.315	0.323	0.337	0.360	0.366	0.360	0.332	10.91
109)	TP	1,2,4-Trichlor		0.577	0.601	0.694	0.759	0.766	0.754	0.748	0.700	11.35
110)	TP	Naphthalene		0.936	0.997	1.306	1.521	1.448	1.453	1.470	1.304	18.45
111)	TP	1,2,3-Trichlor		0.492	0.525	0.597	0.641	0.623	0.623	0.620	0.589	9.72

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA105		Calibration Date	: 07/24/25 08:53	
Lab File ID	: V05250724A05		Init. Calib. Date(s)	: 06/28/25	06/28/25
Sample No	: WG2095025-2		Init. Calib. Times	: 01:00	04:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	109	0
Dichlorodifluoromethane	0.265	0.266	-	-0.4	20	105	0
Chloromethane	0.298	0.27	-	9.4	20	98	0
Vinyl chloride	0.288	0.36	-	-25*	20	130	0
Bromomethane	10	11.47	-	-14.7	20	131	0
Chloroethane	0.162	0.24	-	-48.1*	20	150	0
Trichlorofluoromethane	0.364	0.437	-	-20.1*	20	122	0
Ethyl ether	0.094	0.124	-	-31.9*	20	144	0
1,1-Dichloroethene	0.19	0.252	-	-32.6*	20	137	0
Carbon disulfide	0.611	0.921	-	-50.7*	20	163	0
Freon-113	0.209	0.25	-	-19.6	20	122	0
Acrolein	0.029	0.046	-	-58.6*	20	174	0
Methylene chloride	0.237	0.257	-	-8.4	20	118	0
Acetone	0.039	0.036	-	7.7	20	94	0
trans-1,2-Dichloroethene	0.24	0.252	-	-5	20	109	0
Methyl acetate	0.104	0.092	-	11.5	20	101	0
Methyl tert-butyl ether	0.464	0.447	-	3.7	20	108	0
tert-Butyl alcohol	0.0094	0.00811*	-	13.7	20	98	0
Diisopropyl ether	0.79	0.718	-	9.1	20	99	0
1,1-Dichloroethane	0.479	0.521	-	-8.8	20	114	0
Halothane	0.19	0.181	-	4.7	20	98	0
Acrylonitrile	0.059	0.058	-	1.7	20	107	0
Ethyl tert-butyl ether	0.606	0.557	-	8.1	20	102	0
Vinyl acetate	0.392	0.316	-	19.4	20	98	0
cis-1,2-Dichloroethene	0.262	0.264	-	-0.8	20	106	0
2,2-Dichloropropane	0.336	0.392	-	-16.7	20	127	0
Bromochloromethane	0.119	0.119	-	0	20	100	0
Cyclohexane	0.529	0.481	-	9.1	20	93	0
Chloroform	0.428	0.463	-	-8.2	20	116	0
Ethyl acetate	0.148	0.118	-	20.3*	20	93	0
Carbon tetrachloride	0.344	0.356	-	-3.5	20	106	0
Tetrahydrofuran	0.048	0.043	-	10.4	20	94	0
Dibromofluoromethane	0.275	0.285	-	-3.6	20	113	0
1,1,1-Trichloroethane	0.378	0.418	-	-10.6	20	114	0
2-Butanone	0.061	0.056	-	8.2	20	106	0
1,1-Dichloropropene	0.3	0.309	-	-3	20	107	0
Benzene	0.941	0.996	-	-5.8	20	109	0
tert-Amyl methyl ether	0.431	0.384	-	10.9	20	101	0
1,2-Dichloroethane-d4	0.295	0.341	-	-15.6	20	121	0
1,2-Dichloroethane	0.297	0.322	-	-8.4	20	114	0
Methyl cyclohexane	0.409	0.343	-	16.1	20	89	0
Trichloroethene	0.261	0.256	-	1.9	20	109	0
Dibromomethane	0.126	0.123	-	2.4	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA105	Calibration Date	: 07/24/25 08:53
Lab File ID	: V05250724A05	Init. Calib. Date(s)	: 06/28/25 06/28/25
Sample No	: WG2095025-2	Init. Calib. Times	: 01:00 04:49
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.252	0.252	-	0	20	106	0
Bromodichloromethane	0.296	0.322	-	-8.8	20	117	0
1,4-Dioxane	0.00113	0.0009*	-	20.4*	20	89	0
cis-1,3-Dichloropropene	10	9.73	-	2.7	20	112	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.253	1.344	-	-7.3	20	110	0
Toluene	0.742	0.787	-	-6.1	20	106	0
4-Methyl-2-pentanone	0.063	0.05	-	20.6*	20	89	0
Tetrachloroethene	0.359	0.355	-	1.1	20	95	0
trans-1,3-Dichloropropene	10	10.268	-	-2.7	20	113	0
Ethyl methacrylate	0.226	0.193	-	14.6	20	93	0
1,1,2-Trichloroethane	0.17	0.177*	-	-4.1	20	104	0
Chlorodibromomethane	0.273	0.269	-	1.5	20	102	0
1,3-Dichloropropane	0.357	0.376	-	-5.3	20	106	0
1,2-Dibromoethane	0.204	0.203	-	0.5	20	99	0
2-Hexanone	0.102	0.081	-	20.6*	20	92	0
Chlorobenzene	0.865	0.859	-	0.7	20	102	0
Ethylbenzene	1.426	1.524	-	-6.9	20	106	0
1,1,1,2-Tetrachloroethane	0.291	0.288	-	1	20	100	0
p/m Xylene	0.551	0.594	-	-7.8	20	103	0
o Xylene	0.53	0.566	-	-6.8	20	103	0
Styrene	0.85	0.919	-	-8.1	20	102	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
Bromoform	0.267	0.243	-	9	20	101	0
Isopropylbenzene	2.584	2.443	-	5.5	20	99	0
4-Bromofluorobenzene	0.798	0.82	-	-2.8	20	110	0
Bromobenzene	0.616	0.565	-	8.3	20	97	0
n-Propylbenzene	2.9	3.008	-	-3.7	20	106	0
1,4-Dichlorobutane	0.702	0.679	-	3.3	20	102	0
1,1,2,2-Tetrachloroethane	0.382	0.372	-	2.6	20	100	0
4-Ethyltoluene	2.46	2.538	-	-3.2	20	103	0
2-Chlorotoluene	1.705	1.869	-	-9.6	20	110	0
1,3,5-Trimethylbenzene	2.09	2.112	-	-1.1	20	102	0
1,2,3-Trichloropropane	0.319	0.312	-	2.2	20	106	0
trans-1,4-Dichloro-2-buten	0.126	0.114	-	9.5	20	99	0
4-Chlorotoluene	1.74	1.854	-	-6.6	20	110	0
tert-Butylbenzene	1.869	1.772	-	5.2	20	97	0
1,2,4-Trimethylbenzene	1.996	1.985	-	0.6	20	102	0
sec-Butylbenzene	2.634	2.602	-	1.2	20	100	0
p-Isopropyltoluene	2.293	2.214	-	3.4	20	97	0
1,3-Dichlorobenzene	1.241	1.157	-	6.8	20	96	0
1,4-Dichlorobenzene	1.266	1.151	-	9.1	20	94	0
p-Diethylbenzene	1.331	1.245	-	6.5	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA105	**Calibration Date**	: 07/24/25 08:53
Lab File ID	: V05250724A05	**Init. Calib. Date(s)**	: 06/28/25 06/28/25
Sample No	: WG2095025-2	**Init. Calib. Times**	: 01:00 04:49
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.816	1.837	-	-1.2	20	104	0
1,2-Dichlorobenzene	1.113	1.017	-	8.6	20	95	0
1,2,4,5-Tetramethylbenzene	1.958	1.705	-	12.9	20	98	0
1,2-Dibromo-3-chloropropan	0.063	0.053	-	15.9	20	96	0
1,3,5-Trichlorobenzene	0.842	0.79	-	6.2	20	99	0
Hexachlorobutadiene	0.332	0.315	-	5.1	20	102	0
1,2,4-Trichlorobenzene	0.7	0.627	-	10.4	20	95	0
Naphthalene	1.304	1.096	-	16	20	88	0
1,2,3-Trichlorobenzene	0.589	0.531	-	9.8	20	93	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
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Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV107 on 06-19-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-18-25 (WG2092337-3). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-18-25 (WG2092337-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-18-25 (WG2092337-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 3,3'-dichlorobenzidine was above the allowable maximum; 2 of 2 percent recoveries (%Rs) for 2,4-dinitrophenol were above QC limits; and 2 of 2 %Rs for 3,3'-dichlorobenzidine were below QC limits and one below 30% for aqueous MS/MSD sample MW-1. The "not detected" result for 3,3'-dichlorobenzidine should be considered rejected, unusable (R) in sample MW-1.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for p-chloro-m-cresol and 4-nitrophenol, and 1 of 2 %Rs for di-n-octylphthalate were above QC limits for aqueous samples WG2091134-2/3. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	18.	91	20	16.	80	13	40-140	30
3,3'-Dichlorobenzidine	20	16.	80	20	13.	64	22	40-140	30
2,4-Dinitrotoluene	20	23.	117	20	20.	102	14	48-143	30
2,6-Dinitrotoluene	20	23.	117	20	22.	112	4	40-140	30
4-Chlorophenyl phenyl ether	20	18.	88	20	16.	79	11	40-140	30
4-Bromophenyl phenyl ether	20	20.	99	20	17.	84	16	40-140	30
Bis(2-chloroisopropyl)ether	20	16.	78	20	14.	73	7	40-140	30
Bis(2-chloroethoxy)methane	20	20.	98	20	17.	87	12	40-140	30
Hexachlorocyclopentadiene	20	11.	54	20	12.	59	9	40-140	30
Isophorone	20	20.	100	20	19.	93	7	40-140	30
Nitrobenzene	20	18.	91	20	18.	90	1	40-140	30
NDPA/DPA	20	19.	96	20	16.	80	18	40-140	30
n-Nitrosodi-n-propylamine	20	18.	92	20	18.	89	3	29-132	30
Bis(2-ethylhexyl)phthalate	20	27.	136	20	24.	118	14	40-140	30
Butyl benzyl phthalate	20	28.	140	20	24.	119	16	40-140	30
Di-n-butylphthalate	20	24.	121	20	21.	104	15	40-140	30
Di-n-octylphthalate	20	30.	149 Q	20	25.	125	18	40-140	30
Diethyl phthalate	20	22.	110	20	19.	95	15	40-140	30
Dimethyl phthalate	20	20.	99	20	19.	93	6	40-140	30
Biphenyl	20	16.	82	20	15.	77	6	40-140	30
4-Chloroaniline	20	15.	77	20	15.	75	3	40-140	30
2-Nitroaniline	20	24.	122	20	21.	107	13	52-143	30
3-Nitroaniline	20	21.	107	20	18.	90	17	25-145	30
4-Nitroaniline	20	22.	111	20	19.	97	13	51-143	30
Dibenzofuran	20	18.	88	20	15.	77	13	40-140	30
1,2,4,5-Tetrachlorobenzene	20	15.	77	20	15.	77	0	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	21.	105	20	19.	97	8	39-129	30
2,4,6-Trichlorophenol	20	23.	116	20	20.	100	15	30-130	30
p-Chloro-m-cresol	20	25.	125 Q	20	22.	113 Q	10	23-97	30
2-Chlorophenol	20	17.	84	20	16.	80	5	27-123	30
2,4-Dichlorophenol	20	20.	98	20	20.	98	0	30-130	30
2,4-Dimethylphenol	20	14.	71	20	15.	76	7	30-130	30
2-Nitrophenol	20	21.	105	20	20.	101	4	30-130	30
4-Nitrophenol	20	25.	123 Q	20	20.	98 Q	23	10-80	30
2,4-Dinitrophenol	20	21.	104	20	17.	87	18	20-130	30
4,6-Dinitro-o-cresol	20	25.	124	20	20.	100	21	20-164	30
Phenol	20	11.	57	20	9.2	46	21	12-110	30
2-Methylphenol	20	17.	86	20	16.	80	7	30-130	30
3-Methylphenol/4-Methylphenol	20	17.	84	20	16.	80	5	30-130	30
2,4,5-Trichlorophenol	20	24.	119	20	23.	117	2	30-130	30
Carbazole	20	20.	99	20	17.	85	15	55-144	30
Atrazine	20	24.	122	20	21.	106	14	40-140	30
Benzaldehyde	20	20.	101	20	16.	82	21	40-140	30
Caprolactam	20	12.	59	20	11.	55	7	10-130	30
2,3,4,6-Tetrachlorophenol	20	24.	118	20	20.	102	15	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	20	15.	75		20	13.	65		14	40-140	30
3,3'-Dichlorobenzidine	ND	20	7.7	39	Q	20	5.1	26	Q	41 Q	40-140	30
2,4-Dinitrotoluene	ND	20	17.	85		20	17.	85		0	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90		20	17.	85		6	40-140	30
4-Chlorophenyl phenyl ether	ND	20	16.	80		20	15.	75		6	40-140	30
4-Bromophenyl phenyl ether	ND	20	19.	95		20	20.	100		5	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	13.	65		20	12.	60		8	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70		20	14.	70		0	40-140	30
Hexachlorocyclopentadiene	ND	20	13.J	65		20	11.J	55		17	40-140	30
Isophorone	ND	20	14.	70		20	13.	65		7	40-140	30
Nitrobenzene	ND	20	15.	75		20	14.	70		7	40-140	30
NDPA/DPA	ND	20	16.	80		20	15.	75		6	40-140	30
n-Nitrosodi-n-propylamine	ND	20	14.	70		20	14.	70		0	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	20.	100		20	20.	100		0	40-140	30
Butyl benzyl phthalate	ND	20	23.	120		20	24.	120		4	40-140	30
Di-n-butylphthalate	ND	20	18.	90		20	18.	90		0	40-140	30
Di-n-octylphthalate	ND	20	24.	120		20	25.	130		4	40-140	30
Diethyl phthalate	ND	20	16.	80		20	16.	80		0	40-140	30
Dimethyl phthalate	ND	20	16.	80		20	19.	95		17	40-140	30
Biphenyl	ND	20	15.	75		20	14.	70		7	40-140	30
4-Chloroaniline	ND	20	11.	55		20	9.1	46		19	40-140	30
2-Nitroaniline	ND	20	15.	75		20	15.	75		0	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	20	15.	75	20	14.	70	7	25-145	30
4-Nitroaniline	ND	20	19.	95	20	18.	90	5	51-143	30
Dibenzofuran	ND	20	14.	70	20	15.	75	7	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	14.	70	20	13.	65	7	2-134	30
Acetophenone	ND	20	14.	70	20	13.	65	7	39-129	30
2,4,6-Trichlorophenol	ND	20	17.	85	20	16.	80	6	30-130	30
p-Chloro-m-cresol	ND	20	17.	85	20	15.	75	13	23-97	30
2-Chlorophenol	ND	20	15.	75	20	15.	75	0	27-123	30
2,4-Dichlorophenol	ND	20	16.	80	20	14.	70	13	30-130	30
2,4-Dimethylphenol	ND	20	10.	50	20	7.5	38	29	30-130	30
2-Nitrophenol	ND	20	20.	100	20	18.	90	11	30-130	30
4-Nitrophenol	ND	20	9.4J	47	20	10.	50	6	10-80	30
2,4-Dinitrophenol	ND	20	28.	140 Q	20	28.	140 Q	0	20-130	30
4,6-Dinitro-o-cresol	ND	20	27.	140	20	28.	140	4	20-164	30
Phenol	ND	20	8.2	41	20	8.3	42	1	12-110	30
2-Methylphenol	ND	20	13.	65	20	12.	60	8	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	16.	80	20	15.	75	6	30-130	30
2,4,5-Trichlorophenol	ND	20	17.	85	20	17.	85	0	30-130	30
Carbazole	ND	20	16.	80	20	15.	75	6	55-144	30
Atrazine	ND	20	21.	110	20	22.	110	5	40-140	30
Benzaldehyde	ND	20	19.	95	20	18.	90	5	40-140	30
Caprolactam	ND	20	10.	50	20	11.	55	10	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	20	16.	80	20	16.	80	0	40-140	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.710	0.739	0.752	0.780	0.787	0.748	0.757	0.780	0.714	0.752	3.71
3)	t	Pyridine		1.132	1.190	1.405	1.411	1.379	1.314	1.336	1.281	1.306	7.74
4)	S	2-Fluorophenol	1.113	1.171	1.137	1.169	1.138	1.136	1.137	1.130	1.072	1.134	2.59
5)	T	Aniline		1.073	1.711	1.794	1.936	1.925	1.913	1.989	1.923	1.783	16.85
6)	t	2-Chlorophenol	1.053	1.145	1.278	1.267	1.276	1.264	1.233	1.257	1.239	1.224	6.19
7)	S	Phenol-d6	1.350	1.255	1.435	1.442	1.420	1.428	1.414	1.439	1.384	1.396	4.34
8)	T	Phenol	1.419	1.552	1.591	1.587	1.588	1.555	1.533	1.551	1.525	1.545	3.42
9)	T	Bis(2-chloroet	1.251	1.335	1.369	1.284	1.252	1.206	1.182	1.181	1.179	1.249	5.58
10)	T	1,3-Dichlorobe	1.661	1.623	1.838	1.627	1.630	1.575	1.525	1.571	1.618	1.630	5.41
11)	T	1,4-Dichlorobe	2.002	1.786	1.744	1.704	1.614	1.605	1.563	1.596	1.654	1.697	8.04
12)	T	1,2-Dichlorobe	1.686	1.683	1.683	1.643	1.595	1.544	1.526	1.587	1.639	1.621	3.75
13)	t	Benzyl alcohol		0.786	0.881	0.930	0.970	0.982	1.048	1.140	1.139	0.985	12.47
14)	T	Bis(2-chlorois	1.850	1.772	1.870	1.794	1.814	1.739	1.748	1.809	1.811	1.801	2.40
15)	T	2-Methylphenol	1.079	1.068	1.090	1.081	1.114	1.140	1.171	1.250	1.420	1.157	9.86
16)	T	Hexachloroethane	0.621	0.534	0.603	0.579	0.576	0.563	0.574	0.584	0.588	0.580	4.19
17)	T	n-Nitrosodi-n-	0.853	0.769	0.868	0.886	0.909	0.910	0.926	0.986	0.985	0.899	7.46
18)	T	3-Methylphenol	0.989	1.022	1.152	1.224	1.196	1.207	1.237	1.308	1.322	1.184	9.67
19)	S	Nitrobenzene-d5	0.741	0.991	1.161	1.202	1.212	1.252	1.265	1.351	1.316	1.166	16.30
20)	T	Nitrobenzene	1.111	1.064	1.194	1.229	1.311	1.296	1.303	1.369	1.380	1.251	8.82
21)	T	Isophorone	1.918	2.106	2.325	2.387	2.488	2.503	2.618	2.807	2.845	2.444	12.42
22)	T	2-Nitrophenol			0.353	0.400	0.433	0.472	0.530	0.621		*Q	0.9998
23)	T	2,4-Dimethylph	0.987	1.067	1.234	1.270	1.326	1.327	1.385	1.504	1.571	1.297	14.46
24)	T	Bis(2-chloroet	1.548	1.597	1.633	1.614	1.632	1.607	1.624	1.719	1.761	1.637	3.93
25)	T	2,4-Dichloroph	0.876	1.017	1.051	1.107	1.202	1.212	1.265	1.343	1.416	1.165	14.55
26)	T	1,2,4-Trichlor	1.714	1.557	1.535	1.520	1.526	1.445	1.459	1.537	1.616	1.545	5.23
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.885	0.883	0.738	0.906	0.788	0.787	0.827	0.732	0.718	0.807	8.87
29)	T	Acetophenone	2.099	2.081	1.987	2.116	1.978	1.874	1.975	1.988	2.154	2.028	4.39
30)	T	m-Toluidine				0.866	1.183	1.257	1.403	1.397	1.477	1.264	17.61
31)	T	2-Chloroaniline	1.265	1.489	1.346	1.557	1.543	1.463	1.507	1.525	1.618	1.479	7.41
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)		1,4-Dioxane		0.676	0.579	0.559	0.505	0.490	0.489	0.482	0.487	0.533	12.74
34)	T	n-Decane	1.674	1.529	1.630	1.441	1.432	1.478	1.537	1.531	1.582	1.537	5.30
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.210	1.233	1.201	1.139	1.057	1.033	1.030	1.016	1.012	1.103	8.33

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV107	**Ical Ref**	: ICAL22419
Calibration dates	: 06/19/25 14:15 06/20/25 05:05		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid					0.115	0.138	0.184	0.206	0.212	*L	0.9990
38)	T	4-Chloroaniline	0.075	0.128	0.140	0.143	0.143	0.141	0.143	0.145	0.148	0.134	16.95
39)	T	Hexachlorobuta	0.259	0.261	0.284	0.241	0.235	0.223	0.223	0.219	0.230	0.242	9.04
40)	T	p-Chloro-m-cresol	0.254	0.233	0.263	0.277	0.282	0.292	0.312	0.322	0.330	0.285	11.39
41)	T	2-Methylnaphth	0.639	0.692	0.702	0.674	0.658	0.636	0.647	0.634	0.651	0.659	3.76
42)	T	1-Methylnaphth	0.263	0.274	0.279	0.265	0.246	0.239	0.244	0.239	0.252	0.256	5.95
43)	T	Hexachlorocycl	0.193	0.230	0.235	0.230	0.223	0.225	0.245	0.257	0.277	0.235	10.05
44)	T	2,4,6-Trichlor	0.203	0.182	0.218	0.231	0.227	0.242	0.254	0.275	0.285	0.235	14.05
45)	T	2,4,5-Trichlor	0.209	0.199	0.231	0.247	0.263	0.253	0.282	0.291	0.311	0.254	14.63
46)	S	2-Fluorobiphenyl	0.995	0.970	1.018	0.966	0.904	0.883	0.886	0.880	0.905	0.934	5.70
47)	T	2-Chloronaphth	0.785	0.788	0.833	0.800	0.742	0.714	0.723	0.727	0.753	0.763	5.33
48)	T	2-Nitroaniline			0.158	0.168	0.184	0.206	0.236	0.246	0.258	0.208	19.10
49)	T	1,4-Dinitroben					0.071	0.081	0.097	0.113	0.116	*L	0.9987
50)	T	1,3-Dinitroben					0.093	0.107	0.120	0.137	0.144	*L	0.9988
51)	T	Dimethyl phtha	0.758	0.842	0.920	0.912	0.877	0.872	0.897	0.932	0.941	0.883	6.39
52)	T	Acenaphthylene	1.102	1.104	1.254	1.251	1.209	1.204	1.203	1.233	1.266	1.203	5.07
53)	T	2,6-Dinitrotol			0.116	0.132	0.149	0.165	0.181	0.185	0.190	0.160	17.73
54)	T	1,2-Dinitroben				0.054	0.062	0.071	0.076	0.082	0.084	0.071	16.35
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.179	0.209	0.217	0.236	0.234	0.233	0.253	0.277	0.282	0.236	13.78
57)	T	3-Chloroaniline			0.120	0.141	0.142	0.140	0.144	0.143	0.140	0.139	5.91
58)	T	2,6-Dichlorophenol	0.195	0.205	0.213	0.245	0.250	0.251	0.267	0.289	0.307	0.247	15.29
59)	T	1-chloro-2-nitrobenzene	0.101	0.097	0.093	0.095	0.105	0.104	0.117	0.132	0.143	0.110	15.94
60)	T	Caprolactam			0.091	0.102	0.107	0.112	0.130	0.153	0.167	*L	0.9909
61)	T	1,2,4,5-Tetrachloroben...	0.420	0.434	0.413	0.425	0.398	0.376	0.386	0.412	0.436	0.411	5.08
62)	T	Biphenyl	0.928	0.944	0.923	0.956	0.918	0.864	0.879	0.955	1.017	0.932	4.84
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline			0.229	0.258	0.289	0.299	0.322	0.344	0.347	0.298	14.70
65)	T	Acenaphthene	1.262	1.221	1.250	1.195	1.125	1.081	1.106	1.142	1.152	1.170	5.51
66)	T	2,4-Dinitrophenol		0.021	0.060	0.074	0.080	0.093	0.114	0.146		*Q	0.9994
67)	T	Dibenzofuran	2.158	2.138	2.116	1.990	1.941	1.869	1.872	1.942	1.946	1.997	5.62
68)	T	2,4-Dinitrotol		0.201	0.252	0.290	0.335	0.355	0.408	0.456	0.468	*Q	0.9983
69)	T	4-Nitrophenol		0.302	0.172	0.201	0.215	0.229	0.251	0.278	0.277	0.240	18.41
70)	T	2,3,5,6-Tetrac			0.278	0.294	0.317	0.332	0.362	0.392	0.398	0.339	13.77
71)	T	2,3,4,6-Tetrachlorophenol		0.254	0.349	0.319	0.394	0.392	0.423	0.441	0.444	0.377	17.50
72)	T	Diethyl phthalate	1.295	1.244	1.363	1.433	1.390	1.378	1.439	1.520	1.503	1.396	6.44

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.489	1.517	1.546	1.510	1.452	1.427	1.443	1.467	1.480	1.481	2.59
74)	T	4-Chlorophenyl	0.899	0.798	0.800	0.767	0.720	0.702	0.693	0.718	0.721	0.757	8.78
75)	T	4-Nitroaniline			0.223	0.267	0.283	0.296	0.325	0.355	0.341	0.298	15.39
76)	T	4,6-Dinitro-o-			0.092	0.102	0.124	0.136	0.172	0.209		*Q	0.9989
77)	T	NDPA/DPA	1.233	1.199	1.299	1.255	1.259	1.231	1.258	1.332	1.354	1.269	3.97
78)	T	Azobenzene	1.170	1.228	1.324	1.368	1.362	1.327	1.373	1.405	1.378	1.326	5.84
79)	S	2,4,6-Tribromo		0.132	0.158	0.161	0.173	0.175	0.183	0.211	0.208	0.175	14.80
80)	T	4-Bromophenyl	0.424	0.474	0.462	0.435	0.429	0.418	0.429	0.445	0.457	0.442	4.33
81)	T	Hexachlorobenzene	0.564	0.514	0.524	0.480	0.471	0.448	0.448	0.466	0.475	0.488	7.91
82)	T	Pentachlorophenol		0.116	0.149	0.166	0.208	0.230	0.271	0.304	0.316	*Q	0.9979
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran		0.067	0.073	0.081	0.094	0.093	0.116			0.088	19.81
85)	T	Pentachloronitrobenzene		0.065	0.077	0.100	0.111	0.115	0.128	0.160	0.178	*Q	0.9986
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.205	0.198	0.222	0.257	0.280	0.311	0.331	0.432	0.477	*Q	0.9977
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.411	1.322	1.332	1.257	1.189	1.136	1.144	1.134	1.168	1.233	8.27
90)	T	Anthracene	1.204	1.138	1.206	1.192	1.150	1.141	1.154	1.169	1.224	1.175	2.72
91)	T	Carbazole	0.910	0.998	1.055	1.074	1.075	1.061	1.117	1.153	1.237	1.076	8.57
92)	T	Di-n-butylphth			0.810	0.899	1.023	1.105	1.327	1.389	1.425	*L	0.9974
93)	T	Fluoranthene	1.249	1.190	1.335	1.358	1.339	1.318	1.444	1.392	1.402	1.336	5.84
94)	T	Benzidine			0.205	0.346	0.571	0.693	0.836	0.873	0.975	*L	0.9944
95)	T	Pyrene	1.368	1.266	1.515	1.510	1.432	1.378	1.481	1.428	1.506	1.432	5.81
96)	S	4-Terphenyl-d14	0.951	0.931	1.014	1.030	0.976	0.964	1.029	1.020	1.089	1.000	4.91
97)	T	Butyl benzyl p		0.205	0.222	0.239	0.296	0.365	0.480	0.534		*Q	0.9950
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid			0.267	0.317	0.377	0.372	0.443	0.523	0.567	*L	0.9912
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane			0.315	0.345	0.384	0.413	0.458	0.495	0.528	0.420	18.68
102)	T	Parathion			0.039	0.040	0.045	0.047	0.059	0.093	0.112	*Q	0.9956
103)	T	3,3'-Dimethylb					0.234	0.304	0.515	0.759	0.846	*L	0.9902
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo(a)anthra	1.388	1.262	1.276	1.371	1.412	1.405	1.471	1.488	1.379	1.384	5.50
106)	T	3,3'-Dichlorob			0.307	0.362	0.437	0.462	0.517	0.540	0.532	0.451	19.78
107)	T	Chrysene	1.681	1.560	1.568	1.456	1.383	1.265	1.292	1.315	1.293	1.424	10.52
108)	T	Bis(2-ethylhex		0.325	0.387	0.414	0.544	0.621	0.773	0.826	0.832	*Q	0.9965

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphth			0.523	0.540	0.745	0.914	1.235	1.392		*Q	0.9959
110)	T	Benzo(b)fluora	1.016	0.959	1.158	1.210	1.236	1.240	1.282	1.268	1.262	1.181	9.87
111)	T	Benzo(k)fluora	0.965	1.115	1.339	1.202	1.343	1.208	1.240	1.272	1.237	1.214	9.61
112)	T	Benzo(a)pyrene	0.900	0.854	1.062	1.047	1.169	1.153	1.201	1.210	1.203	1.089	12.32
113)	I	IS1_Perylene-d12	----------ISTD----------										
114)	T	Indeno(1,2,3-c	0.854	0.627	0.831	0.887	1.051	1.040	1.115	1.096	1.137	0.960	17.77
115)	T	Dibenzo(a,h)an	0.718	0.793	0.961	1.006	1.085	1.053	1.098	1.113	1.140	0.996	14.90
116)	T	Benzo(ghi)pery	1.054	0.946	1.116	1.121	1.145	1.118	1.137	1.042	0.914	1.066	7.96

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: SV107	Calibration Date	: 07/18/25 11:45
Lab File ID	: ABN0718	Init. Calib. Date(s)	: 06/19/25 06/20/25
Sample No	: WG2092337-3	Init. Calib. Times	: 14:15 05:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	88	0
n-Nitrosodimethylamine	0.752	0.689	-	8.4	20	81	0
Pyridine	1.306	1.179	-	9.7	20	75	0
2-Fluorophenol	1.134	1.01	-	10.9	20	78	0
Aniline	1.783	1.586	-	11	20	73	0
2-Chlorophenol	1.224	1.116	-	8.8	20	78	0
Phenol-d6	1.396	1.224	-	12.3	20	76	0
Phenol	1.545	1.329	-	14	20	75	0
Bis(2-chloroethyl)ether	1.249	1.03	-	17.5	20	75	0
1,3-Dichlorobenzene	1.63	1.338	-	17.9	20	75	0
1,4-Dichlorobenzene	1.697	1.365	-	19.6	20	75	0
1,2-Dichlorobenzene	1.621	1.314	-	18.9	20	75	0
Benzyl alcohol	0.985	0.795	-	19.3	20	71	0
Bis(2-chloroisopropyl)ethe	1.801	1.437	-	20.2*	20	73	0
2-Methylphenol	1.157	0.965	-	16.6	20	75	0
Hexachloroethane	0.58	0.486	-	16.2	20	76	0
n-Nitrosodi-n-propylamine	0.899	0.747	-	16.9	20	72	0
3-Methylphenol/4-Methylphe	1.184	1.202	-	-1.5	20	88	0
Nitrobenzene-d5	1.166	1.266	-	-8.6	20	89	0
Nitrobenzene	1.251	1.098	-	12.2	20	75	0
Isophorone	2.444	2.039	-	16.6	20	72	0
2-Nitrophenol	5	5.453	-	-9.1	20	99	0
2,4-Dimethylphenol	1.297	1.123	-	13.4	20	75	0
Bis(2-chloroethoxy)methane	1.637	1.368	-	16.4	20	75	0
2,4-Dichlorophenol	1.165	1.054	-	9.5	20	77	0
1,2,4-Trichlorobenzene	1.545	1.25	-	19.1	20	76	0
IS1_Naphthalene-d8	1	1	-	0	20	88	0
Naphthalene	1.103	0.887	-	19.6	20	75	0
Benzoic Acid	5	5.67	-	-13.4	20	118	0
4-Chloroaniline	0.134	0.103	-	23.1*	20	64	0
Hexachlorobutadiene	0.242	0.19	-	21.5*	20	75	0
p-Chloro-m-cresol	0.285	0.256	-	10.2	20	77	0
2-Methylnaphthalene	0.659	0.654	-	0.8	20	90	0
1-Methylnaphthalene	0.256	0.193	-	24.6*	20	71	0
Hexachlorocyclopentadiene	0.235	0.237	-	-0.9	20	93	0
2,4,6-Trichlorophenol	0.235	0.224	-	4.7	20	81	0
2,4,5-Trichlorophenol	0.254	0.251	-	1.2	20	87	0
2-Fluorobiphenyl	0.934	0.761	-	18.5	20	76	0
2-Chloronaphthalene	0.763	0.63	-	17.4	20	77	0
2-Nitroaniline	0.208	0.183	-	12	20	78	0
1,4-Dinitrobenzene	5	5.246	-	-4.9	20	102	0
1,3-Dinitrobenzene	5	5.012	-	-0.2	20	92	0
Dimethyl phthalate	0.883	0.9	-	-1.9	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV107		Calibration Date	: 07/18/25 11:45	
Lab File ID	: ABN0718		Init. Calib. Date(s)	: 06/19/25	06/20/25
Sample No	: WG2092337-3		Init. Calib. Times	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.203	1.062	-	11.7	20	77	0
2,6-Dinitrotoluene	0.16	0.165	-	-3.1	20	87	0
1,2-Dinitrobenzene	0.071	0.074	-	-4.2	20	91	0
IS1_Acenaphthene-d10	1	1	-	0	20	90	0
3-Nitroaniline	0.298	0.282	-	5.4	20	85	0
Acenaphthene	1.17	0.936	-	20	20	78	0
2,4-Dinitrophenol	5	7.253	-	-45.1*	20	144	0
Dibenzofuran	1.997	1.591	-	20.3*	20	77	0
2,4-Dinitrotoluene	5	4.713	-	5.7	20	93	0
4-Nitrophenol	0.24	0.201	-	16.2	20	79	0
2,3,5,6-Tetrachlorophenol	0.339	0.336	-	0.9	20	91	0
2,3,4,6-Tetrachlorophenol	0.377	0.325	-	13.8	20	75	0
Diethyl phthalate	1.396	1.21	-	13.3	20	79	0
Fluorene	1.481	1.267	-	14.4	20	80	0
4-Chlorophenyl phenyl ethe	0.757	0.588	-	22.3*	20	75	0
4-Nitroaniline	0.298	0.308	-	-3.4	20	94	0
4,6-Dinitro-o-cresol	5	7.137	-	-42.7*	20	145	0
NDPA/DPA	1.269	1.093	-	13.9	20	80	0
Azobenzene	1.326	1.045	-	21.2*	20	71	0
2,4,6-Tribromophenol	0.175	0.185	-	-5.7	20	95	0
4-Bromophenyl phenyl ether	0.442	0.475	-	-7.5	20	102	0
Hexachlorobenzene	0.488	0.502	-	-2.9	20	101	0
Pentachlorophenol	5	4.778	-	4.4	20	95	0
IS1_Phenanthrene-d10	1	1	-	0	20	93	0
Phenanthrene	1.233	0.953	-	22.7*	20	78	0
Anthracene	1.175	0.949	-	19.2	20	78	0
Carbazole	1.076	0.869	-	19.2	20	76	0
Di-n-butylphthalate	5	3.974	-	20.5*	20	86	0
Fluoranthene	1.336	1.123	-	15.9	20	80	0
Benzidine	5	4.24	-	15.2	20	92	0
Pyrene	1.432	1.163	-	18.8	20	79	0
4-Terphenyl-d14	1	0.836	-	16.4	20	81	0
Butyl benzyl phthalate	5	5.359	-	-7.2	20	108	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.384	1.157	-	16.4	20	76	0
3,3'-Dichlorobenzidine	0.451	0.424	-	6	20	84	0
Chrysene	1.424	1.07	-	24.9*	20	78	0
Bis(2-ethylhexyl)phthalate	5	4.619	-	7.6	20	97	0
Di-n-octylphthalate	5	5.311	-	-6.2	20	108	0
Benzo(b)fluoranthene	1.181	1.094	-	7.4	20	81	0
Benzo(k)fluoranthene	1.214	1.067	-	12.1	20	81	0
Benzo(a)pyrene	1.089	1.008	-	7.4	20	80	0
IS1_Perylene-d12	1	1	-	0	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2543949	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV107		**Calibration Date**	: 07/18/25 11:45	
Lab File ID	: ABN0718		**Init. Calib. Date(s)**	: 06/19/25	06/20/25
Sample No	: WG2092337-3		**Init. Calib. Times**	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.96	1.052	-	-9.6	20	95	0
Dibenzo(a,h)anthracene	0.996	0.97	-	2.6	20	87	0
Benzo(ghi)perylene	1.066	1.012	-	5.1	20	85	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
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Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within the USEPS SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for pentachlorophenol and indeno(1,2,3-cd)pyrene were above the allowable maximum (20%) on 07-16-25 (WG2091332-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2091137-1BLANK contained traces of benzo(a)anthracene (0.04 ug/L), dibenzo(a,h)anthracene (0.06 ug/L), pentachlorophenol (0.18 ug/L), and hexachlorobenzene (0.02 ug/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091137-2/3.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2091137-1	Date Collected	: NA
Client ID	: WG2091137-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/16/25 17:29
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 091137-1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	0.06	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV120		Calibration Date	: 07/16/25 10:25	
Lab File ID	: CCV0716A		Init. Calib. Date(s)	: 07/03/25	07/03/25
Sample No	: WG2091332-3		Init. Calib. Times	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	89	0
N-Nitrosodimethylamine	0.65	0.625	.05	3.8	20	85	0
2-Fluorophenol	1.059	1.094	.05	-3.3	20	90	0
Phenol-d6	1.308	1.375	.05	-5.1	20	92	0
Bis(2-chloroethyl)ether	1.132	1.103	.05	2.6	20	86	0
n-nitrosodi-n-propylamine	0.77	0.723	.05	6.1	20	81	0
Hexachloroethane	0.47	0.49	.05	-4.3	20	92	0
Nitrobenzene-d5	0.938	1.081	.05	-15.2	20	98	0
Naphthalene-d8	1	1	.05	0	20	90	0
Naphthalene	1.003	0.935	.05	6.8	20	86	0
Hexachlorobutadiene	0.191	0.187	.05	2.1	20	88	0
2-Methylnaphthalene	0.617	0.6	.05	2.8	20	87	0
1-Methylnaphthalene	0.647	0.613	.05	5.3	20	85	0
2-Fluorobiphenyl	0.824	0.786	.05	4.6	20	85	0
2-Chloronaphthalene	0.686	0.645	.05	6	20	84	0
2,6-Dinitrotoluene	1000	952.439	.05	4.8	20	97	0
Acenaphthylene	1.068	1.036	.05	3	20	82	0
Acenaphthene-d10	1	1	.05	0	20	87	0
Acenaphthene	1.231	1.173	.05	4.7	20	83	0
2,4-Dinitrotoluene	1000	983.629	.05	1.6	20	96	0
Fluorene	1.381	1.347	.05	2.5	20	82	0
2,4,6-Tribromophenol	1000	1168.226	.05	-16.8	20	108	0
Phenanthrene-d10	1	1	.05	0	20	87	0
4,6-Dinitro-o-cresol	1000	1256.894	.05	-25.7*	20	116	0
Hexachlorobenzene	0.232	0.232	.05	0	20	87	0
Pentachlorophenol	1000	1351.751	.05	-35.2*	20	126	0
Phenanthrene	1.068	0.991	.05	7.2	20	82	0
Anthracene	1.029	0.97	.05	5.7	20	80	0
Fluoranthene	1.156	1.083	.05	6.3	20	78	0
Pyrene	1.203	1.127	.05	6.3	20	77	0
Benzidine	1000	535.005	.05	46.5*	20	56	0
4-Terphenyl-d14	0.83	0.787	.05	5.2	20	77	0
Chrysene-d12	1	1	.05	0	20	80	0
Benzo[a]anthracene	1000	945.274	.05	5.5	20	76	0
3,3'-Dichlorobenzidine	1000	891.56	.05	10.8	20	79	0
Chrysene	1.25	1.172	.05	6.2	20	75	0
Bis(2-ethylhexyl)phthalate	1000	941.174	.05	5.9	20	78	0
Perylene-d12	1	1	.05	0	20	78	0
Benzo[b]fluoranthene	0.995	1.143	.05	-14.9	20	83	0
Benzo[k]fluoranthene	1.096	1.149	.05	-4.8	20	70	0
Benzo[a]pyrene	0.893	1	.05	-12	20	76	0
Indeno[1,2,3-cd]pyrene	0.7	0.841	.05	-20.1*	20	87	0
Dibenzo[a,h]anthracene	1000	1048.702	.05	-4.9	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2543949	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV120		**Calibration Date**	: 07/16/25 10:25	
Lab File ID	: CCV0716A		**Init. Calib. Date(s)**	: 07/03/25	07/03/25
Sample No	: WG2091332-3		**Init. Calib. Times**	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	0.845	0.958	.05	-13.4	20	79	0

* Value outside of QC limits.

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane and not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091265-2/3.

Compound ID: Checked surrogate results were within quantitation limits.

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Pesticide Data Section

ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The percent recoveries for target pesticides were within QC limits, but relative percent difference for endrin ketone was above the allowable maximum for aqueous MS/MSD sample MW-1. Sample MW-1 reported endrin ketone as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2090943-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %D for methoxychlor was above the allowable maximum (20%) for the B channel on 07-16-25 (11250716a-37). Positive results for methoxychlor should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported single component pesticides as not detected.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

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Matrix Spike Sample Summary
Form 3
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/16/25 08:46
Matrix Spike	: WG2090943-4	MS Analysis Date	: 07/16/25 08:58
Matrix Spike Dup	: WG2090943-5	MSD Analysis Date	: 07/16/25 09:11

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Delta-BHC	ND	0.5	0.272	54	0.5	0.282	56	4	30-150	30
Lindane	ND	0.5	0.382	76	0.5	0.403	81	5	30-150	30
Alpha-BHC	ND	0.5	0.380	76	0.5	0.401	80	5	30-150	30
Beta-BHC	ND	0.5	0.371	74	0.5	0.379	76	2	30-150	30
Heptachlor	ND	0.5	0.302	60	0.5	0.384	77	24	30-150	30
Aldrin	ND	0.5	0.267	53	0.5	0.333	67	22	30-150	30
Heptachlor epoxide	ND	0.5	0.351	70	0.5	0.409	82	15	30-150	30
Endrin	ND	0.5	0.361	72	0.5	0.402	80	11	30-150	30
Endrin aldehyde	ND	0.5	0.300	60	0.5	0.318	64	6	30-150	30
Endrin ketone	ND	0.5	0.304	61	0.5	0.427	85	34 Q	30-150	30
Dieldrin	ND	0.5	0.343	69	0.5	0.398	80	15	30-150	30
4,4'-DDE	ND	0.5	0.314	63	0.5	0.395	79	23	30-150	30
4,4'-DDD	ND	0.5	0.342	68	0.5	0.398	80	15	30-150	30
4,4'-DDT	ND	0.5	0.385	77	0.5	0.425	85	10	30-150	30
Endosulfan I	ND	0.5	0.288	58	0.5	0.384	77	29	30-150	30
Endosulfan II	ND	0.5	0.345	69	0.5	0.394	79	13	30-150	30
Endosulfan sulfate	ND	0.5	0.325	65	0.5	0.355	71	9	30-150	30
Methoxychlor	ND	0.5	0.326	65	0.5	0.375	75	14	30-150	30
cis-Chlordane	ND	0.5	0.284	57	0.5	0.361	72	24	30-150	30
trans-Chlordane	ND	0.5	0.345	69	0.5	0.382	76	10	30-150	30

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST11		Calibration Date	: 07/16/25 12:45	
Lab File ID	: 11250716a-37		Init. Calib. Date(s)	: 07/09/25	07/09/25
Sample No	: WG2091205-4		Init. Calib. Times	: 12:46	17:34
Channel	: B				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	144	0
2,4,5,6-Tetrachloro-m-xyl	1.529	1.301	-	14.9	20	129	0
Hexachlorobenzene	1.609	1.378	-	14.4	20	133	0
alpha-BHC	1.619	1.779	-	-9.9	20	161	0
gamma-BHC (lindane)	1.478	1.535	-	-3.9	20	158	0
beta-BHC	0.695	0.726	-	-4.5	20	163	0
delta-BHC	1.457	1.625	-	-11.5	20	165	0
Heptachlor	1.307	1.262	-	3.4	20	147	0
Aldrin	1.492	1.585	-	-6.2	20	159	0
Alachlor	0.188	0.188	-	0	20	149	0
Chlorpyrifos	0.652	0.638	-	2.1	20	160	0
Heptachlor Epoxide	1.232	1.281	-	-4	20	160	0
gamma-Chlordane (trans)	1.417	1.495	-	-5.5	20	162	0
alpha-Chlordane (cis)	1.403	1.444	-	-2.9	20	160	0
4,4'-DDE	1.412	1.5	-	-6.2	20	160	0
Endosulfan I	1.244	1.306	-	-5	20	162	0
Dieldrin	1.417	1.398	-	1.3	20	160	0
Endrin	1.193	1.182	-	0.9	20	151	0
4,4'-DDD	1.028	1.003	-	2.4	20	150	0
Endosulfan II	1.101	1.057	-	4	20	150	0
4,4'-DDT	1.033	0.892	-	13.6	20	136	0
Endrin Aldehyde	0.901	0.834	-	7.4	20	144	0
Methoxychlor	0.586	0.444	-	24.2*	20	123	0
Mirex	0.943	0.721	-	23.5*	20	127	0
Endosulfan Sulfate	1.078	0.946	-	12.2	20	141	0
Endrin Ketone	1.192	0.97	-	18.6	20	129	0
Decachlorobiphenyl	1.147	0.758	-	33.9*	20	110	0

* Value outside of QC limits.

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2091158-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of ground water samples reported target compounds as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: Method blank WG2092151-1BLANK contained a trace of 6:2FTS (1.86 ng/L). Positive results for 6:2FTS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for 6:2FTS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Surrogate Recovery: Three of eighteen surrogate recoveries for sample MW-1 were above QC limits. One of eighteen surrogate recoveries for samples MW-2 and MW-5 was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous sample WG2092151-3.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-1 (L2543949-01)	108	105	134*	96	99	148*	108
MW-2 (L2543949-02)	95	99	120	83	85	140*	95
MW-5 (L2543949-03)	92	88	112	69	71	127	81
25FB-1 (L2543949-04)	99	93	116	87	91	130	100
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-1BLANK	108	102	131	99	100	143*	110
WG2092151-2LCS	99	93	129	90	90	139*	105
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-1MS	100	99	126	86	86	139*	93
MW-1MSD	121	124	147*	106	109	160*	123

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(62-129) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-1 (L2543949-01)	154*	86	100	97	111	79	85
MW-2 (L2543949-02)	124	84	102	91	110	104	88
MW-5 (L2543949-03)	166*	65	89	69	102	63	61
25FB-1 (L2543949-04)	100	90	98	97	103	92	92
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-1BLANK	121	99	108	106	119	95	95
WG2092151-2LCS	122	84	106	96	122	93	89
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-1MS	143	73	99	90	106	82	83
MW-1MSD	159*	98	114	107	120	96	89

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(55-137) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-1 (L2543949-01)	19	81	82	85	--	--	--	3
MW-2 (L2543949-02)	14	94	84	78	--	--	--	1
MW-5 (L2543949-03)	15	56	57	57	--	--	--	1
25FB-1 (L2543949-04)	25	94	85	82	--	--	--	0
WG2092151-1BLANK	86	NA	NA	NA	--	--	--	0
WG2092151-1BLANK	30	97	87	78	--	--	--	1
WG2092151-2LCS	26	81	78	64	--	--	--	1
WG2092151-2LCS	80	NA	NA	NA	--	--	--	0
MW-1MS	28	72	77	74	--	--	--	1
MW-1MSD	18	90	85	90	--	--	--	3

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.86	2.00	1.33	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/22/25 10:42
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250722_09	Analyst	: PS
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U

Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2092062-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %D for 2,4-D was above the allowable maximum (15%) for channel A on 07-19-25 (15250719a-01). The %D for 2,4,5-T was above the allowable maximum (15%) for channel B on 07-19-25 (15250719a-01). Positive results for these herbicides should be considered estimated (J) in associated samples.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported target herbicides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	99	0
Dalapon	0.182	0.227	-	-24.7*	15	121	0
DCAA (surrogate)	0.187	0.195	-	-4.3	15	104	0
Dicamba	0.596	0.602	-	-1	15	102	0
MCPP	18.8	13.428	-	28.6*	15	71	0
MCPA	18.6	14.746	-	20.7*	15	79	0
Dichloroprop	0.19	0.194	-	-2.1	15	101	0
2,4-D	0.22	0.093	-	57.7*	15	43	0
2,4,5-TP (Silvex)	0.79	0.81	-	-2.5	15	103	0
2,4,5-T	0.759	0.838	-	-10.4	15	113	0
2,4-DB	0.127	0.118	-	7.1	15	95	0
Dinoseb	0.405	0.694	-	-71.4*	15	172	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	97	0
Dalapon	0.182	0.196	-	-7.7	15	106	0
DCAA (surrogate)	0.194	0.188	-	3.1	15	96	0
Dicamba	0.605	0.587	-	3	15	96	0
MCPP	0.00069	0.00069	-	0	15	99	0
MCPA	0.00119	0.00117	-	1.7	15	98	0
Dichloroprop	0.19	0.184	-	3.2	15	96	0
2,4-D	0.235	0.226	-	3.8	15	96	0
2,4,5-TP (Silvex)	0.854	0.774	-	9.4	15	89	0
2,4,5-T	0.821	0.648	-	21.1*	15	79	0
2,4-DB	0.13	0.112	-	13.8	15	87	0
Dinoseb	0.424	0.476	-	-12.3	15	112	0

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: One of two percent recoveries for potassium was above control limits (75-125%) for aqueous MS/MSD sample MW-1. Positive results for potassium should be considered estimated, biased high (J+) in associated aqueous samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous MS/MSD sample MW-1, as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2093714-2 and WG2093718-2.

Serial Dilution: The %D for the magnesium was above the allowable maximum (10%) for aqueous serial dilution sample MW-1. Positive results for magnesium that are above the RL should be considered estimated (J) in associated aqueous samples.

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Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix	: WATER
Lab Sample ID	: L2543949-01		
Matrix Spike	: WG2093714-3	MS Analysis Date	: 08/01/25 16:50
Matrix Spike Dup	: WG2093714-4	MSD Analysis Date	: 08/01/25 16:55

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	0.0146	2	2.12	105	2	2.12	105	0	75-125	20
Antimony, Total	ND	0.5	0.5022	100	0.5	0.5222	104	4	75-125	20
Arsenic, Total	0.00310	0.12	0.1373	112	0.12	0.1356	110	1	75-125	20
Barium, Total	0.3138	2	2.383	103	2	2.461	107	3	75-125	20
Beryllium, Total	ND	0.05	0.04945	99	0.05	0.05141	103	4	75-125	20
Cadmium, Total	ND	0.053	0.05473	103	0.053	0.05605	106	2	75-125	20
Calcium, Total	238.	10	245.	NA	10	242.	NA	1	75-125	20
Chromium, Total	0.00039J	0.2	0.2157	108	0.2	0.2190	110	2	75-125	20
Cobalt, Total	0.00115	0.5	0.5289	106	0.5	0.5442	109	3	75-125	20
Copper, Total	0.00052J	0.25	0.2673	107	0.25	0.2686	107	0	75-125	20
Iron, Total	35.1	1	36.7	NA	1	36.3	120	1	75-125	20
Lead, Total	0.00446	0.53	0.5790	108	0.53	0.5881	110	2	75-125	20
Magnesium, Total	49.0	10	75.3	NA	10	76.0	NA	1	75-125	20
Manganese, Total	0.9205	0.5	1.459	108	0.5	1.455	107	0	75-125	20
Nickel, Total	0.00111J	0.5	0.5386	108	0.5	0.5443	109	1	75-125	20
Potassium, Total	32.8	10	48.2	154 Q	10	43.0	102	11	75-125	20
Selenium, Total	ND	0.12	0.128	107	0.12	0.134	112	5	75-125	20
Silver, Total	ND	0.05	0.05182	104	0.05	0.05349	107	3	75-125	20
Sodium, Total	188.	10	216.	NA	10	215.	NA	0	75-125	20
Thallium, Total	ND	0.12	0.1235	103	0.12	0.1295	108	5	75-125	20
Vanadium, Total	ND	0.5	0.5456	109	0.5	0.5411	108	1	75-125	20
Zinc, Total	0.00685J	0.5	0.5296	106	0.5	0.5302	106	0	75-125	20

NA - The sample concentration was greater than 4X the spiking level; therefore, the %R is not applicable.

Form 8
Serial Dilutions

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix	: WATER
Lab Sample ID	: L2543949-01	Analysis Date	: 08/01/25 16:45
Serial Dilution ID	: WG2093714-6	Analysis Date	: 08/01/25 17:06

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Barium, Total	0.3138	0.2945	6	20
Calcium, Total	238.	226.	5	20
Iron, Total	35.1	34.0	3	20
Magnesium, Total	49.0	62.0	27*	20
Manganese, Total	0.9205	0.8816	4	20
Potassium, Total	32.8	30.9	6	20
Sodium, Total	188.	196.	4	20

ALPHA GEOSCIENCE

Geology
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Water Supply

September 26, 2025

Ms. Ezgi Karayel
Principal
vEKtor consultants
37 W 37th Street, 6th Floor
New York, NY 10018

Re: Data Validation Report
601-607 Union St
July 2025 Ground Water and Soil Vapor Sampling Events

Dear Ms. Karayel,

The Data Usability Summary Reports are attached to this letter for the 601-607 Union Street site, July 2025 ground water and soil vapor sampling events. The data for Pace Analytical Services SDG numbers L2542672, L2543949, L2544316, and L2544658 are mostly acceptable, with issues that are identified in the DUSR and QA/QC review summaries. There are data that are rejected, unusable (R) in data packs L2543949, L2544316, and L2544658. The DUSRs and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

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Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

L2542672

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG: No: L2542672

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected July 8, 2025

Prepared by: Donald Anné
September 26, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contained the results of TO15 volatile analyses for 6 soil vapor samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The volatile result for tertiary butyl alcohol (TBA) in sample 25 SV-4 was quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for TBA marked "E" in the undiluted sample was qualified as estimated (J).

- The positive volatile results for the following 10 compounds were qualified as estimated (J) for samples 25 SV-2 and 25 DUP-1 because the relative percent differences for these 10 compounds were above the allowable maximum for the soil vapor/air field duplicate pair 25 SV-2/25 DUP-1.

1,3-butadiene	acetone	isopropanol	tertiary butyl alcohol
carbon disulfide	2-butanone	benzene	cyclohexane
2-hexanone	tetrachloroethene		

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	4.35	--	ND	21.5	--	U
74-87-3	Chloromethane	ND	4.35	--	ND	8.98	--	U
76-14-2	Freon-114	ND	4.35	--	ND	30.4	--	U
75-01-4	Vinyl chloride	ND	4.35	--	ND	11.1	--	U
106-99-0	1,3-Butadiene	ND	4.35	--	ND	9.62	--	U
74-83-9	Bromomethane	ND	4.35	--	ND	16.9	--	U
75-00-3	Chloroethane	ND	4.35	--	ND	11.5	--	U
64-17-5	Ethanol	ND	109	--	ND	205	--	U
593-60-2	Vinyl bromide	ND	4.35	--	ND	19.0	--	U
67-64-1	Acetone	ND	21.8	--	ND	51.8	--	U
75-69-4	Trichlorofluoromethane	ND	4.35	--	ND	24.4	--	U
67-63-0	Isopropanol	ND	21.8	--	ND	53.6	--	U
75-35-4	1,1-Dichloroethene	ND	4.35	--	ND	17.2	--	U
75-65-0	Tertiary butyl Alcohol	13.3	10.9	--	40.3	33.0	--	
75-09-2	Methylene chloride	ND	10.9	--	ND	37.9	--	U
107-05-1	3-Chloropropene	ND	4.35	--	ND	13.6	--	U
75-15-0	Carbon disulfide	7.66	4.35	--	23.9	13.5	--	
76-13-1	Freon-113	ND	4.35	--	ND	33.3	--	U
156-60-5	trans-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--	U
75-34-3	1,1-Dichloroethane	ND	4.35	--	ND	17.6	--	U
1634-04-4	Methyl tert butyl ether	ND	4.35	--	ND	15.7	--	U
78-93-3	2-Butanone	ND	10.9	--	ND	32.1	--	U
156-59-2	cis-1,2-Dichloroethene	ND	4.35	--	ND	17.2	--	U
141-78-6	Ethyl Acetate	ND	10.9	--	ND	39.3	--	U
67-66-3	Chloroform	ND	4.35	--	ND	21.2	--	U
109-99-9	Tetrahydrofuran	ND	10.9	--	ND	32.1	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	4.35	--	ND	17.6	--	U
110-54-3	n-Hexane	45.8	4.35	--	161	15.3	--	
71-55-6	1,1,1-Trichloroethane	ND	4.35	--	ND	23.7	--	U
71-43-2	Benzene	ND	4.35	--	ND	13.9	--	U
56-23-5	Carbon tetrachloride	ND	4.35	--	ND	27.4	--	U
110-82-7	Cyclohexane	47.5	4.35	--	164	15.0	--	
78-87-5	1,2-Dichloropropane	ND	4.35	--	ND	20.1	--	U
75-27-4	Bromodichloromethane	ND	4.35	--	ND	29.1	--	U
123-91-1	1,4-Dioxane	ND	4.35	--	ND	15.7	--	U
79-01-6	Trichloroethene	ND	4.35	--	ND	23.4	--	U
540-84-1	2,2,4-Trimethylpentane	964	4.35	--	4500	20.3	--	
142-82-5	Heptane	5.72	4.35	--	23.4	17.8	--	
10061-01-5	cis-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--	U
108-10-1	4-Methyl-2-pentanone	24.0	10.9	--	98.4	44.7	--	
10061-02-6	trans-1,3-Dichloropropene	ND	4.35	--	ND	19.7	--	U
79-00-5	1,1,2-Trichloroethane	ND	4.35	--	ND	23.7	--	U
108-88-3	Toluene	6.44	4.35	--	24.3	16.4	--	
591-78-6	2-Hexanone	ND	4.35	--	ND	17.8	--	U
124-48-1	Dibromochloromethane	ND	4.35	--	ND	37.1	--	U
106-93-4	1,2-Dibromoethane	ND	4.35	--	ND	33.4	--	U
127-18-4	Tetrachloroethene	ND	4.35	--	ND	29.5	--	U
108-90-7	Chlorobenzene	ND	4.35	--	ND	20.0	--	U
100-41-4	Ethylbenzene	ND	4.35	--	ND	18.9	--	U
179601-23-1	p/m-Xylene	11.7	8.70	--	50.8	37.8	--	
75-25-2	Bromoform	ND	4.35	--	ND	45.0	--	U
100-42-5	Styrene	ND	4.35	--	ND	18.5	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-01D	Date Collected	: 07/08/25 20:06
Client ID	: 25 SV-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 22:44
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 21.76
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243355	Instrument ID	: AIRLAB24
Sample Amount	: 11.5 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.35	--	ND	29.9	--	U
95-47-6	o-Xylene	5.18	4.35	--	22.5	18.9	--	
622-96-8	4-Ethyltoluene	ND	4.35	--	ND	21.4	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	4.35	--	ND	21.4	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	4.35	--	ND	21.4	--	U
100-44-7	Benzyl chloride	ND	4.35	--	ND	22.5	--	U
541-73-1	1,3-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
106-46-7	1,4-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
95-50-1	1,2-Dichlorobenzene	ND	4.35	--	ND	26.2	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.35	--	ND	32.3	--	U
91-20-3	Naphthalene	ND	4.13	--	ND	21.7	--	U
87-68-3	Hexachlorobutadiene	ND	4.35	--	ND	46.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.448	0.400	--	2.22	1.98	--	
74-87-3	Chloromethane	ND	0.400	--	ND	0.826	--	U
76-14-2	Freon-114	ND	0.400	--	ND	2.80	--	U
75-01-4	Vinyl chloride	ND	0.400	--	ND	1.02	--	U
106-99-0	1,3-Butadiene	2.48	0.400	--	5.49	0.885	--	J
74-83-9	Bromomethane	ND	0.400	--	ND	1.55	--	U
75-00-3	Chloroethane	ND	0.400	--	ND	1.06	--	U
64-17-5	Ethanol	ND	10.0	--	ND	18.8	--	U
593-60-2	Vinyl bromide	ND	0.400	--	ND	1.75	--	U
67-64-1	Acetone	45.2	2.00	--	107	4.75	--	J
75-69-4	Trichlorofluoromethane	ND	0.400	--	ND	2.25	--	U
67-63-0	Isopropanol	2.23	2.00	--	5.48	4.92	--	J
75-35-4	1,1-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-65-0	Tertiary butyl Alcohol	25.9	1.00	--	78.5	3.03	--	J
75-09-2	Methylene chloride	ND	1.00	--	ND	3.47	--	U
107-05-1	3-Chloropropene	ND	0.400	--	ND	1.25	--	U
75-15-0	Carbon disulfide	124	0.400	--	386	1.25	--	J
76-13-1	Freon-113	ND	0.400	--	ND	3.07	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-34-3	1,1-Dichloroethane	ND	0.400	--	ND	1.62	--	U
1634-04-4	Methyl tert butyl ether	ND	0.400	--	ND	1.44	--	U
78-93-3	2-Butanone	5.07	1.00	--	15.0	2.95	--	J
156-59-2	cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
141-78-6	Ethyl Acetate	ND	1.00	--	ND	3.60	--	U
67-66-3	Chloroform	ND	0.400	--	ND	1.95	--	U
109-99-9	Tetrahydrofuran	ND	1.00	--	ND	2.95	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.400	--	ND	1.62	--	U
110-54-3	n-Hexane	3.25	0.400	--	11.5	1.41	--	
71-55-6	1,1,1-Trichloroethane	4.28	0.400	--	23.4	2.18	--	
71-43-2	Benzene	6.35	0.400	--	20.3	1.28	--	J
56-23-5	Carbon tetrachloride	ND	0.400	--	ND	2.52	--	U
110-82-7	Cyclohexane	0.930	0.400	--	3.20	1.38	--	J
78-87-5	1,2-Dichloropropane	ND	0.400	--	ND	1.85	--	U
75-27-4	Bromodichloromethane	ND	0.400	--	ND	2.68	--	U
123-91-1	1,4-Dioxane	ND	0.400	--	ND	1.44	--	U
79-01-6	Trichloroethene	ND	0.400	--	ND	2.15	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--	U
142-82-5	Heptane	2.36	0.400	--	9.67	1.64	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--	U
108-88-3	Toluene	6.20	0.400	--	23.4	1.51	--	
591-78-6	2-Hexanone	0.816	0.400	--	3.34	1.64	--	J
124-48-1	Dibromochloromethane	ND	0.400	--	ND	3.41	--	U
106-93-4	1,2-Dibromoethane	ND	0.400	--	ND	3.07	--	U
127-18-4	Tetrachloroethene	6.90	0.400	--	46.8	2.71	--	J
108-90-7	Chlorobenzene	ND	0.400	--	ND	1.84	--	U
100-41-4	Ethylbenzene	1.42	0.400	--	6.17	1.74	--	
179601-23-1	p/m-Xylene	4.51	0.800	--	19.6	3.47	--	
75-25-2	Bromoform	ND	0.400	--	ND	4.14	--	U
100-42-5	Styrene	ND	0.400	--	ND	1.70	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-02D	Date Collected	: 07/08/25 20:09
Client ID	: 25 SV-2	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/21/25 23:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243356	Instrument ID	: AIRLAB24
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--	U
95-47-6	o-Xylene	2.20	0.400	--	9.56	1.74	--	
622-96-8	4-Ethyltoluene	0.504	0.400	--	2.48	1.97	--	
108-67-8	1,3,5-Trimethylbenzene	0.904	0.400	--	4.44	1.97	--	
95-63-6	1,2,4-Trimethylbenzene	3.01	0.400	--	14.8	1.97	--	
100-44-7	Benzyl chloride	ND	0.400	--	ND	2.07	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--	U
91-20-3	Naphthalene	0.702	0.380	--	3.68	1.99	--	
87-68-3	Hexachlorobutadiene	ND	0.400	--	ND	4.27	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.212	0.200	--	1.05	0.989	--	
74-87-3	Chloromethane	0.222	0.200	--	0.458	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	11.2	5.00	--	21.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	239	1.00	--	568	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	2.93	1.00	--	7.20	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	89.6	0.500	--	272	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	6.73	0.200	--	21.0	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	15.2	0.500	--	44.8	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	7.24	0.200	--	25.5	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	17.6	0.200	--	56.2	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	2.57	0.200	--	8.85	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	3.45	0.200	--	14.1	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	9.81	0.200	--	37.0	0.754	--	
591-78-6	2-Hexanone	2.28	0.200	--	9.34	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	4.98	0.200	--	21.6	0.869	--	
179601-23-1	p/m-Xylene	6.02	0.400	--	26.1	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-03	Date Collected	: 07/08/25 20:02
Client ID	: 25 SV-3	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:00
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243357	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	3.20	0.200	--	13.9	0.869	--	
622-96-8	4-Ethyltoluene	0.536	0.200	--	2.64	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.357	0.200	--	1.76	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	0.672	0.200	--	3.30	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
75-71-8	Dichlorodifluoromethane	0.483	0.200	--	2.39	0.989	--		
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U	
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U	
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U	
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U	
64-17-5	Ethanol	12.6	5.00	--	23.7	9.42	--		
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U	
67-64-1	Acetone	266	1.00	--	632	2.38	--		
75-69-4	Trichlorofluoromethane	0.335	0.200	--	1.88	1.12	--		
67-63-0	Isopropanol	3.01	1.00	--	7.40	2.46	--		
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
75-65-0	Tertiary butyl Alcohol	104	0.500	--	315	1.52	--	E	J
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U	
75-15-0	Carbon disulfide	0.229	0.200	--	0.713	0.623	--		
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U	
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U	
78-93-3	2-Butanone	11.8	0.500	--	34.8	1.47	--		
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U	
67-66-3	Chloroform	0.543	0.200	--	2.65	0.977	--		
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.394	0.200	--	1.39	0.705	--	
71-55-6	1,1,1-Trichloroethane	0.231	0.200	--	1.26	1.09	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.759	0.200	--	3.11	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.446	0.200	--	1.68	0.754	--	
591-78-6	2-Hexanone	2.42	0.200	--	9.92	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	1.15	0.200	--	7.80	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.440	0.200	--	1.91	0.869	--	
179601-23-1	p/m-Xylene	2.12	0.400	--	9.21	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 00:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243358	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.20	0.200	--	5.21	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	0.265	0.200	--	1.30	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	0.588	0.200	--	2.89	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-04D	Date Collected	: 07/08/25 20:03
Client ID	: 25 SV-4	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 08:39
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.5
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243369	Instrument ID	: AIRLAB24
Sample Amount	: 100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-65-0	Tertiary butyl Alcohol	109	1.25	--	330	3.79	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.438	0.200	--	2.17	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	0.271	0.200	--	0.600	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	5.51	5.00	--	10.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	67.6	1.00	--	161	2.38	--	
75-69-4	Trichlorofluoromethane	0.264	0.200	--	1.48	1.12	--	
67-63-0	Isopropanol	6.91	1.00	--	17.0	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	15.8	0.500	--	47.9	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.658	0.200	--	2.05	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	10.7	0.500	--	31.6	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.235	0.200	--	1.15	0.977	--	
109-99-9	Tetrahydrofuran	0.578	0.500	--	1.70	1.47	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	9.17	0.200	--	32.3	0.705	--	
71-55-6	1,1,1-Trichloroethane	5.70	0.200	--	31.1	1.09	--	
71-43-2	Benzene	0.764	0.200	--	2.44	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.411	0.200	--	1.41	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	3.98	0.200	--	16.3	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	0.775	0.500	--	3.18	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.90	0.200	--	10.9	0.754	--	
591-78-6	2-Hexanone	1.57	0.200	--	6.43	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	4.08	0.200	--	27.7	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.02	0.200	--	4.43	0.869	--	
179601-23-1	p/m-Xylene	4.03	0.400	--	17.5	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.241	0.200	--	1.03	0.852	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-05	Date Collected	: 07/08/25 20:22
Client ID	: 25 SS-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 01:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243359	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.93	0.200	--	8.38	0.869	--	
622-96-8	4-Ethyltoluene	0.440	0.200	--	2.16	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.641	0.200	--	3.15	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	2.52	0.200	--	12.4	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.803	0.190	--	4.21	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--	
74-87-3	Chloromethane	0.694	0.200	--	1.43	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	0.247	0.200	--	0.546	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	19.8	5.00	--	37.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.7	1.00	--	30.2	2.38	--	
75-69-4	Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	2.36	1.00	--	5.80	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.96	0.500	--	5.78	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.11	0.200	--	3.91	0.705	--	
71-43-2	Benzene	1.42	0.200	--	4.54	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.328	0.200	--	1.13	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.877	0.200	--	4.10	0.934	--	
142-82-5	Heptane	0.420	0.200	--	1.72	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	5.22	0.200	--	19.7	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.386	0.200	--	1.68	0.869	--	
179601-23-1	p/m-Xylene	1.24	0.400	--	5.39	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.513	0.200	--	2.23	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.365	0.200	--	1.79	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.313	0.190	--	1.64	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--	
74-87-3	Chloromethane	0.403	0.200	--	0.832	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	3.56	0.200	--	7.88	0.442	--	J
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	7.16	5.00	--	13.5	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	77.4	1.00	--	184	2.38	--	J
75-69-4	Trichlorofluoromethane	0.263	0.200	--	1.48	1.12	--	
67-63-0	Isopropanol	10.5	1.00	--	25.8	2.46	--	J
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	48.4	0.500	--	147	1.52	--	J
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	2.90	0.200	--	9.03	0.623	--	J
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	8.22	0.500	--	24.2	1.47	--	J
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.434	0.200	--	2.12	0.977	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.54	0.200	--	12.5	0.705	--	
71-55-6	1,1,1-Trichloroethane	5.08	0.200	--	27.7	1.09	--	
71-43-2	Benzene	2.40	0.200	--	7.67	0.639	--	J
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	1.71	0.200	--	5.89	0.688	--	J
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	1.18	0.200	--	5.51	0.934	--	
142-82-5	Heptane	2.57	0.200	--	10.5	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	0.604	0.500	--	2.48	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	5.35	0.200	--	20.2	0.754	--	
591-78-6	2-Hexanone	1.30	0.200	--	5.33	0.820	--	J
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	2.10	0.200	--	14.2	1.36	--	J
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.37	0.200	--	5.95	0.869	--	
179601-23-1	p/m-Xylene	4.80	0.400	--	20.8	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.320	0.200	--	1.36	0.852	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-07	Date Collected	: 07/08/25 20:26
Client ID	: 25 DUP-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 02:38
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R243361	Instrument ID	: AIRLAB24
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.05	0.200	--	8.90	0.869	--	
622-96-8	4-Ethyltoluene	0.490	0.200	--	2.41	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.876	0.200	--	4.31	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	2.95	0.200	--	14.5	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.764	0.190	--	4.01	0.996	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2542672
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2542672-06	Date Collected	: 07/08/25 20:08
Client ID	: 25 AI-1	Date Received	: 07/09/25
Sample Location	: BKLYN, NY	Date Analyzed	: 07/22/25 21:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: RAY
Lab File ID	: R234742	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--	
79-01-6	Trichloroethene	0.036	0.020	--	0.193	0.107	--	
127-18-4	Tetrachloroethene	0.110	0.020	--	0.746	0.136	--	

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO15 Volatiles Data
for Pace Analytical Services, SDG: No: L2542672

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected July 8, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within the EPA recommended holding times.

Cannister Pressure: The laboratory reported residual vacuums (negative pressure) in the samples, as required.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for 1,2,4-trichlorobenzenewas was above the allowable maximum (30%)on 07-21-25 (R243349). Positive results for 1,2,4-trichlorobenzene should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for soil vapor/air samples WG2093729-3 and WG2093731-3.

The %R for 1,2,4-trichlorobenzenewas was above QC limits for soil vapor/air sample WG2093236-3. Positive results for 1,2,4-trichlorobenzene should be considered estimated, biased high (J+) in associated soil vapor/air samples.

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Laboratory Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (25%) for soil vapor/air duplicate samples 25 SS-1 and 25 AI-1, as required.

Field Duplicates: The relative percent differences for 10 compounds were above the allowable maximum (25%) for soil vapor/air field duplicate pair 25 SV-2/25 DUP-1 (attached table). Positive results for these 10 compounds should be considered estimated (J) in samples 25 SV-2 and 25 DUP-1.

Compound ID: Checked compound results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for tertiary butyl alcohol (TBA) in sample 25 SV-4 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for TBA is recommended for sample 25 SV-4. It is recommended that the undiluted results be used for all other compounds.

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3 **Analysis Date** : 07/21/25 15:17	**File ID**	: R243349
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.9	109				-	70-130	-
Chloromethane	10	9.89	99				-	70-130	-
Freon-114	10	11.8	118				-	70-130	-
Vinyl chloride	10	10.8	108				-	70-130	-
1,3-Butadiene	10	11.0	110				-	70-130	-
Bromomethane	10	10.9	109				-	70-130	-
Chloroethane	10	11.0	110				-	70-130	-
Ethanol	50	44.0	88				-	40-160	-
Vinyl bromide	10	11.5	115				-	70-130	-
Acetone	50	50.5	101				-	40-160	-
Trichlorofluoromethane	10	10.6	106				-	70-130	-
Isopropanol	25	24.6	98				-	40-160	-
1,1-Dichloroethene	10	11.2	112				-	70-130	-
Tertiary butyl Alcohol	10	9.67	97				-	70-130	-
Methylene chloride	10	10.4	104				-	70-130	-
3-Chloropropene	10	10.8	108				-	70-130	-
Carbon disulfide	10	11.3	113				-	70-130	-
Freon-113	10	10.8	108				-	70-130	-
trans-1,2-Dichloroethene	10	11.7	117				-	70-130	-
1,1-Dichloroethane	10	10.8	108				-	70-130	-
Methyl tert butyl ether	10	11.6	116				-	70-130	-
2-Butanone	10	9.94	99				-	70-130	-
cis-1,2-Dichloroethene	10	11.2	112				-	70-130	-
Ethyl Acetate	10	10.1	101				-	70-130	-
Chloroform	10	10.7	107				-	70-130	-
Tetrahydrofuran	10	12.6	126				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3 **Analysis Date** : 07/21/25 15:17	**File ID**	: R243349
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	10.5	105				-	70-130	-
n-Hexane	10	12.0	120				-	70-130	-
1,1,1-Trichloroethane	10	10.4	104				-	70-130	-
Benzene	10	10.6	106				-	70-130	-
Carbon tetrachloride	10	10.6	106				-	70-130	-
Cyclohexane	10	11.2	112				-	70-130	-
1,2-Dichloropropane	10	10.7	107				-	70-130	-
Bromodichloromethane	10	11.5	115				-	70-130	-
1,4-Dioxane	10	12.3	123				-	70-130	-
Trichloroethene	10	10.8	108				-	70-130	-
2,2,4-Trimethylpentane	10	11.8	118				-	70-130	-
Heptane	10	11.5	115				-	70-130	-
cis-1,3-Dichloropropene	10	12.0	120				-	70-130	-
4-Methyl-2-pentanone	10	11.5	115				-	70-130	-
trans-1,3-Dichloropropene	10	12.9	129				-	70-130	-
1,1,2-Trichloroethane	10	10.9	109				-	70-130	-
Toluene	10	11.2	112				-	70-130	-
2-Hexanone	10	11.9	119				-	70-130	-
Dibromochloromethane	10	12.1	121				-	70-130	-
1,2-Dibromoethane	10	11.7	117				-	70-130	-
Tetrachloroethene	10	10.8	108				-	70-130	-
Chlorobenzene	10	11.0	110				-	70-130	-
Ethylbenzene	10	11.3	113				-	70-130	-
p/m-Xylene	20	23.0	115				-	70-130	-
Bromoform	10	12.3	123				-	70-130	-
Styrene	10	11.9	119				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2542672
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2093236-3	**Analysis Date** : 07/21/25 15:17	**File ID** : R243349
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	12.0	120				-	70-130	-
o-Xylene	10	11.8	118				-	70-130	-
4-Ethyltoluene	10	12.6	126				-	70-130	-
1,3,5-Trimethylbenzene	10	11.4	114				-	70-130	-
1,2,4-Trimethylbenzene	10	12.9	129				-	70-130	-
Benzyl chloride	10	11.2	112				-	70-130	-
1,3-Dichlorobenzene	10	12.1	121				-	70-130	-
1,4-Dichlorobenzene	10	12.6	126				-	70-130	-
1,2-Dichlorobenzene	10	12.2	122				-	70-130	-
1,2,4-Trichlorobenzene	10	14.9	149 Q				-	70-130	-
Naphthalene	10	12.6	126				-	70-130	-
Hexachlorobutadiene	10	12.2	122				-	70-130	-

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	111	0
chlorodifluoromethane	0.919	1.075	-	-17	30	125	0
propylene	0.576	0.594	-	-3.1	30	129	0
propane	0.376	0.367	-	2.4	30	113	0
dichlorodifluoromethane	1.826	1.992	-	-9.1	30	120	0
chloromethane	0.398	0.394	-	1	30	111	0
Freon-114	1.287	1.525	-	-18.5	30	125	0
methanol	0.089	0.074	-	16.9	30	93	0
vinyl chloride	0.447	0.482	-	-7.8	30	119	0
1,3-butadiene	0.282	0.309	-	-9.6	30	129	0
butane	0.516	0.503	-	2.5	30	118	0
bromomethane	0.488	0.534	-	-9.4	30	129	0
chloroethane	0.204	0.225	-	-10.3	30	124	0
ethanol	0.196	0.173	-	11.7	30	97	0
dichlorofluoromethane	0.971	0.922	-	5	30	112	0
vinyl bromide	0.656	0.752	-	-14.6	30	138	0
acrolein	0.314	0.275	-	12.4	30	106	0
acetone	0.842	0.85	-	-1	30	120	0
acetonitrile	0.567	0.494	-	12.9	30	111	0
trichlorofluoromethane	1.815	1.916	-	-5.6	30	118	0
isopropyl alcohol	1.015	0.998	-	1.7	30	120	0
acrylonitrile	0.572	0.58	-	-1.4	30	122	0
pentane	1.127	1.157	-	-2.7	30	114	0
ethyl ether	0.535	0.513	-	4.1	30	106	0
1,1-dichloroethene	1.404	1.567	-	-11.6	30	124	0
tertiary butyl alcohol	1.849	1.787	-	3.4	30	115	0
methylene chloride	1.008	1.05	-	-4.2	30	119	0
3-chloropropene	1.021	1.108	-	-8.5	30	131	0
carbon disulfide	2.444	2.768	-	-13.3	30	132	0
Freon 113	2.048	2.209	-	-7.9	30	122	0
trans-1,2-dichloroethene	0.95	1.112	-	-17.1	30	134	0
1,1-dichloroethane	1.355	1.468	-	-8.3	30	120	0
MTBE	1.764	2.056	-	-16.6	30	134	0
vinyl acetate	1.398	0.988	-	29.3	30	91	0
2-butanone	1.348	1.34	-	0.6	30	129	0
cis-1,2-dichloroethene	1.017	1.143	-	-12.4	30	125	0
Ethyl Acetate	0.25	0.252	-	-0.8	30	128	0
chloroform	1.609	1.722	-	-7	30	119	0
Tetrahydrofuran	0.653	0.82	-	-25.6	30	142	0
2,2-dichloropropane	1.235	1.272	-	-3	30	121	0
1,2-dichloroethane	0.947	0.997	-	-5.3	30	119	0
1,4-difluorobenzene	1	1	-	0	30	114	0
hexane	0.3	0.361	-	-20.3	30	133	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.203	0.203	-	0	30	124	0
tert-butyl ethyl ether	0.658	0.704	-	-7	30	120	0
1,1,1-trichloroethane	0.513	0.531	-	-3.5	30	116	0
1,1-dichloropropene	0.379	0.435	-	-14.8	30	126	0
benzene	0.786	0.831	-	-5.7	30	120	0
carbon tetrachloride	0.527	0.56	-	-6.3	30	116	0
cyclohexane	0.337	0.379	-	-12.5	30	122	0
tert-amyl methyl ether	0.659	0.713	-	-8.2	30	126	0
dibromomethane	0.299	0.308	-	-3	30	117	0
1,2-dichloropropane	0.275	0.294	-	-6.9	30	120	.02
bromodichloromethane	0.506	0.584	-	-15.4	30	133	0
1,4-dioxane	0.139	0.172	-	-23.7	30	143	0
trichloroethene	0.371	0.402	-	-8.4	30	122	.02
2,2,4-trimethylpentane	0.975	1.147	-	-17.6	30	134	.02
methyl methacrylate	0.266	0.269	-	-1.1	30	116	0
heptane	0.343	0.395	-	-15.2	30	133	.02
cis-1,3-dichloropropene	0.408	0.488	-	-19.6	30	130	.01
4-methyl-2-pentanone	0.448	0.513	-	-14.5	30	129	0
trans-1,3-dichloropropene	0.323	0.417	-	-29.1	30	143	0
1,1,2-trichloroethane	0.341	0.374	-	-9.7	30	125	0
chlorobenzene-D5	1	1	-	0	30	110	0
toluene	6.147	6.875	-	-11.8	30	121	.01
1,3-dichloropropane	2.697	2.84	-	-5.3	30	119	.01
2-hexanone	2.691	3.197	-	-18.8	30	130	0
dibromochloromethane	3.693	4.485	-	-21.4	30	134	0
1,2-dibromoethane	3.435	4.006	-	-16.6	30	124	0
butyl acetate	0.694	0.712	-	-2.6	30	122	0
octane	1.693	1.863	-	-10	30	120	.01
tetrachloroethene	3.454	3.75	-	-8.6	30	117	0
1,1,1,2-tetrachloroethane	2.82	2.957	-	-4.9	30	115	0
chlorobenzene	5.376	5.941	-	-10.5	30	120	0
ethylbenzene	8.589	9.676	-	-12.7	30	120	0
m+p-xylene	6.463	7.45	-	-15.3	30	120	0
bromoform	4.044	4.986	-	-23.3	30	133	.01
styrene	5.208	6.192	-	-18.9	30	122	0
1,1,2,2-tetrachloroethane	5.138	6.175	-	-20.2	30	123	.01
o-xylene	6.607	7.793	-	-18	30	121	0
1,2,3-trichloropropane	3.757	4.127	-	-9.8	30	119	0
nonane	3.951	4.42	-	-11.9	30	117	0
isopropylbenzene	9.451	10.593	-	-12.1	30	118	0
bromobenzene	4.749	5.192	-	-9.3	30	117	0
2-chlorotoluene	2.682	2.864	-	-6.8	30	112	0
n-propylbenzene	2.733	3.014	-	-10.3	30	117	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2542672	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: AIRLAB24		Calibration Date	: 07/21/25 15:17	
Lab File ID	: R243349		Init. Calib. Date(s)	: 07/17/25	07/18/25
Sample No	: WG2093236-2		Init. Calib. Times	: 22:04	02:47
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.613	2.655	-	-1.6	30	117	0
4-ethyl toluene	9.203	11.569	-	-25.7	30	136	.01
1,3,5-trimethylbenzene	8.257	9.445	-	-14.4	30	114	0
tert-butylbenzene	8.525	9.975	-	-17	30	118	.01
1,2,4-trimethylbenzene	7.825	10.102	-	-29.1	30	127	.01
decane	5.17	5.86	-	-13.3	30	117	0
Benzyl Chloride	6.183	6.913	-	-11.8	30	113	0
1,3-dichlorobenzene	5.896	7.154	-	-21.3	30	125	0
1,4-dichlorobenzene	5.763	7.259	-	-26	30	127	.01
sec-butylbenzene	11.857	13.343	-	-12.5	30	116	.01
p-isopropyltoluene	10.347	12.312	-	-19	30	118	0
1,2-dichlorobenzene	5.709	6.962	-	-21.9	30	122	0
n-butylbenzene	6.301	6.971	-	-10.6	30	116	.01
1,2-dibromo-3-chloropropan	1.82	1.83	-	-0.5	30	114	0
undecane	5.535	6.74	-	-21.8	30	120	0
dodecane	5.474	7.86	-	-43.6*	30	129	0
1,2,4-trichlorobenzene	3.832	5.695	-	-48.6*	30	130	0
naphthalene	9.571	12.025	-	-25.6	30	113	0
1,2,3-trichlorobenzene	4.414	5.646	-	-27.9	30	120	0
hexachlorobutadiene	4.597	5.631	-	-22.5	30	120	0

* Value outside of QC limits.

Field Duplicate Calculation Section

Volatiles TO-15

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2542672

S1= 25 SV-2 **S2=** 25 DUP-1

Analyte	S1	S2	RPD (%)	
Dichlorodifluoromethane	0.448	0.426	5%	
Chloromethane	ND	0.403	NC	
1,3-Butadiene	2.48	3.56	36%	*
Ethanol	ND	7.16	NC	
Acetone	45.2	77.4	53%	*
Trichlorofluoromethane	ND	0.263	NC	
Isopropanol	2.23	10.5	130%	*
Tertiary butyl Alcohol	25.9	48.4	61%	*
Carbon disulfide	124	2.90	191%	*
2-Butanone	5.07	8.22	47%	*
Chloroform	ND	0.434	NC	
n-Hexane	3.25	3.54	9%	
1,1,1-Trichloroethane	4.28	5.08	17%	
Benzene	6.35	2.40	90%	*
Cyclohexane	0.930	1.71	59%	*
2,2,4-Trimethylpentane	ND	1.18	NC	
Heptane	2.36	2.57	9%	
4-Methyl-2-pentanone	ND	0.604	NC	
Toluene	6.20	5.35	15%	
2-Hexanone	0.816	1.30	46%	*
Tetrachloroethene	6.90	2.10	107%	*
Ethylbenzene	1.42	1.37	4%	
p/m-Xylene	4.51	4.8	6%	
Styrene	ND	0.32	NC	
o-Xylene	2.20	2.05	7%	
4-Ethyltoluene	0.504	0.49	3%	
1,3,5-Trimethylbenzene	0.904	0.876	3%	
1,2,4-Trimethylbenzene	3.01	2.95	2%	
Naphthalene	0.702	0.764	8%	

* RPD is above the allowable maximum (25%).

All results are in ppbv.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

L2543949

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatiles, SIM Semi-volatiles, 1,4-dioxane, herbicides, PCBs, pesticides, PFAS, and TAL metals analyses for 3 ground water samples and 1 field blank, and the results of volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile results for acetone were qualified as "estimated" (J) for the trip and field blanks because the relative percent difference for acetone was above the allowable maximum in the associated aqueous LCS/LCSD.

- The positive volatile result for methyl tert butyl ether (MTBE) was qualified as "estimated" (J) for MW-2 because the relative percent difference for MTBE was above the allowable maximum in the associated aqueous LCS/LCSD.

- The positive volatile results for acetone were qualified as "not detected" (U) for all 3 ground water samples because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- The 'not detected" volatile results for 1,4-dioxane were qualified as "rejected, unusable" (R) for all 3 ground water samples, trip blank, and field blank because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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- The "not detected" semi-volatile results for 3,3'-dichlorobenzidine was qualified as "rejected, unusable" (R) for sample MW-1 because 2 of 2 percent recoveries for 3,3'-dichlorobenzidine were below QC limits and one below 30% in the aqueous MS/MSD sample.

- The positive SIM semi-volatile results for benzo(a)anthracene were qualified as "not detected" (U) for samples MW-1, MW-2, and 25FB-1 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile results for dibenzo(a,h)anthracene were qualified as "not detected" (U) for samples MW-1, MW-5, and 25FB-1 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile results for pentachlorophenol were qualified as "not detected" (U) for samples MW-1, MW-2, and MW-5 because the level reported in the sample analyses were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile result for indeno(1,2,3-cd)pyrene was qualified as "estimated" (J) for sample MW-5 because the %D for indeno(1,2,3-cd)pyrene was above the allowable maximum in the associated continuing calibration verification samples.

- The positive PFAS result for PFBS was qualified as "estimated" (J) in sample MW-1 because percent recovery for the surrogate used to quantitate PFBS was above QC limits in the sample.

- The positive PFAS result for PFHxS was qualified as "estimated" (J) in sample MW-2 because percent recovery for the surrogate used to quantitate PFHxS was above QC limits in the sample.

- The positive PFAS result for 6:2FTS was qualified as "not detected" (U) at the reporting limit for sample 25FB-1 because the sample was associated with a method blank containing 6:2FTS and reported concentration for 6:2FTS was below the reporting limit.

- The positive metal results for potassium were qualified as estimated, biased high (J+) for all 3 ground water samples because 1 of 2 percent recoveries for potassium was above the control limits in the associated aqueous MS/MSD sample.

- The positive metal results for magnesium were qualified as estimated (J) for all 3 ground water samples because the %D for magnesium was above the allowable maximum in the associated aqueous serial dilution sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A12	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.0	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-01	**Date Collected**	: 07/14/25 11:57
Client ID	: MW-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 12:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A12	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 12:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	0.82	2.5	0.17	J	J
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.8	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 12:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:11
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.20	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:11
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.3	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-03	**Date Collected**	: 07/14/25 09:25
Client ID	: MW-5	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05250724A14	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.8	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.3	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-05	Date Collected	: 07/14/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250724A16	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 17:36
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	R
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 17:36
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-01	**Date Collected**	: 07/14/25 11:57
Client ID	: MW-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 17:36
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-01	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 18:51
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 18:51
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 18:51
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-02	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:16
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:41
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 19:41
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-04	**Date Collected**	: 07/14/25 13:50
Client ID	: 25FB-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 19:41
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 43949-04	**Analyst**	: JG
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 18:54
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-01	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.03	0.10	0.03	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.05	0.10	0.02	J	
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	0.06	0.10	0.04	J	
53-70-3	Dibenzo(a,h)anthracene	0.05	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	0.22	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:11
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-02	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.07	0.10	0.02	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.06	0.10	0.03	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.11	0.10	0.02		
56-55-3	Benzo(a)anthracene	0.05	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	0.04	0.10	0.03	J	
85-01-8	Phenanthrene	0.11	0.10	0.04		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	0.05	0.10	0.04	J	
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J	
87-86-5	Pentachlorophenol	0.19	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:28
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-03	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.42	0.10	0.02		
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.35	0.10	0.03		
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.05	0.10	0.02	J	
56-55-3	Benzo(a)anthracene	0.23	0.10	0.03		
50-32-8	Benzo(a)pyrene	0.25	0.10	0.02		
205-99-2	Benzo(b)fluoranthene	0.32	0.10	0.03		
207-08-9	Benzo(k)fluoranthene	0.10	0.10	0.03	J	
218-01-9	Chrysene	0.19	0.10	0.03		
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	0.06	0.10	0.02	J	
191-24-2	Benzo(ghi)perylene	0.18	0.10	0.02		
86-73-7	Fluorene	0.04	0.10	0.03	J	
85-01-8	Phenanthrene	0.19	0.10	0.04		
53-70-3	Dibenzo(a,h)anthracene	0.08	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.18	0.10	0.02		J
129-00-0	Pyrene	0.38	0.10	0.04		
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 19:45
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 43949-04	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	ND	0.10	0.02	U	
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	0.05	0.10	0.02	J	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 15:04
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182506	Analyst	: DB
Sample Amount	: 260 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	144	32.6	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 16:06
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F607182509	**Analyst**	: DB
Sample Amount	: 250 ml	**Instrument ID**	: GCMS6
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	381.	150	33.9	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 16:26
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182510	Analyst	: DB
Sample Amount	: 270 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 16:47
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F607182511	Analyst	: DB
Sample Amount	: 270 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 23:46
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_12	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
375-22-4	Perfluorobutanoic Acid (PFBA)	8.45	5.00	1.02		
2706-90-3	Perfluoropentanoic Acid (PFPeA)	12.4	5.00	0.990		
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.18	5.00	0.595	J	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.7	5.00	0.820		
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.29	5.00	0.563		
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	5.00	0.940	U	
335-67-1	Perfluorooctanoic Acid (PFOA)	32.0	5.00	0.590		
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.81	5.00	3.33	J	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U	
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	5.00	1.26	U	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U	
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 23:46
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_12	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	32.0	5.00	0.590	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:36
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_15	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	12.3	5.00	1.02	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	22.6	5.00	0.990	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	7.42	5.00	0.595	
307-24-4	Perfluorohexanoic Acid (PFHxA)	18.5	5.00	0.820	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	16.8	5.00	0.563	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	7.59	5.00	0.940	J
335-67-1	Perfluorooctanoic Acid (PFOA)	107	5.00	0.590	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.94	5.00	3.33	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	5.00	1.26	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:36
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_15	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	107	5.00	0.590	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:53
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_16	Analyst	: SG
Sample Amount	: 150 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	39.2	3.33	0.680	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	155	3.33	0.660	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.05	3.33	0.397	
307-24-4	Perfluorohexanoic Acid (PFHxA)	96.0	3.33	0.547	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.96	3.33	0.375	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.67	3.33	0.627	JF
335-67-1	Perfluorooctanoic Acid (PFOA)	23.6	3.33	0.393	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.82	3.33	2.22	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	3.33	1.15	U
375-95-1	Perfluorononanoic Acid (PFNA)	2.10	3.33	0.520	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	29.2	3.33	0.840	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.920	3.33	0.507	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	3.33	2.02	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	3.33	1.08	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	3.33	0.433	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	3.33	1.63	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	3.33	0.967	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	3.33	1.34	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 00:53
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_16	Analyst	: SG
Sample Amount	: 150 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	3.33	0.620	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	3.33	0.545	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	3.33	0.413	U
NONE	PFOA/PFOS, Total	52.8	3.33	0.393	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_17	Analyst	: SG
Sample Amount	: 288.97 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.73	0.353	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.73	0.342	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.73	0.206	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.73	0.284	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.73	0.195	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.73	0.325	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.73	0.204	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.73	1.15	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.73	0.595	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.73	0.270	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.73	0.436	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.73	0.263	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.73	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.73	0.561	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.73	0.225	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.73	0.848	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.73	0.502	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.73	0.696	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_17	Analyst	: SG
Sample Amount	: 288.97 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.73	0.322	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.73	0.283	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.73	0.214	U
NONE	PFOA/PFOS, Total	ND	1.73	0.204	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 09:57
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-05	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 10:53
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-08	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 11:12
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-09	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 11:30
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-10	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 15:42
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-17	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:10
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-20	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:19
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-21	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 16:29
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250716a-22	Analyst	: MEO
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:46
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-13	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:46
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-13	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:09
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-10	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-02	**Date Collected**	: 07/14/25 15:20
Client ID	: MW-2	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/16/25 08:09
Sample Matrix	: WATER	**Date Extracted**	: 07/15/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 18250716a-10	**Analyst**	: JAG
Sample Amount	: 100 ml	**Instrument ID**	: PEST18
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:21
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-11	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 08:21
Sample Matrix	: WATER	Date Extracted	: 07/15/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250716a-11	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST18
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/16/25 15:26
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250716a-51	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2543949-04	**Date Collected**	: 07/14/25 13:50
Client ID	: 25FB-1	**Date Received**	: 07/14/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/16/25 15:26
Sample Matrix	: WATER	**Date Extracted**	: 07/16/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11250716a-51	**Analyst**	: JAG
Sample Amount	: 100 ml	**Instrument ID**	: PEST11
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/01/25 16:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2097760.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0146	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00310	0.00050	0.00016	
7440-39-3	Barium, Total	0.3138	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	238.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00039	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00115	0.00050	0.00016	
7440-50-8	Copper, Total	0.00052	0.00100	0.00038	J
7439-89-6	Iron, Total	35.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.00446	0.00100	0.00034	
7439-95-4	Magnesium, Total	49.0	0.0700	0.0242	J
7439-96-5	Manganese, Total	0.9205	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00111	0.00200	0.00055	J
7440-09-7	Potassium, Total	32.8	0.100	0.0309	J+
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	188.	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00685	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 16:37
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-23-5	Sodium, Total	543.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 14:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0970	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00312	0.00050	0.00016	
7440-39-3	Barium, Total	0.7119	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	244.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00058	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00066	0.00050	0.00016	
7440-50-8	Copper, Total	0.00408	0.00100	0.00038	
7439-89-6	Iron, Total	55.3	0.0500	0.0191	
7439-92-1	Lead, Total	0.01536	0.00100	0.00034	
7439-95-4	Magnesium, Total	29.4	0.0700	0.0242	J
7439-96-5	Manganese, Total	2.667	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00208	0.00200	0.00055	
7440-09-7	Potassium, Total	36.3	0.100	0.0309	J+
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00722	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 15:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	32.6	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00141	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.04864	0.00050	0.00016	
7440-39-3	Barium, Total	1.073	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00297	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00321	0.00020	0.00005	
7440-70-2	Calcium, Total	141.	0.100	0.0394	
7440-47-3	Chromium, Total	0.06472	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.04029	0.00050	0.00016	
7440-50-8	Copper, Total	0.3849	0.00100	0.00038	
7439-89-6	Iron, Total	59.8	0.0500	0.0191	
7439-95-4	Magnesium, Total	37.0	0.0700	0.0242	J
7439-96-5	Manganese, Total	3.698	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1040	0.00200	0.00055	
7440-09-7	Potassium, Total	29.4	0.100	0.0309	J+
7782-49-2	Selenium, Total	0.0198	0.00500	0.00173	
7440-22-4	Silver, Total	0.00136	0.00040	0.00016	
7440-28-0	Thallium, Total	0.00081	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.1474	0.00500	0.00157	
7440-66-6	Zinc, Total	1.561	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 16:43
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-92-1	Lead, Total	2.707	0.1000	0.03430	
7440-23-5	Sodium, Total	392.	50.0	2.93	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/04/25 15:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2098567.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00452	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00018	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.0420	0.100	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	0.00037	0.00100	0.00034	J
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	0.00057	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.200	0.500	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-01	Date Collected	: 07/14/25 11:57
Client ID	: MW-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 17:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-02	Date Collected	: 07/14/25 15:20
Client ID	: MW-2	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-03	Date Collected	: 07/14/25 09:25
Client ID	: MW-5	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00992	0.00020	0.00009	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2543949-04	Date Collected	: 07/14/25 13:50
Client ID	: 25FB-1	Date Received	: 07/14/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 18:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2093918.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples, 1 Field Blank,
and 1 Trip Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for VOA105 on 06-28-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 07-24-25 (V05250724A05). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-24-25 (V05250724A05). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 07-24-25 (V05250724A05). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-24-25 (V05250724A05). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected. The trip blank contained a trace of acetone (2.3 ug/L). Field blank 25FB-1 contained a trace of acetone (3.8 ug/L). Positive results for acetone that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

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www.alphageoscience.com

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for acetone was above the allowable maximum and 1 or 2 percent recoveries for 8 compounds (highlighted yellow on attached Form 3) were above QC limits for aqueous MS/MSD sample MW-1. The positive result for acetone should be considered estimated, biased high (J+) in sample MW-1.

Laboratory Control Sample: The relative percent differences for methyl tert butyl ether, acetone, and methyl acetate were above the allowable maximum for aqueous samples WG2095025-3/4. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for chloroethane and carbon disulfide were above QC limits for aqueous samples WG2095025-3/4. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked compound results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095025-3	Analysis Date : 07/24/25 08:53	File ID : V05250724A05
LCSD Sample ID	: WG2095025-4	Analysis Date : 07/24/25 09:19	File ID : V05250724A06

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	13	130	17	70-130	20
1,1-Dichloroethane	10	11	110	10	12	120	9	70-130	20
Chloroform	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	10	10	100	10	9.3	93	7	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.8	98	10	10	100	2	63-130	20
1,1,2-Trichloroethane	10	10	100	10	11	110	10	70-130	20
Tetrachloroethene	10	9.9	99	10	9.0	90	10	70-130	20
Chlorobenzene	10	9.9	99	10	10	100	1	75-130	20
Trichlorofluoromethane	10	12	120	10	11	110	9	62-150	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	10	100	10	67-130	20
Bromodichloromethane	10	11	110	10	11	110	0	67-130	20
trans-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
cis-1,3-Dichloropropene	10	9.7	97	10	10	100	3	70-130	20
Bromoform	10	9.1	91	10	9.4	94	3	54-136	20
1,1,2,2-Tetrachloroethane	10	9.7	97	10	10	100	3	67-130	20
Benzene	10	10	100	10	11	110	10	70-130	20
Toluene	10	11	110	10	10	100	10	70-130	20
Ethylbenzene	10	11	110	10	10	100	10	70-130	20
Chloromethane	10	9.0	90	10	9.3	93	3	64-130	20
Bromomethane	10	11	110	10	11	110	0	39-139	20
Vinyl chloride	10	12	120	10	11	110	9	55-140	20
Chloroethane	10	15	150 Q	10	15	150 Q	0	55-138	20
1,1-Dichloroethene	10	13	130	10	12	120	8	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	12	120	18	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095025-3	Analysis Date : 07/24/25 08:53	File ID : V05250724A05
LCSD Sample ID	: WG2095025-4	Analysis Date : 07/24/25 09:19	File ID : V05250724A06

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.8	98	10	9.6	96	2	70-130	20
1,2-Dichlorobenzene	10	9.1	91	10	9.4	94	3	70-130	20
1,3-Dichlorobenzene	10	9.3	93	10	9.5	95	2	70-130	20
1,4-Dichlorobenzene	10	9.1	91	10	9.4	94	3	70-130	20
Methyl tert butyl ether	10	9.6	96	10	12	120	22 Q	63-130	20
p/m-Xylene	20	22	110	20	21	105	5	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	22	110	20	22	110	0	70-130	20
Dichlorodifluoromethane	10	10	100	10	9.1	91	9	36-147	20
Acetone	10	9.2	92	10	12	120	26 Q	58-148	20
Carbon disulfide	10	15	150 Q	10	14	140 Q	7	51-130	20
2-Butanone	10	9.2	92	10	8.3	83	10	63-138	20
4-Methyl-2-pentanone	10	7.9	79	10	8.5	85	7	59-130	20
2-Hexanone	10	8.0	80	10	8.0	80	0	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromoethane	10	9.9	99	10	10	100	1	70-130	20
1,2-Dibromo-3-chloropropane	10	8.6	86	10	9.2	92	7	41-144	20
Isopropylbenzene	10	9.4	94	10	9.2	92	2	70-130	20
1,2,3-Trichlorobenzene	10	9.0	90	10	9.2	92	2	70-130	20
1,2,4-Trichlorobenzene	10	9.0	90	10	9.0	90	0	70-130	20
Methyl Acetate	10	8.8	88	10	11	110	22 Q	70-130	20
Cyclohexane	10	9.1	91	10	7.8	78	15	70-130	20
1,4-Dioxane	500	400	80	500	430	86	7	56-162	20
Freon-113	10	12	120	10	10	100	18	70-130	20
Methyl cyclohexane	10	8.4	84	10	7.0	70	18	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	14	140 Q	10	12	120	15	70-130	20
1,1-Dichloroethane	ND	10	13	130	10	12	120	8	70-130	20
Chloroform	ND	10	12	120	10	12	120	0	70-130	20
Carbon tetrachloride	ND	10	12	120	10	12	120	0	63-132	20
1,2-Dichloropropane	ND	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	ND	10	12	120	10	12	120	0	63-130	20
1,1,2-Trichloroethane	ND	10	13	130	10	13	130	0	70-130	20
Tetrachloroethene	ND	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	ND	10	11	110	10	11	110	0	75-130	20
Trichlorofluoromethane	ND	10	15	150	10	14	140	7	62-150	20
1,2-Dichloroethane	ND	10	12	120	10	12	120	0	70-130	20
1,1,1-Trichloroethane	ND	10	12	120	10	12	120	0	67-130	20
Bromodichloromethane	ND	10	12	120	10	12	120	0	67-130	20
trans-1,3-Dichloropropene	ND	10	12	120	10	12	120	0	70-130	20
cis-1,3-Dichloropropene	ND	10	10	100	10	10	100	0	70-130	20
Bromoform	ND	10	11	110	10	12	120	9	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	12	120	10	12	120	0	67-130	20
Benzene	ND	10	12	120	10	12	120	0	70-130	20
Toluene	ND	10	12	120	10	12	120	0	70-130	20
Ethylbenzene	ND	10	12	120	10	12	120	0	70-130	20
Chloromethane	ND	10	9.7	97	10	10	100	3	64-130	20
Bromomethane	ND	10	6.9	69	10	7.6	76	10	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	10	13	130	10	15	150 Q	14	55-140	20
Chloroethane	ND	10	16	160 Q	10	16	160 Q	0	55-138	20
1,1-Dichloroethene	ND	10	15	150 Q	10	16	160 Q	6	61-145	20
trans-1,2-Dichloroethene	ND	10	13	130	10	11	110	17	70-130	20
Trichloroethene	ND	10	11	110	10	11	110	0	70-130	20
1,2-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
1,3-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
1,4-Dichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
Methyl tert butyl ether	ND	10	14	140 Q	10	12	120	15	63-130	20
p/m-Xylene	ND	20	23	115	20	23	115	0	70-130	20
o-Xylene	ND	20	23	115	20	23	115	0	70-130	20
cis-1,2-Dichloroethene	ND	10	11	110	10	11	110	0	70-130	20
Styrene	ND	20	24	120	20	23	115	4	70-130	20
Dichlorodifluoromethane	ND	10	12	120	10	12	120	0	36-147	20
Acetone	3.0J	10	19	190 Q	10	15	150 Q	24 Q	58-148	20
Carbon disulfide	ND	10	17	170 Q	10	18	180 Q	6	51-130	20
2-Butanone	ND	10	12	120	10	10	100	18	63-138	20
4-Methyl-2-pentanone	ND	10	11	110	10	11	110	0	59-130	20
2-Hexanone	ND	10	10	100	10	11	110	10	57-130	20
Bromochloromethane	ND	10	11	110	10	11	110	0	70-130	20
1,2-Dibromoethane	ND	10	12	120	10	12	120	0	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	11	110	10	12	120	9	41-144	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/24/25 12:20
Matrix Spike	: WG2095025-6	MS Analysis Date	: 07/24/25 17:54
Matrix Spike Dup	: WG2095025-7	MSD Analysis Date	: 07/24/25 18:19

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	ND	10	10	100	10	11	110	10	70-130	20
1,2,4-Trichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
Methyl Acetate	ND	10	13	130	10	11	110	17	70-130	20
Cyclohexane	ND	10	11	110	10	10	100	10	70-130	20
1,4-Dioxane	ND	500	570	114	500	640	128	12	56-162	20
Freon-113	ND	10	14	140 Q	10	14	140 Q	0	70-130	20
Methyl cyclohexane	ND	10	10	100	10	9.9J	99	1	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files

L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D

L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.216	0.299	0.277	0.272	0.269	0.268	0.257	0.265	9.49
3)	TP	Chloromethane		0.279	0.322	0.302	0.294	0.289	0.301	0.300	0.298	4.48
4)	TP	Vinyl chloride	0.253	0.234	0.324	0.303	0.297	0.301	0.305	0.290	0.288	10.37
5)	TP	Bromomethane		0.072	0.071	0.086	0.098	0.116	0.129		*Q	0.9998
6)	TP	Chloroethane		0.173	0.197	0.175	0.163	0.157	0.148	0.122	0.162	14.67
7)	TP	Trichlorofluor		0.304	0.423	0.391	0.372	0.363	0.357	0.340	0.364	10.36
8)	TP	Ethyl ether		0.090	0.092	0.094	0.099	0.095	0.094	0.094	0.094	2.75
10)	TP	1,1-Dichloroet		0.165	0.212	0.201	0.192	0.189	0.189	0.185	0.190	7.64
11)	TP	Carbon disulfide		0.540	0.667	0.620	0.600	0.617	0.625	0.608	0.611	6.23
12)	TP	Freon-113		0.170	0.231	0.224	0.219	0.210	0.210	0.202	0.209	9.43
13)	TP	Iodomethane									0.000#	-1.00
14)	TP	Acrolein			0.027	0.029	0.032	0.029	0.029	0.030	0.029	5.71
15)	TP	Methylene chlo		0.263	0.266	0.239	0.228	0.222	0.221	0.218	0.237	8.56
17)	TP	Acetone			0.039	0.041	0.041	0.037	0.037	0.038	0.039	5.17
18)	TP	trans-1,2-Dich		0.205	0.264	0.254	0.239	0.242	0.241	0.234	0.240	7.76
19)	TP	Methyl acetate			0.075	0.099	0.117	0.111	0.110	0.112	0.104	14.72
20)	TP	Methyl tert butyl ether		0.416	0.410	0.454	0.499	0.484	0.486	0.499	0.464	8.15
21)	TP	tert-Butyl alc			0.008	0.009	0.010	0.009	0.009	0.011	0.009#	11.65
22)	TP	Diisopropyl ether		0.683	0.709	0.790	0.853	0.844	0.829	0.820	0.790	8.56
23)	TP	1,1-Dichloroet		0.457	0.528	0.500	0.477	0.472	0.466	0.453	0.479	5.54
24)	TP	Halothane		0.163	0.201	0.201	0.192	0.192	0.192	0.186	0.190	6.87
25)	TP	Acrylonitrile			0.050	0.059	0.065	0.061	0.060	0.060	0.059	8.06
26)	TP	Ethyl tert-but		0.481	0.517	0.599	0.664	0.660	0.658	0.667	0.606	12.83
27)	TP	Vinyl acetate			0.267	0.352	0.435	0.434	0.429	0.433	0.392	17.65
28)	TP	cis-1,2-Dichlo		0.236	0.281	0.273	0.264	0.263	0.261	0.256	0.262	5.36
29)	TP	2,2-Dichloropr		0.255	0.325	0.337	0.355	0.361	0.363	0.354	0.336	11.37
30)	TP	Bromochloromet		0.120	0.131	0.130	0.123	0.113	0.109	0.104	0.119	8.62
31)	TP	Cyclohexane		0.402	0.554	0.569	0.560	0.545	0.546	0.526	0.529	10.87
32)	TP	Chloroform		0.473	0.480	0.437	0.414	0.404	0.398	0.389	0.428	8.51
33)	TP	Ethyl acetate			0.109	0.139	0.166	0.155	0.155	0.162	0.148	14.24
34)	TP	Carbon tetrachloride	0.294	0.265	0.357	0.368	0.366	0.369	0.372	0.361	0.344	11.87
35)	TP	Tetrahydrofuran			0.045	0.050	0.055	0.047	0.045	0.047	0.048	7.60
36)	S	Dibromofluoromethane	0.298	0.293	0.295	0.275	0.268	0.260	0.254	0.254	0.275	6.72
37)	TP	1,1,1-Trichlor		0.306	0.401	0.401	0.390	0.387	0.388	0.373	0.378	8.81
39)	TP	2-Butanone			0.041	0.057	0.068	0.065	0.065	0.067	0.061	16.78

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA105	**Ical Ref**	: ICAL22431
Calibration dates	: 06/28/25 01:00 06/28/25 04:49		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.225	0.299	0.315	0.315	0.316	0.318	0.309	0.300	11.23
41)	TP	Benzene	0.849	0.783	0.991	1.001	0.984	0.984	0.980	0.953	0.941	8.52
42)	TP	Tertiary-Amyl Methyl Ether		0.347	0.346	0.416	0.469	0.470	0.476	0.495	0.431	14.57
43)	S	1,2-Dichloroethane-d4	0.314	0.314	0.310	0.310	0.288	0.278	0.267	0.278	0.295	6.47
44)	TP	1,2-Dichloroethane	0.291	0.307	0.316	0.309	0.302	0.288	0.282	0.279	0.297	4.64
47)	TP	Methyl cyclohe		0.282	0.391	0.421	0.441	0.440	0.448	0.442	0.409	14.49
48)	TP	Trichloroethene	0.293	0.248	0.272	0.258	0.257	0.258	0.256	0.249	0.261	5.58
50)	TP	Dibromomethane		0.121	0.131	0.127	0.129	0.125	0.124	0.126	0.126	2.55
51)	TP	1,2-Dichloropr		0.222	0.247	0.261	0.260	0.260	0.258	0.257	0.252	5.54
53)	TP	2-Chloroethyl			0.070	0.096	0.121	0.121	0.121	0.125	*L	0.9994
54)	TP	Bromodichlorom		0.266	0.293	0.301	0.303	0.304	0.303	0.304	0.296#	4.66
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	10.05
58)	TP	cis-1,3-Dichloropropene	0.158	0.217	0.262	0.320	0.351	0.360	0.362		*Q	0.9996
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.214	1.241	1.268	1.264	1.264	1.256	1.260	1.254	1.253	1.42
61)	TP	Toluene		0.676	0.757	0.763	0.755	0.755	0.759	0.728	0.742	4.21
62)	TP	4-Methyl-2-pen			0.043	0.058	0.072	0.068	0.069	0.071	0.063	17.62
63)	TP	Tetrachloroethene	0.288	0.304	0.381	0.385	0.385	0.381	0.384	0.366	0.359	11.11
65)	TP	trans-1,3-Dichloropropene	0.135	0.201	0.247	0.320	0.370	0.374			*Q	0.9985
67)	TP	Ethyl methacry			0.163	0.213	0.252	0.240	0.242	0.245	0.226	14.91
68)	TP	1,1,2-Trichlor		0.143	0.156	0.176	0.188	0.177	0.176	0.173	0.170#	8.89
69)	TP	Chlorodibromom		0.207	0.236	0.273	0.298	0.298	0.300	0.297	0.273	13.65
70)	TP	1,3-Dichloropr		0.312	0.327	0.367	0.386	0.371	0.370	0.365	0.357	7.52
71)	TP	1,2-Dibromoethane		0.158	0.175	0.212	0.229	0.219	0.221	0.218	0.204	13.19
72)	TP	2-Hexanone			0.067	0.091	0.118	0.110	0.111	0.114	0.102	18.91
73)	TP	Chlorobenzene		0.845	0.902	0.872	0.874	0.865	0.865	0.835	0.865	2.46
74)	TP	Ethylbenzene		1.255	1.455	1.478	1.477	1.466	1.457	1.392	1.426	5.65
75)	TP	1,1,1,2-Tetrac		0.229	0.254	0.297	0.316	0.318	0.317	0.307	0.291	12.16
76)	TP	p/m Xylene		0.457	0.580	0.592	0.582	0.568	0.560	0.521	0.551	8.65
77)	TP	o Xylene		0.452	0.547	0.567	0.557	0.544	0.537	0.504	0.530	7.48
78)	TP	Styrene		0.669	0.851	0.925	0.924	0.891	0.874	0.819	0.850	10.42
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.195	0.199	0.254	0.296	0.300	0.307	0.317	0.267	19.35
82)	TP	Isopropylbenzene		1.950	2.370	2.584	2.628	2.832	2.871	2.853	2.584	12.90
83)	S	4-Bromofluorobenzene	0.810	0.791	0.772	0.781	0.788	0.788	0.810	0.848	0.798	2.99
84)	TP	Bromobenzene		0.597	0.596	0.613	0.618	0.623	0.628	0.638	0.616	2.52

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22431**
Calibration dates	**: 06/28/25 01:00 06/28/25 04:49**		

Calibration Files
L11 =V05250627N04.D L1 =V05250627N05.D L2 =V05250627N07.D L3 =V05250627N09.D L4 =V05250627N10.D
L6 =V05250627N11.D L8 =V05250627N12.D L10 =V05250627N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85)	TP	n-Propylbenzene		2.256	2.806	2.986	3.000	3.081	3.121	3.049	2.900	10.39
86)	TP	1,4-Dichlorobu		0.618	0.640	0.699	0.752	0.727	0.734	0.746	0.702	7.60
87)	TP	1,1,2,2-Tetrachloroethane	0.274	0.344	0.351	0.391	0.431	0.414	0.417	0.435	0.382	14.51
88)	TP	4-Ethyltoluene		1.871	2.373	2.583	2.590	2.613	2.633	2.557	2.460	11.12
89)	TP	2-Chlorotoluene		1.538	1.673	1.784	1.748	1.759	1.719	1.717	1.705	4.80
90)	TP	1,3,5-Trimethy		1.607	1.983	2.176	2.196	2.225	2.252	2.190	2.090	11.01
91)	TP	1,2,3-Trichlor		0.304	0.289	0.308	0.340	0.322	0.329	0.341	0.319	6.09
92)	TP	trans-1,4-Dich			0.096	0.120	0.141	0.127	0.134	0.139	0.126	13.15
93)	TP	4-Chlorotoluene		1.502	1.663	1.764	1.790	1.814	1.830	1.816	1.740	6.85
94)	TP	tert-Butylbenzene		1.395	1.820	1.921	1.949	1.991	2.024	1.984	1.869	11.72
97)	TP	1,2,4-Trimethy		1.413	1.782	2.051	2.134	2.200	2.219	2.170	1.996	14.88
98)	TP	sec-Butylbenzene		1.887	2.595	2.737	2.751	2.816	2.857	2.798	2.634	12.90
99)	TP	p-Isopropyltol		1.496	2.090	2.407	2.489	2.531	2.565	2.471	2.293	16.80
100)	TP	1,3-Dichlorobe		1.131	1.232	1.266	1.270	1.268	1.274	1.243	1.241	4.08
101)	TP	1,4-Dichlorobe		1.267	1.260	1.282	1.272	1.265	1.274	1.243	1.266	0.98
102)	TP	p-Diethylbenzene		0.838	1.147	1.351	1.440	1.509	1.535	1.497	1.331	19.14
103)	TP	n-Butylbenzene		1.184	1.647	1.854	1.958	2.017	2.050	1.999	1.816	17.09
104)	TP	1,2-Dichlorobe		1.024	1.084	1.128	1.152	1.141	1.140	1.123	1.113	4.04
105)	TP	1,2,4,5-Tetram			1.444	1.826	2.031	2.132	2.159	2.157	1.958	14.40
106)	TP	1,2-Dibromo-3-		0.045	0.047	0.059	0.071	0.070	0.072	0.075	0.063	19.81
107)	TP	1,3,5-Trichlor		0.689	0.782	0.840	0.887	0.906	0.903	0.888	0.842	9.57
108)	TP	Hexachlorobuta		0.263	0.315	0.323	0.337	0.360	0.366	0.360	0.332	10.91
109)	TP	1,2,4-Trichlor		0.577	0.601	0.694	0.759	0.766	0.754	0.748	0.700	11.35
110)	TP	Naphthalene		0.936	0.997	1.306	1.521	1.448	1.453	1.470	1.304	18.45
111)	TP	1,2,3-Trichlor		0.492	0.525	0.597	0.641	0.623	0.623	0.620	0.589	9.72

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA105		Calibration Date	: 07/24/25 08:53	
Lab File ID	: V05250724A05		Init. Calib. Date(s)	: 06/28/25	06/28/25
Sample No	: WG2095025-2		Init. Calib. Times	: 01:00	04:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	109	0
Dichlorodifluoromethane	0.265	0.266	-	-0.4	20	105	0
Chloromethane	0.298	0.27	-	9.4	20	98	0
Vinyl chloride	0.288	0.36	-	-25*	20	130	0
Bromomethane	10	11.47	-	-14.7	20	131	0
Chloroethane	0.162	0.24	-	-48.1*	20	150	0
Trichlorofluoromethane	0.364	0.437	-	-20.1*	20	122	0
Ethyl ether	0.094	0.124	-	-31.9*	20	144	0
1,1-Dichloroethene	0.19	0.252	-	-32.6*	20	137	0
Carbon disulfide	0.611	0.921	-	-50.7*	20	163	0
Freon-113	0.209	0.25	-	-19.6	20	122	0
Acrolein	0.029	0.046	-	-58.6*	20	174	0
Methylene chloride	0.237	0.257	-	-8.4	20	118	0
Acetone	0.039	0.036	-	7.7	20	94	0
trans-1,2-Dichloroethene	0.24	0.252	-	-5	20	109	0
Methyl acetate	0.104	0.092	-	11.5	20	101	0
Methyl tert-butyl ether	0.464	0.447	-	3.7	20	108	0
tert-Butyl alcohol	0.0094	0.00811*	-	13.7	20	98	0
Diisopropyl ether	0.79	0.718	-	9.1	20	99	0
1,1-Dichloroethane	0.479	0.521	-	-8.8	20	114	0
Halothane	0.19	0.181	-	4.7	20	98	0
Acrylonitrile	0.059	0.058	-	1.7	20	107	0
Ethyl tert-butyl ether	0.606	0.557	-	8.1	20	102	0
Vinyl acetate	0.392	0.316	-	19.4	20	98	0
cis-1,2-Dichloroethene	0.262	0.264	-	-0.8	20	106	0
2,2-Dichloropropane	0.336	0.392	-	-16.7	20	127	0
Bromochloromethane	0.119	0.119	-	0	20	100	0
Cyclohexane	0.529	0.481	-	9.1	20	93	0
Chloroform	0.428	0.463	-	-8.2	20	116	0
Ethyl acetate	0.148	0.118	-	20.3*	20	93	0
Carbon tetrachloride	0.344	0.356	-	-3.5	20	106	0
Tetrahydrofuran	0.048	0.043	-	10.4	20	94	0
Dibromofluoromethane	0.275	0.285	-	-3.6	20	113	0
1,1,1-Trichloroethane	0.378	0.418	-	-10.6	20	114	0
2-Butanone	0.061	0.056	-	8.2	20	106	0
1,1-Dichloropropene	0.3	0.309	-	-3	20	107	0
Benzene	0.941	0.996	-	-5.8	20	109	0
tert-Amyl methyl ether	0.431	0.384	-	10.9	20	101	0
1,2-Dichloroethane-d4	0.295	0.341	-	-15.6	20	121	0
1,2-Dichloroethane	0.297	0.322	-	-8.4	20	114	0
Methyl cyclohexane	0.409	0.343	-	16.1	20	89	0
Trichloroethene	0.261	0.256	-	1.9	20	109	0
Dibromomethane	0.126	0.123	-	2.4	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA105	Calibration Date	: 07/24/25 08:53
Lab File ID	: V05250724A05	Init. Calib. Date(s)	: 06/28/25 06/28/25
Sample No	: WG2095025-2	Init. Calib. Times	: 01:00 04:49
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.252	0.252	-	0	20	106	0
Bromodichloromethane	0.296	0.322	-	-8.8	20	117	0
1,4-Dioxane	0.00113	0.0009*	-	20.4*	20	89	0
cis-1,3-Dichloropropene	10	9.73	-	2.7	20	112	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.253	1.344	-	-7.3	20	110	0
Toluene	0.742	0.787	-	-6.1	20	106	0
4-Methyl-2-pentanone	0.063	0.05	-	20.6*	20	89	0
Tetrachloroethene	0.359	0.355	-	1.1	20	95	0
trans-1,3-Dichloropropene	10	10.268	-	-2.7	20	113	0
Ethyl methacrylate	0.226	0.193	-	14.6	20	93	0
1,1,2-Trichloroethane	0.17	0.177*	-	-4.1	20	104	0
Chlorodibromomethane	0.273	0.269	-	1.5	20	102	0
1,3-Dichloropropane	0.357	0.376	-	-5.3	20	106	0
1,2-Dibromoethane	0.204	0.203	-	0.5	20	99	0
2-Hexanone	0.102	0.081	-	20.6*	20	92	0
Chlorobenzene	0.865	0.859	-	0.7	20	102	0
Ethylbenzene	1.426	1.524	-	-6.9	20	106	0
1,1,1,2-Tetrachloroethane	0.291	0.288	-	1	20	100	0
p/m Xylene	0.551	0.594	-	-7.8	20	103	0
o Xylene	0.53	0.566	-	-6.8	20	103	0
Styrene	0.85	0.919	-	-8.1	20	102	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
Bromoform	0.267	0.243	-	9	20	101	0
Isopropylbenzene	2.584	2.443	-	5.5	20	99	0
4-Bromofluorobenzene	0.798	0.82	-	-2.8	20	110	0
Bromobenzene	0.616	0.565	-	8.3	20	97	0
n-Propylbenzene	2.9	3.008	-	-3.7	20	106	0
1,4-Dichlorobutane	0.702	0.679	-	3.3	20	102	0
1,1,2,2-Tetrachloroethane	0.382	0.372	-	2.6	20	100	0
4-Ethyltoluene	2.46	2.538	-	-3.2	20	103	0
2-Chlorotoluene	1.705	1.869	-	-9.6	20	110	0
1,3,5-Trimethylbenzene	2.09	2.112	-	-1.1	20	102	0
1,2,3-Trichloropropane	0.319	0.312	-	2.2	20	106	0
trans-1,4-Dichloro-2-buten	0.126	0.114	-	9.5	20	99	0
4-Chlorotoluene	1.74	1.854	-	-6.6	20	110	0
tert-Butylbenzene	1.869	1.772	-	5.2	20	97	0
1,2,4-Trimethylbenzene	1.996	1.985	-	0.6	20	102	0
sec-Butylbenzene	2.634	2.602	-	1.2	20	100	0
p-Isopropyltoluene	2.293	2.214	-	3.4	20	97	0
1,3-Dichlorobenzene	1.241	1.157	-	6.8	20	96	0
1,4-Dichlorobenzene	1.266	1.151	-	9.1	20	94	0
p-Diethylbenzene	1.331	1.245	-	6.5	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA105	**Calibration Date**	: 07/24/25 08:53
Lab File ID	: V05250724A05	**Init. Calib. Date(s)**	: 06/28/25 06/28/25
Sample No	: WG2095025-2	**Init. Calib. Times**	: 01:00 04:49
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.816	1.837	-	-1.2	20	104	0
1,2-Dichlorobenzene	1.113	1.017	-	8.6	20	95	0
1,2,4,5-Tetramethylbenzene	1.958	1.705	-	12.9	20	98	0
1,2-Dibromo-3-chloropropan	0.063	0.053	-	15.9	20	96	0
1,3,5-Trichlorobenzene	0.842	0.79	-	6.2	20	99	0
Hexachlorobutadiene	0.332	0.315	-	5.1	20	102	0
1,2,4-Trichlorobenzene	0.7	0.627	-	10.4	20	95	0
Naphthalene	1.304	1.096	-	16	20	88	0
1,2,3-Trichlorobenzene	0.589	0.531	-	9.8	20	93	0

* Value outside of QC limits.

SVOC Data Section

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QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV107 on 06-19-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-18-25 (WG2092337-3). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-18-25 (WG2092337-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 07-18-25 (WG2092337-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 3,3'-dichlorobenzidine was above the allowable maximum; 2 of 2 percent recoveries (%Rs) for 2,4-dinitrophenol were above QC limits; and 2 of 2 %Rs for 3,3'-dichlorobenzidine were below QC limits and one below 30% for aqueous MS/MSD sample MW-1. The "not detected" result for 3,3'-dichlorobenzidine should be considered rejected, unusable (R) in sample MW-1.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for p-chloro-m-cresol and 4-nitrophenol, and 1 of 2 %Rs for di-n-octylphthalate were above QC limits for aqueous samples WG2091134-2/3. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	18.	91	20	16.	80	13	40-140	30
3,3'-Dichlorobenzidine	20	16.	80	20	13.	64	22	40-140	30
2,4-Dinitrotoluene	20	23.	117	20	20.	102	14	48-143	30
2,6-Dinitrotoluene	20	23.	117	20	22.	112	4	40-140	30
4-Chlorophenyl phenyl ether	20	18.	88	20	16.	79	11	40-140	30
4-Bromophenyl phenyl ether	20	20.	99	20	17.	84	16	40-140	30
Bis(2-chloroisopropyl)ether	20	16.	78	20	14.	73	7	40-140	30
Bis(2-chloroethoxy)methane	20	20.	98	20	17.	87	12	40-140	30
Hexachlorocyclopentadiene	20	11.	54	20	12.	59	9	40-140	30
Isophorone	20	20.	100	20	19.	93	7	40-140	30
Nitrobenzene	20	18.	91	20	18.	90	1	40-140	30
NDPA/DPA	20	19.	96	20	16.	80	18	40-140	30
n-Nitrosodi-n-propylamine	20	18.	92	20	18.	89	3	29-132	30
Bis(2-ethylhexyl)phthalate	20	27.	136	20	24.	118	14	40-140	30
Butyl benzyl phthalate	20	28.	140	20	24.	119	16	40-140	30
Di-n-butylphthalate	20	24.	121	20	21.	104	15	40-140	30
Di-n-octylphthalate	20	30.	149 Q	20	25.	125	18	40-140	30
Diethyl phthalate	20	22.	110	20	19.	95	15	40-140	30
Dimethyl phthalate	20	20.	99	20	19.	93	6	40-140	30
Biphenyl	20	16.	82	20	15.	77	6	40-140	30
4-Chloroaniline	20	15.	77	20	15.	75	3	40-140	30
2-Nitroaniline	20	24.	122	20	21.	107	13	52-143	30
3-Nitroaniline	20	21.	107	20	18.	90	17	25-145	30
4-Nitroaniline	20	22.	111	20	19.	97	13	51-143	30
Dibenzofuran	20	18.	88	20	15.	77	13	40-140	30
1,2,4,5-Tetrachlorobenzene	20	15.	77	20	15.	77	0	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	21.	105	20	19.	97	8	39-129	30
2,4,6-Trichlorophenol	20	23.	116	20	20.	100	15	30-130	30
p-Chloro-m-cresol	20	25.	125 Q	20	22.	113 Q	10	23-97	30
2-Chlorophenol	20	17.	84	20	16.	80	5	27-123	30
2,4-Dichlorophenol	20	20.	98	20	20.	98	0	30-130	30
2,4-Dimethylphenol	20	14.	71	20	15.	76	7	30-130	30
2-Nitrophenol	20	21.	105	20	20.	101	4	30-130	30
4-Nitrophenol	20	25.	123 Q	20	20.	98 Q	23	10-80	30
2,4-Dinitrophenol	20	21.	104	20	17.	87	18	20-130	30
4,6-Dinitro-o-cresol	20	25.	124	20	20.	100	21	20-164	30
Phenol	20	11.	57	20	9.2	46	21	12-110	30
2-Methylphenol	20	17.	86	20	16.	80	7	30-130	30
3-Methylphenol/4-Methylphenol	20	17.	84	20	16.	80	5	30-130	30
2,4,5-Trichlorophenol	20	24.	119	20	23.	117	2	30-130	30
Carbazole	20	20.	99	20	17.	85	15	55-144	30
Atrazine	20	24.	122	20	21.	106	14	40-140	30
Benzaldehyde	20	20.	101	20	16.	82	21	40-140	30
Caprolactam	20	12.	59	20	11.	55	7	10-130	30
2,3,4,6-Tetrachlorophenol	20	24.	118	20	20.	102	15	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	20	15.	75		20	13.	65		14	40-140	30
3,3'-Dichlorobenzidine	ND	20	7.7	39	Q	20	5.1	26	Q	41 Q	40-140	30
2,4-Dinitrotoluene	ND	20	17.	85		20	17.	85		0	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90		20	17.	85		6	40-140	30
4-Chlorophenyl phenyl ether	ND	20	16.	80		20	15.	75		6	40-140	30
4-Bromophenyl phenyl ether	ND	20	19.	95		20	20.	100		5	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	13.	65		20	12.	60		8	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70		20	14.	70		0	40-140	30
Hexachlorocyclopentadiene	ND	20	13.J	65		20	11.J	55		17	40-140	30
Isophorone	ND	20	14.	70		20	13.	65		7	40-140	30
Nitrobenzene	ND	20	15.	75		20	14.	70		7	40-140	30
NDPA/DPA	ND	20	16.	80		20	15.	75		6	40-140	30
n-Nitrosodi-n-propylamine	ND	20	14.	70		20	14.	70		0	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	20.	100		20	20.	100		0	40-140	30
Butyl benzyl phthalate	ND	20	23.	120		20	24.	120		4	40-140	30
Di-n-butylphthalate	ND	20	18.	90		20	18.	90		0	40-140	30
Di-n-octylphthalate	ND	20	24.	120		20	25.	130		4	40-140	30
Diethyl phthalate	ND	20	16.	80		20	16.	80		0	40-140	30
Dimethyl phthalate	ND	20	16.	80		20	19.	95		17	40-140	30
Biphenyl	ND	20	15.	75		20	14.	70		7	40-140	30
4-Chloroaniline	ND	20	11.	55		20	9.1	46		19	40-140	30
2-Nitroaniline	ND	20	15.	75		20	15.	75		0	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	20	15.	75	20	14.	70	7	25-145	30
4-Nitroaniline	ND	20	19.	95	20	18.	90	5	51-143	30
Dibenzofuran	ND	20	14.	70	20	15.	75	7	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	14.	70	20	13.	65	7	2-134	30
Acetophenone	ND	20	14.	70	20	13.	65	7	39-129	30
2,4,6-Trichlorophenol	ND	20	17.	85	20	16.	80	6	30-130	30
p-Chloro-m-cresol	ND	20	17.	85	20	15.	75	13	23-97	30
2-Chlorophenol	ND	20	15.	75	20	15.	75	0	27-123	30
2,4-Dichlorophenol	ND	20	16.	80	20	14.	70	13	30-130	30
2,4-Dimethylphenol	ND	20	10.	50	20	7.5	38	29	30-130	30
2-Nitrophenol	ND	20	20.	100	20	18.	90	11	30-130	30
4-Nitrophenol	ND	20	9.4J	47	20	10.	50	6	10-80	30
2,4-Dinitrophenol	ND	20	28.	140 Q	20	28.	140 Q	0	20-130	30
4,6-Dinitro-o-cresol	ND	20	27.	140	20	28.	140	4	20-164	30
Phenol	ND	20	8.2	41	20	8.3	42	1	12-110	30
2-Methylphenol	ND	20	13.	65	20	12.	60	8	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	16.	80	20	15.	75	6	30-130	30
2,4,5-Trichlorophenol	ND	20	17.	85	20	17.	85	0	30-130	30
Carbazole	ND	20	16.	80	20	15.	75	6	55-144	30
Atrazine	ND	20	21.	110	20	22.	110	5	40-140	30
Benzaldehyde	ND	20	19.	95	20	18.	90	5	40-140	30
Caprolactam	ND	20	10.	50	20	11.	55	10	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/18/25 17:36
Matrix Spike	: WG2091134-4	MS Analysis Date	: 07/18/25 18:01
Matrix Spike Dup	: WG2091134-5	MSD Analysis Date	: 07/18/25 18:26

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	20	16.	80	20	16.	80	0	40-140	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.710	0.739	0.752	0.780	0.787	0.748	0.757	0.780	0.714	0.752	3.71
3)	t	Pyridine		1.132	1.190	1.405	1.411	1.379	1.314	1.336	1.281	1.306	7.74
4)	S	2-Fluorophenol	1.113	1.171	1.137	1.169	1.138	1.136	1.137	1.130	1.072	1.134	2.59
5)	T	Aniline		1.073	1.711	1.794	1.936	1.925	1.913	1.989	1.923	1.783	16.85
6)	t	2-Chlorophenol	1.053	1.145	1.278	1.267	1.276	1.264	1.233	1.257	1.239	1.224	6.19
7)	S	Phenol-d6	1.350	1.255	1.435	1.442	1.420	1.428	1.414	1.439	1.384	1.396	4.34
8)	T	Phenol	1.419	1.552	1.591	1.587	1.588	1.555	1.533	1.551	1.525	1.545	3.42
9)	T	Bis(2-chloroet	1.251	1.335	1.369	1.284	1.252	1.206	1.182	1.181	1.179	1.249	5.58
10)	T	1,3-Dichlorobe	1.661	1.623	1.838	1.627	1.630	1.575	1.525	1.571	1.618	1.630	5.41
11)	T	1,4-Dichlorobe	2.002	1.786	1.744	1.704	1.614	1.605	1.563	1.596	1.654	1.697	8.04
12)	T	1,2-Dichlorobe	1.686	1.683	1.683	1.643	1.595	1.544	1.526	1.587	1.639	1.621	3.75
13)	t	Benzyl alcohol		0.786	0.881	0.930	0.970	0.982	1.048	1.140	1.139	0.985	12.47
14)	T	Bis(2-chlorois	1.850	1.772	1.870	1.794	1.814	1.739	1.748	1.809	1.811	1.801	2.40
15)	T	2-Methylphenol	1.079	1.068	1.090	1.081	1.114	1.140	1.171	1.250	1.420	1.157	9.86
16)	T	Hexachloroethane	0.621	0.534	0.603	0.579	0.576	0.563	0.574	0.584	0.588	0.580	4.19
17)	T	n-Nitrosodi-n-	0.853	0.769	0.868	0.886	0.909	0.910	0.926	0.986	0.985	0.899	7.46
18)	T	3-Methylphenol	0.989	1.022	1.152	1.224	1.196	1.207	1.237	1.308	1.322	1.184	9.67
19)	S	Nitrobenzene-d5	0.741	0.991	1.161	1.202	1.212	1.252	1.265	1.351	1.316	1.166	16.30
20)	T	Nitrobenzene	1.111	1.064	1.194	1.229	1.311	1.296	1.303	1.369	1.380	1.251	8.82
21)	T	Isophorone	1.918	2.106	2.325	2.387	2.488	2.503	2.618	2.807	2.845	2.444	12.42
22)	T	2-Nitrophenol			0.353	0.400	0.433	0.472	0.530	0.621		*Q	0.9998
23)	T	2,4-Dimethylph	0.987	1.067	1.234	1.270	1.326	1.327	1.385	1.504	1.571	1.297	14.46
24)	T	Bis(2-chloroet	1.548	1.597	1.633	1.614	1.632	1.607	1.624	1.719	1.761	1.637	3.93
25)	T	2,4-Dichloroph	0.876	1.017	1.051	1.107	1.202	1.212	1.265	1.343	1.416	1.165	14.55
26)	T	1,2,4-Trichlor	1.714	1.557	1.535	1.520	1.526	1.445	1.459	1.537	1.616	1.545	5.23
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.885	0.883	0.738	0.906	0.788	0.787	0.827	0.732	0.718	0.807	8.87
29)	T	Acetophenone	2.099	2.081	1.987	2.116	1.978	1.874	1.975	1.988	2.154	2.028	4.39
30)	T	m-Toluidine				0.866	1.183	1.257	1.403	1.397	1.477	1.264	17.61
31)	T	2-Chloroaniline	1.265	1.489	1.346	1.557	1.543	1.463	1.507	1.525	1.618	1.479	7.41
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)		1,4-Dioxane		0.676	0.579	0.559	0.505	0.490	0.489	0.482	0.487	0.533	12.74
34)	T	n-Decane	1.674	1.529	1.630	1.441	1.432	1.478	1.537	1.531	1.582	1.537	5.30
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.210	1.233	1.201	1.139	1.057	1.033	1.030	1.016	1.012	1.103	8.33

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2543949
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV107	**Ical Ref**	: ICAL22419
Calibration dates	: 06/19/25 14:15 06/20/25 05:05		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid					0.115	0.138	0.184	0.206	0.212	*L	0.9990
38)	T	4-Chloroaniline	0.075	0.128	0.140	0.143	0.143	0.141	0.143	0.145	0.148	0.134	16.95
39)	T	Hexachlorobuta	0.259	0.261	0.284	0.241	0.235	0.223	0.223	0.219	0.230	0.242	9.04
40)	T	p-Chloro-m-cresol	0.254	0.233	0.263	0.277	0.282	0.292	0.312	0.322	0.330	0.285	11.39
41)	T	2-Methylnaphth	0.639	0.692	0.702	0.674	0.658	0.636	0.647	0.634	0.651	0.659	3.76
42)	T	1-Methylnaphth	0.263	0.274	0.279	0.265	0.246	0.239	0.244	0.239	0.252	0.256	5.95
43)	T	Hexachlorocycl	0.193	0.230	0.235	0.230	0.223	0.225	0.245	0.257	0.277	0.235	10.05
44)	T	2,4,6-Trichlor	0.203	0.182	0.218	0.231	0.227	0.242	0.254	0.275	0.285	0.235	14.05
45)	T	2,4,5-Trichlor	0.209	0.199	0.231	0.247	0.263	0.253	0.282	0.291	0.311	0.254	14.63
46)	S	2-Fluorobiphenyl	0.995	0.970	1.018	0.966	0.904	0.883	0.886	0.880	0.905	0.934	5.70
47)	T	2-Chloronaphth	0.785	0.788	0.833	0.800	0.742	0.714	0.723	0.727	0.753	0.763	5.33
48)	T	2-Nitroaniline			0.158	0.168	0.184	0.206	0.236	0.246	0.258	0.208	19.10
49)	T	1,4-Dinitroben					0.071	0.081	0.097	0.113	0.116	*L	0.9987
50)	T	1,3-Dinitroben					0.093	0.107	0.120	0.137	0.144	*L	0.9988
51)	T	Dimethyl phtha	0.758	0.842	0.920	0.912	0.877	0.872	0.897	0.932	0.941	0.883	6.39
52)	T	Acenaphthylene	1.102	1.104	1.254	1.251	1.209	1.204	1.203	1.233	1.266	1.203	5.07
53)	T	2,6-Dinitrotol			0.116	0.132	0.149	0.165	0.181	0.185	0.190	0.160	17.73
54)	T	1,2-Dinitroben				0.054	0.062	0.071	0.076	0.082	0.084	0.071	16.35
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.179	0.209	0.217	0.236	0.234	0.233	0.253	0.277	0.282	0.236	13.78
57)	T	3-Chloroaniline			0.120	0.141	0.142	0.140	0.144	0.143	0.140	0.139	5.91
58)	T	2,6-Dichlorophenol	0.195	0.205	0.213	0.245	0.250	0.251	0.267	0.289	0.307	0.247	15.29
59)	T	1-chloro-2-nitrobenzene	0.101	0.097	0.093	0.095	0.105	0.104	0.117	0.132	0.143	0.110	15.94
60)	T	Caprolactam			0.091	0.102	0.107	0.112	0.130	0.153	0.167	*L	0.9909
61)	T	1,2,4,5-Tetrachloroben...	0.420	0.434	0.413	0.425	0.398	0.376	0.386	0.412	0.436	0.411	5.08
62)	T	Biphenyl	0.928	0.944	0.923	0.956	0.918	0.864	0.879	0.955	1.017	0.932	4.84
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline			0.229	0.258	0.289	0.299	0.322	0.344	0.347	0.298	14.70
65)	T	Acenaphthene	1.262	1.221	1.250	1.195	1.125	1.081	1.106	1.142	1.152	1.170	5.51
66)	T	2,4-Dinitrophenol		0.021	0.060	0.074	0.080	0.093	0.114	0.146		*Q	0.9994
67)	T	Dibenzofuran	2.158	2.138	2.116	1.990	1.941	1.869	1.872	1.942	1.946	1.997	5.62
68)	T	2,4-Dinitrotol		0.201	0.252	0.290	0.335	0.355	0.408	0.456	0.468	*Q	0.9983
69)	T	4-Nitrophenol		0.302	0.172	0.201	0.215	0.229	0.251	0.278	0.277	0.240	18.41
70)	T	2,3,5,6-Tetrac			0.278	0.294	0.317	0.332	0.362	0.392	0.398	0.339	13.77
71)	T	2,3,4,6-Tetrachlorophenol		0.254	0.349	0.319	0.394	0.392	0.423	0.441	0.444	0.377	17.50
72)	T	Diethyl phthalate	1.295	1.244	1.363	1.433	1.390	1.378	1.439	1.520	1.503	1.396	6.44

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.489	1.517	1.546	1.510	1.452	1.427	1.443	1.467	1.480	1.481	2.59
74)	T	4-Chlorophenyl	0.899	0.798	0.800	0.767	0.720	0.702	0.693	0.718	0.721	0.757	8.78
75)	T	4-Nitroaniline			0.223	0.267	0.283	0.296	0.325	0.355	0.341	0.298	15.39
76)	T	4,6-Dinitro-o-			0.092	0.102	0.124	0.136	0.172	0.209		*Q	0.9989
77)	T	NDPA/DPA	1.233	1.199	1.299	1.255	1.259	1.231	1.258	1.332	1.354	1.269	3.97
78)	T	Azobenzene	1.170	1.228	1.324	1.368	1.362	1.327	1.373	1.405	1.378	1.326	5.84
79)	S	2,4,6-Tribromo		0.132	0.158	0.161	0.173	0.175	0.183	0.211	0.208	0.175	14.80
80)	T	4-Bromophenyl	0.424	0.474	0.462	0.435	0.429	0.418	0.429	0.445	0.457	0.442	4.33
81)	T	Hexachlorobenzene	0.564	0.514	0.524	0.480	0.471	0.448	0.448	0.466	0.475	0.488	7.91
82)	T	Pentachlorophenol		0.116	0.149	0.166	0.208	0.230	0.271	0.304	0.316	*Q	0.9979
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran		0.067	0.073	0.081	0.094	0.093	0.116			0.088	19.81
85)	T	Pentachloronitrobenzene		0.065	0.077	0.100	0.111	0.115	0.128	0.160	0.178	*Q	0.9986
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.205	0.198	0.222	0.257	0.280	0.311	0.331	0.432	0.477	*Q	0.9977
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.411	1.322	1.332	1.257	1.189	1.136	1.144	1.134	1.168	1.233	8.27
90)	T	Anthracene	1.204	1.138	1.206	1.192	1.150	1.141	1.154	1.169	1.224	1.175	2.72
91)	T	Carbazole	0.910	0.998	1.055	1.074	1.075	1.061	1.117	1.153	1.237	1.076	8.57
92)	T	Di-n-butylphth			0.810	0.899	1.023	1.105	1.327	1.389	1.425	*L	0.9974
93)	T	Fluoranthene	1.249	1.190	1.335	1.358	1.339	1.318	1.444	1.392	1.402	1.336	5.84
94)	T	Benzidine			0.205	0.346	0.571	0.693	0.836	0.873	0.975	*L	0.9944
95)	T	Pyrene	1.368	1.266	1.515	1.510	1.432	1.378	1.481	1.428	1.506	1.432	5.81
96)	S	4-Terphenyl-d14	0.951	0.931	1.014	1.030	0.976	0.964	1.029	1.020	1.089	1.000	4.91
97)	T	Butyl benzyl p		0.205	0.222	0.239	0.296	0.365	0.480	0.534		*Q	0.9950
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid			0.267	0.317	0.377	0.372	0.443	0.523	0.567	*L	0.9912
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane			0.315	0.345	0.384	0.413	0.458	0.495	0.528	0.420	18.68
102)	T	Parathion			0.039	0.040	0.045	0.047	0.059	0.093	0.112	*Q	0.9956
103)	T	3,3'-Dimethylb					0.234	0.304	0.515	0.759	0.846	*L	0.9902
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo(a)anthra	1.388	1.262	1.276	1.371	1.412	1.405	1.471	1.488	1.379	1.384	5.50
106)	T	3,3'-Dichlorob			0.307	0.362	0.437	0.462	0.517	0.540	0.532	0.451	19.78
107)	T	Chrysene	1.681	1.560	1.568	1.456	1.383	1.265	1.292	1.315	1.293	1.424	10.52
108)	T	Bis(2-ethylhex		0.325	0.387	0.414	0.544	0.621	0.773	0.826	0.832	*Q	0.9965

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2543949**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphth			0.523	0.540	0.745	0.914	1.235	1.392		*Q	0.9959
110)	T	Benzo(b)fluora	1.016	0.959	1.158	1.210	1.236	1.240	1.282	1.268	1.262	1.181	9.87
111)	T	Benzo(k)fluora	0.965	1.115	1.339	1.202	1.343	1.208	1.240	1.272	1.237	1.214	9.61
112)	T	Benzo(a)pyrene	0.900	0.854	1.062	1.047	1.169	1.153	1.201	1.210	1.203	1.089	12.32
113)	I	IS1_Perylene-d12	----------ISTD----------										
114)	T	Indeno(1,2,3-c	0.854	0.627	0.831	0.887	1.051	1.040	1.115	1.096	1.137	0.960	17.77
115)	T	Dibenzo(a,h)an	0.718	0.793	0.961	1.006	1.085	1.053	1.098	1.113	1.140	0.996	14.90
116)	T	Benzo(ghi)pery	1.054	0.946	1.116	1.121	1.145	1.118	1.137	1.042	0.914	1.066	7.96

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: SV107	Calibration Date	: 07/18/25 11:45
Lab File ID	: ABN0718	Init. Calib. Date(s)	: 06/19/25 06/20/25
Sample No	: WG2092337-3	Init. Calib. Times	: 14:15 05:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	88	0
n-Nitrosodimethylamine	0.752	0.689	-	8.4	20	81	0
Pyridine	1.306	1.179	-	9.7	20	75	0
2-Fluorophenol	1.134	1.01	-	10.9	20	78	0
Aniline	1.783	1.586	-	11	20	73	0
2-Chlorophenol	1.224	1.116	-	8.8	20	78	0
Phenol-d6	1.396	1.224	-	12.3	20	76	0
Phenol	1.545	1.329	-	14	20	75	0
Bis(2-chloroethyl)ether	1.249	1.03	-	17.5	20	75	0
1,3-Dichlorobenzene	1.63	1.338	-	17.9	20	75	0
1,4-Dichlorobenzene	1.697	1.365	-	19.6	20	75	0
1,2-Dichlorobenzene	1.621	1.314	-	18.9	20	75	0
Benzyl alcohol	0.985	0.795	-	19.3	20	71	0
Bis(2-chloroisopropyl)ethe	1.801	1.437	-	20.2*	20	73	0
2-Methylphenol	1.157	0.965	-	16.6	20	75	0
Hexachloroethane	0.58	0.486	-	16.2	20	76	0
n-Nitrosodi-n-propylamine	0.899	0.747	-	16.9	20	72	0
3-Methylphenol/4-Methylphe	1.184	1.202	-	-1.5	20	88	0
Nitrobenzene-d5	1.166	1.266	-	-8.6	20	89	0
Nitrobenzene	1.251	1.098	-	12.2	20	75	0
Isophorone	2.444	2.039	-	16.6	20	72	0
2-Nitrophenol	5	5.453	-	-9.1	20	99	0
2,4-Dimethylphenol	1.297	1.123	-	13.4	20	75	0
Bis(2-chloroethoxy)methane	1.637	1.368	-	16.4	20	75	0
2,4-Dichlorophenol	1.165	1.054	-	9.5	20	77	0
1,2,4-Trichlorobenzene	1.545	1.25	-	19.1	20	76	0
IS1_Naphthalene-d8	1	1	-	0	20	88	0
Naphthalene	1.103	0.887	-	19.6	20	75	0
Benzoic Acid	5	5.67	-	-13.4	20	118	0
4-Chloroaniline	0.134	0.103	-	23.1*	20	64	0
Hexachlorobutadiene	0.242	0.19	-	21.5*	20	75	0
p-Chloro-m-cresol	0.285	0.256	-	10.2	20	77	0
2-Methylnaphthalene	0.659	0.654	-	0.8	20	90	0
1-Methylnaphthalene	0.256	0.193	-	24.6*	20	71	0
Hexachlorocyclopentadiene	0.235	0.237	-	-0.9	20	93	0
2,4,6-Trichlorophenol	0.235	0.224	-	4.7	20	81	0
2,4,5-Trichlorophenol	0.254	0.251	-	1.2	20	87	0
2-Fluorobiphenyl	0.934	0.761	-	18.5	20	76	0
2-Chloronaphthalene	0.763	0.63	-	17.4	20	77	0
2-Nitroaniline	0.208	0.183	-	12	20	78	0
1,4-Dinitrobenzene	5	5.246	-	-4.9	20	102	0
1,3-Dinitrobenzene	5	5.012	-	-0.2	20	92	0
Dimethyl phthalate	0.883	0.9	-	-1.9	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV107		Calibration Date	: 07/18/25 11:45	
Lab File ID	: ABN0718		Init. Calib. Date(s)	: 06/19/25	06/20/25
Sample No	: WG2092337-3		Init. Calib. Times	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.203	1.062	-	11.7	20	77	0
2,6-Dinitrotoluene	0.16	0.165	-	-3.1	20	87	0
1,2-Dinitrobenzene	0.071	0.074	-	-4.2	20	91	0
IS1_Acenaphthene-d10	1	1	-	0	20	90	0
3-Nitroaniline	0.298	0.282	-	5.4	20	85	0
Acenaphthene	1.17	0.936	-	20	20	78	0
2,4-Dinitrophenol	5	7.253	-	-45.1*	20	144	0
Dibenzofuran	1.997	1.591	-	20.3*	20	77	0
2,4-Dinitrotoluene	5	4.713	-	5.7	20	93	0
4-Nitrophenol	0.24	0.201	-	16.2	20	79	0
2,3,5,6-Tetrachlorophenol	0.339	0.336	-	0.9	20	91	0
2,3,4,6-Tetrachlorophenol	0.377	0.325	-	13.8	20	75	0
Diethyl phthalate	1.396	1.21	-	13.3	20	79	0
Fluorene	1.481	1.267	-	14.4	20	80	0
4-Chlorophenyl phenyl ethe	0.757	0.588	-	22.3*	20	75	0
4-Nitroaniline	0.298	0.308	-	-3.4	20	94	0
4,6-Dinitro-o-cresol	5	7.137	-	-42.7*	20	145	0
NDPA/DPA	1.269	1.093	-	13.9	20	80	0
Azobenzene	1.326	1.045	-	21.2*	20	71	0
2,4,6-Tribromophenol	0.175	0.185	-	-5.7	20	95	0
4-Bromophenyl phenyl ether	0.442	0.475	-	-7.5	20	102	0
Hexachlorobenzene	0.488	0.502	-	-2.9	20	101	0
Pentachlorophenol	5	4.778	-	4.4	20	95	0
IS1_Phenanthrene-d10	1	1	-	0	20	93	0
Phenanthrene	1.233	0.953	-	22.7*	20	78	0
Anthracene	1.175	0.949	-	19.2	20	78	0
Carbazole	1.076	0.869	-	19.2	20	76	0
Di-n-butylphthalate	5	3.974	-	20.5*	20	86	0
Fluoranthene	1.336	1.123	-	15.9	20	80	0
Benzidine	5	4.24	-	15.2	20	92	0
Pyrene	1.432	1.163	-	18.8	20	79	0
4-Terphenyl-d14	1	0.836	-	16.4	20	81	0
Butyl benzyl phthalate	5	5.359	-	-7.2	20	108	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.384	1.157	-	16.4	20	76	0
3,3'-Dichlorobenzidine	0.451	0.424	-	6	20	84	0
Chrysene	1.424	1.07	-	24.9*	20	78	0
Bis(2-ethylhexyl)phthalate	5	4.619	-	7.6	20	97	0
Di-n-octylphthalate	5	5.311	-	-6.2	20	108	0
Benzo(b)fluoranthene	1.181	1.094	-	7.4	20	81	0
Benzo(k)fluoranthene	1.214	1.067	-	12.1	20	81	0
Benzo(a)pyrene	1.089	1.008	-	7.4	20	80	0
IS1_Perylene-d12	1	1	-	0	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2543949	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV107		**Calibration Date**	: 07/18/25 11:45	
Lab File ID	: ABN0718		**Init. Calib. Date(s)**	: 06/19/25	06/20/25
Sample No	: WG2092337-3		**Init. Calib. Times**	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.96	1.052	-	-9.6	20	95	0
Dibenzo(a,h)anthracene	0.996	0.97	-	2.6	20	87	0
Benzo(ghi)perylene	1.066	1.012	-	5.1	20	85	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within the USEPS SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for pentachlorophenol and indeno(1,2,3-cd)pyrene were above the allowable maximum (20%) on 07-16-25 (WG2091332-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2091137-1BLANK contained traces of benzo(a)anthracene (0.04 ug/L), dibenzo(a,h)anthracene (0.06 ug/L), pentachlorophenol (0.18 ug/L), and hexachlorobenzene (0.02 ug/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

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Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091137-2/3.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2091137-1	Date Collected	: NA
Client ID	: WG2091137-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/16/25 17:29
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 091137-1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	0.06	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV120		Calibration Date	: 07/16/25 10:25	
Lab File ID	: CCV0716A		Init. Calib. Date(s)	: 07/03/25	07/03/25
Sample No	: WG2091332-3		Init. Calib. Times	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	89	0
N-Nitrosodimethylamine	0.65	0.625	.05	3.8	20	85	0
2-Fluorophenol	1.059	1.094	.05	-3.3	20	90	0
Phenol-d6	1.308	1.375	.05	-5.1	20	92	0
Bis(2-chloroethyl)ether	1.132	1.103	.05	2.6	20	86	0
n-nitrosodi-n-propylamine	0.77	0.723	.05	6.1	20	81	0
Hexachloroethane	0.47	0.49	.05	-4.3	20	92	0
Nitrobenzene-d5	0.938	1.081	.05	-15.2	20	98	0
Naphthalene-d8	1	1	.05	0	20	90	0
Naphthalene	1.003	0.935	.05	6.8	20	86	0
Hexachlorobutadiene	0.191	0.187	.05	2.1	20	88	0
2-Methylnaphthalene	0.617	0.6	.05	2.8	20	87	0
1-Methylnaphthalene	0.647	0.613	.05	5.3	20	85	0
2-Fluorobiphenyl	0.824	0.786	.05	4.6	20	85	0
2-Chloronaphthalene	0.686	0.645	.05	6	20	84	0
2,6-Dinitrotoluene	1000	952.439	.05	4.8	20	97	0
Acenaphthylene	1.068	1.036	.05	3	20	82	0
Acenaphthene-d10	1	1	.05	0	20	87	0
Acenaphthene	1.231	1.173	.05	4.7	20	83	0
2,4-Dinitrotoluene	1000	983.629	.05	1.6	20	96	0
Fluorene	1.381	1.347	.05	2.5	20	82	0
2,4,6-Tribromophenol	1000	1168.226	.05	-16.8	20	108	0
Phenanthrene-d10	1	1	.05	0	20	87	0
4,6-Dinitro-o-cresol	1000	1256.894	.05	-25.7*	20	116	0
Hexachlorobenzene	0.232	0.232	.05	0	20	87	0
Pentachlorophenol	1000	1351.751	.05	-35.2*	20	126	0
Phenanthrene	1.068	0.991	.05	7.2	20	82	0
Anthracene	1.029	0.97	.05	5.7	20	80	0
Fluoranthene	1.156	1.083	.05	6.3	20	78	0
Pyrene	1.203	1.127	.05	6.3	20	77	0
Benzidine	1000	535.005	.05	46.5*	20	56	0
4-Terphenyl-d14	0.83	0.787	.05	5.2	20	77	0
Chrysene-d12	1	1	.05	0	20	80	0
Benzo[a]anthracene	1000	945.274	.05	5.5	20	76	0
3,3'-Dichlorobenzidine	1000	891.56	.05	10.8	20	79	0
Chrysene	1.25	1.172	.05	6.2	20	75	0
Bis(2-ethylhexyl)phthalate	1000	941.174	.05	5.9	20	78	0
Perylene-d12	1	1	.05	0	20	78	0
Benzo[b]fluoranthene	0.995	1.143	.05	-14.9	20	83	0
Benzo[k]fluoranthene	1.096	1.149	.05	-4.8	20	70	0
Benzo[a]pyrene	0.893	1	.05	-12	20	76	0
Indeno[1,2,3-cd]pyrene	0.7	0.841	.05	-20.1*	20	87	0
Dibenzo[a,h]anthracene	1000	1048.702	.05	-4.9	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2543949	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV120		**Calibration Date**	: 07/16/25 10:25	
Lab File ID	: CCV0716A		**Init. Calib. Date(s)**	: 07/03/25	07/03/25
Sample No	: WG2091332-3		**Init. Calib. Times**	: 19:33	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	0.845	0.958	.05	-13.4	20	79	0

* Value outside of QC limits.

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane and not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091265-2/3.

Compound ID: Checked surrogate results were within quantitation limits.

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Pesticide Data Section

ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The percent recoveries for target pesticides were within QC limits, but relative percent difference for endrin ketone was above the allowable maximum for aqueous MS/MSD sample MW-1. Sample MW-1 reported endrin ketone as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2090943-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %D for methoxychlor was above the allowable maximum (20%) for the B channel on 07-16-25 (11250716a-37). Positive results for methoxychlor should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported single component pesticides as not detected.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

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Matrix Spike Sample Summary
Form 3
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2543949-01	Analysis Date	: 07/16/25 08:46
Matrix Spike	: WG2090943-4	MS Analysis Date	: 07/16/25 08:58
Matrix Spike Dup	: WG2090943-5	MSD Analysis Date	: 07/16/25 09:11

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Delta-BHC	ND	0.5	0.272	54	0.5	0.282	56	4	30-150	30
Lindane	ND	0.5	0.382	76	0.5	0.403	81	5	30-150	30
Alpha-BHC	ND	0.5	0.380	76	0.5	0.401	80	5	30-150	30
Beta-BHC	ND	0.5	0.371	74	0.5	0.379	76	2	30-150	30
Heptachlor	ND	0.5	0.302	60	0.5	0.384	77	24	30-150	30
Aldrin	ND	0.5	0.267	53	0.5	0.333	67	22	30-150	30
Heptachlor epoxide	ND	0.5	0.351	70	0.5	0.409	82	15	30-150	30
Endrin	ND	0.5	0.361	72	0.5	0.402	80	11	30-150	30
Endrin aldehyde	ND	0.5	0.300	60	0.5	0.318	64	6	30-150	30
Endrin ketone	ND	0.5	0.304	61	0.5	0.427	85	34 Q	30-150	30
Dieldrin	ND	0.5	0.343	69	0.5	0.398	80	15	30-150	30
4,4'-DDE	ND	0.5	0.314	63	0.5	0.395	79	23	30-150	30
4,4'-DDD	ND	0.5	0.342	68	0.5	0.398	80	15	30-150	30
4,4'-DDT	ND	0.5	0.385	77	0.5	0.425	85	10	30-150	30
Endosulfan I	ND	0.5	0.288	58	0.5	0.384	77	29	30-150	30
Endosulfan II	ND	0.5	0.345	69	0.5	0.394	79	13	30-150	30
Endosulfan sulfate	ND	0.5	0.325	65	0.5	0.355	71	9	30-150	30
Methoxychlor	ND	0.5	0.326	65	0.5	0.375	75	14	30-150	30
cis-Chlordane	ND	0.5	0.284	57	0.5	0.361	72	24	30-150	30
trans-Chlordane	ND	0.5	0.345	69	0.5	0.382	76	10	30-150	30

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2543949	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST11		Calibration Date	: 07/16/25 12:45	
Lab File ID	: 11250716a-37		Init. Calib. Date(s)	: 07/09/25	07/09/25
Sample No	: WG2091205-4		Init. Calib. Times	: 12:46	17:34
Channel	: B				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	144	0
2,4,5,6-Tetrachloro-m-xyl	1.529	1.301	-	14.9	20	129	0
Hexachlorobenzene	1.609	1.378	-	14.4	20	133	0
alpha-BHC	1.619	1.779	-	-9.9	20	161	0
gamma-BHC (lindane)	1.478	1.535	-	-3.9	20	158	0
beta-BHC	0.695	0.726	-	-4.5	20	163	0
delta-BHC	1.457	1.625	-	-11.5	20	165	0
Heptachlor	1.307	1.262	-	3.4	20	147	0
Aldrin	1.492	1.585	-	-6.2	20	159	0
Alachlor	0.188	0.188	-	0	20	149	0
Chlorpyrifos	0.652	0.638	-	2.1	20	160	0
Heptachlor Epoxide	1.232	1.281	-	-4	20	160	0
gamma-Chlordane (trans)	1.417	1.495	-	-5.5	20	162	0
alpha-Chlordane (cis)	1.403	1.444	-	-2.9	20	160	0
4,4'-DDE	1.412	1.5	-	-6.2	20	160	0
Endosulfan I	1.244	1.306	-	-5	20	162	0
Dieldrin	1.417	1.398	-	1.3	20	160	0
Endrin	1.193	1.182	-	0.9	20	151	0
4,4'-DDD	1.028	1.003	-	2.4	20	150	0
Endosulfan II	1.101	1.057	-	4	20	150	0
4,4'-DDT	1.033	0.892	-	13.6	20	136	0
Endrin Aldehyde	0.901	0.834	-	7.4	20	144	0
Methoxychlor	0.586	0.444	-	24.2*	20	123	0
Mirex	0.943	0.721	-	23.5*	20	127	0
Endosulfan Sulfate	1.078	0.946	-	12.2	20	141	0
Endrin Ketone	1.192	0.97	-	18.6	20	129	0
Decachlorobiphenyl	1.147	0.758	-	33.9*	20	110	0

* Value outside of QC limits.

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2091158-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of ground water samples reported target compounds as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: Method blank WG2092151-1BLANK contained a trace of 6:2FTS (1.86 ng/L). Positive results for 6:2FTS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for 6:2FTS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Surrogate Recovery: Three of eighteen surrogate recoveries for sample MW-1 were above QC limits. One of eighteen surrogate recoveries for samples MW-2 and MW-5 was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous sample WG2092151-3.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-1 (L2543949-01)	108	105	134*	96	99	148*	108
MW-2 (L2543949-02)	95	99	120	83	85	140*	95
MW-5 (L2543949-03)	92	88	112	69	71	127	81
25FB-1 (L2543949-04)	99	93	116	87	91	130	100
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-1BLANK	108	102	131	99	100	143*	110
WG2092151-2LCS	99	93	129	90	90	139*	105
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-1MS	100	99	126	86	86	139*	93
MW-1MSD	121	124	147*	106	109	160*	123

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(62-129) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-1 (L2543949-01)	154*	86	100	97	111	79	85
MW-2 (L2543949-02)	124	84	102	91	110	104	88
MW-5 (L2543949-03)	166*	65	89	69	102	63	61
25FB-1 (L2543949-04)	100	90	98	97	103	92	92
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-1BLANK	121	99	108	106	119	95	95
WG2092151-2LCS	122	84	106	96	122	93	89
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
MW-1MS	143	73	99	90	106	82	83
MW-1MSD	159*	98	114	107	120	96	89

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(55-137) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2543949
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-1 (L2543949-01)	19	81	82	85	--	--	--	3
MW-2 (L2543949-02)	14	94	84	78	--	--	--	1
MW-5 (L2543949-03)	15	56	57	57	--	--	--	1
25FB-1 (L2543949-04)	25	94	85	82	--	--	--	0
WG2092151-1BLANK	86	NA	NA	NA	--	--	--	0
WG2092151-1BLANK	30	97	87	78	--	--	--	1
WG2092151-2LCS	26	81	78	64	--	--	--	1
WG2092151-2LCS	80	NA	NA	NA	--	--	--	0
MW-1MS	28	72	77	74	--	--	--	1
MW-1MSD	18	90	85	90	--	--	--	3

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.86	2.00	1.33	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/22/25 10:42
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250722_09	Analyst	: PS
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U

Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2092062-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %D for 2,4-D was above the allowable maximum (15%) for channel A on 07-19-25 (15250719a-01). The %D for 2,4,5-T was above the allowable maximum (15%) for channel B on 07-19-25 (15250719a-01). Positive results for these herbicides should be considered estimated (J) in associated samples.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported target herbicides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	99	0
Dalapon	0.182	0.227	-	-24.7*	15	121	0
DCAA (surrogate)	0.187	0.195	-	-4.3	15	104	0
Dicamba	0.596	0.602	-	-1	15	102	0
MCPP	18.8	13.428	-	28.6*	15	71	0
MCPA	18.6	14.746	-	20.7*	15	79	0
Dichloroprop	0.19	0.194	-	-2.1	15	101	0
2,4-D	0.22	0.093	-	57.7*	15	43	0
2,4,5-TP (Silvex)	0.79	0.81	-	-2.5	15	103	0
2,4,5-T	0.759	0.838	-	-10.4	15	113	0
2,4-DB	0.127	0.118	-	7.1	15	95	0
Dinoseb	0.405	0.694	-	-71.4*	15	172	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	97	0
Dalapon	0.182	0.196	-	-7.7	15	106	0
DCAA (surrogate)	0.194	0.188	-	3.1	15	96	0
Dicamba	0.605	0.587	-	3	15	96	0
MCPP	0.00069	0.00069	-	0	15	99	0
MCPA	0.00119	0.00117	-	1.7	15	98	0
Dichloroprop	0.19	0.184	-	3.2	15	96	0
2,4-D	0.235	0.226	-	3.8	15	96	0
2,4,5-TP (Silvex)	0.854	0.774	-	9.4	15	89	0
2,4,5-T	0.821	0.648	-	21.1*	15	79	0
2,4-DB	0.13	0.112	-	13.8	15	87	0
Dinoseb	0.424	0.476	-	-12.3	15	112	0

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2543949

3 Ground Water Samples and 1 Field Blank
Collected July 14, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: One of two percent recoveries for potassium was above control limits (75-125%) for aqueous MS/MSD sample MW-1. Positive results for potassium should be considered estimated, biased high (J+) in associated aqueous samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous MS/MSD sample MW-1, as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2093714-2 and WG2093718-2.

Serial Dilution: The %D for the magnesium was above the allowable maximum (10%) for aqueous serial dilution sample MW-1. Positive results for magnesium that are above the RL should be considered estimated (J) in associated aqueous samples.

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Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix	: WATER
Lab Sample ID	: L2543949-01		
Matrix Spike	: WG2093714-3	MS Analysis Date	: 08/01/25 16:50
Matrix Spike Dup	: WG2093714-4	MSD Analysis Date	: 08/01/25 16:55

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	0.0146	2	2.12	105	2	2.12	105	0	75-125	20
Antimony, Total	ND	0.5	0.5022	100	0.5	0.5222	104	4	75-125	20
Arsenic, Total	0.00310	0.12	0.1373	112	0.12	0.1356	110	1	75-125	20
Barium, Total	0.3138	2	2.383	103	2	2.461	107	3	75-125	20
Beryllium, Total	ND	0.05	0.04945	99	0.05	0.05141	103	4	75-125	20
Cadmium, Total	ND	0.053	0.05473	103	0.053	0.05605	106	2	75-125	20
Calcium, Total	238.	10	245.	NA	10	242.	NA	1	75-125	20
Chromium, Total	0.00039J	0.2	0.2157	108	0.2	0.2190	110	2	75-125	20
Cobalt, Total	0.00115	0.5	0.5289	106	0.5	0.5442	109	3	75-125	20
Copper, Total	0.00052J	0.25	0.2673	107	0.25	0.2686	107	0	75-125	20
Iron, Total	35.1	1	36.7	NA	1	36.3	120	1	75-125	20
Lead, Total	0.00446	0.53	0.5790	108	0.53	0.5881	110	2	75-125	20
Magnesium, Total	49.0	10	75.3	NA	10	76.0	NA	1	75-125	20
Manganese, Total	0.9205	0.5	1.459	108	0.5	1.455	107	0	75-125	20
Nickel, Total	0.00111J	0.5	0.5386	108	0.5	0.5443	109	1	75-125	20
Potassium, Total	32.8	10	48.2	154 Q	10	43.0	102	11	75-125	20
Selenium, Total	ND	0.12	0.128	107	0.12	0.134	112	5	75-125	20
Silver, Total	ND	0.05	0.05182	104	0.05	0.05349	107	3	75-125	20
Sodium, Total	188.	10	216.	NA	10	215.	NA	0	75-125	20
Thallium, Total	ND	0.12	0.1235	103	0.12	0.1295	108	5	75-125	20
Vanadium, Total	ND	0.5	0.5456	109	0.5	0.5411	108	1	75-125	20
Zinc, Total	0.00685J	0.5	0.5296	106	0.5	0.5302	106	0	75-125	20

NA - The sample concentration was greater than 4X the spiking level; therefore, the %R is not applicable.

Form 8
Serial Dilutions

Client	: Vektor Consultants, LLC	Lab Number	: L2543949
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: MW-1	Matrix	: WATER
Lab Sample ID	: L2543949-01	Analysis Date	: 08/01/25 16:45
Serial Dilution ID	: WG2093714-6	Analysis Date	: 08/01/25 17:06

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Barium, Total	0.3138	0.2945	6	20
Calcium, Total	238.	226.	5	20
Iron, Total	35.1	34.0	3	20
Magnesium, Total	49.0	62.0	27*	20
Manganese, Total	0.9205	0.8816	4	20
Potassium, Total	32.8	30.9	6	20
Sodium, Total	188.	196.	4	20

L2544316

ALPHA GEOSCIENCE

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Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatiles, SIM Semi-volatiles, 1,4-dioxane, PFAS, herbicides, PCBs, pesticides, and TAL metals analyses for 3 ground water samples.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" volatile result for 4-methyl-2-pentanone was qualified as "estimated" (UJ) for sample MW-6 because 1 of 2 percent recoveries for 4-methyl-2-pentanone was below QC limits, but below 30% in the associated aqueous LCS/LCSD.

- The "not detected" volatile result for 1,4-dioxane was qualified as "rejected, unusable" (R) for sample MW-6 because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.

- The "not detected" volatile results for 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene were qualified as "estimated" (UJ) for samples MW-7 and MW-3 because 1 or 2 percent recoveries for 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene were below QC limits, but below 30% in the associated aqueous LCS/LCSD.

- The positive semi-volatile result for di-n-butylphthalate was qualified as "estimated" (J) for sample MW-6 because %D for di-n-butylphthalate was above the allowable maximum in the associated continuing calibration verification sample.

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- The positive SIM semi-volatile result for benzo(a)anthracene was qualified as "not detected" (U) for sample MW-7 because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive PFAS results for 6:2FTS were qualified as "not detected" (U) at the reporting limits for samples MW-6 and MW-3 because the samples were associated with an method blank containing 6:2FTS and reported concentrations for 6:2FTS were below the reporting limits.

- The positive PFAS result for 6:2FTS was qualified as "estimated, biased high" (J+) for sample MW-7 because the result for 6:2FTS was above the reporting limits but not greater than 10 times the associated blank level.

- The positive metal results for calcium were qualified as estimated, biased high (J+) for all 3 ground water samples because the percent recovery for calcium were above control limits in the associated interference check sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J+, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 10:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250728A10	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 10:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250728A10	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	0.24	2.5	0.17	J	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	4.2	5.0	1.5	J	
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544316-01	**Date Collected**	: 07/15/25 10:40
Client ID	: MW-6	**Date Received**	: 07/15/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/28/25 10:36
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V22250728A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/26/25 14:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250726A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/26/25 14:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250726A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	13	5.0	1.5		
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	UJ
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/26/25 14:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250726A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/26/25 14:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250726A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/26/25 14:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250726A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	4.1	5.0	1.5	J	
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	UJ
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544316-03	**Date Collected**	: 07/15/25 16:45
Client ID	: MW-3	**Date Received**	: 07/15/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/26/25 14:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG250726A17	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 07:56
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	4.6	5.0	0.96	J	J
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 07:56
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544316-01	**Date Collected**	: 07/15/25 10:40
Client ID	: MW-6	**Date Received**	: 07/15/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/24/25 07:56
Sample Matrix	: WATER	**Date Extracted**	: 07/17/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 44316-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/21/25 21:04
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	0.36	2.0	0.20	J
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/21/25 21:04
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/21/25 21:04
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-02	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 08:19
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 08:19
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 08:19
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44316-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 15:43
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44316-01	Analyst	: DV
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.03	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	0.07	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 16:00
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44316-02	Analyst	: DV
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	2.2	0.10	0.02		
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.38	0.10	0.03		
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.03	0.10	0.02	J	
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	0.07	0.10	0.02	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	0.71	0.10	0.03		
85-01-8	Phenanthrene	0.07	0.10	0.04	J	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	0.54	0.10	0.04		
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 16:17
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44316-03	Analyst	: DV
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.06	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.03	0.10	0.03	J
85-01-8	Phenanthrene	0.07	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.04	0.10	0.04	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:53
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107222506	Analyst	: DB
Sample Amount	: 260 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	144	32.6	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 19:14
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107222507	Analyst	: DB
Sample Amount	: 250 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	150	33.9	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 19:36
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107222508	Analyst	: DB
Sample Amount	: 260 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	144	32.6	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:26
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_18	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	9.79	5.00	1.02	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	19.8	5.00	0.990	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.18	5.00	0.595	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	14.6	5.00	0.820	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.17	5.00	0.563	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.41	5.00	0.940	J
335-67-1	Perfluorooctanoic Acid (PFOA)	48.4	5.00	0.590	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.00	3.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.30	5.00	1.26	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:26
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_18	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	49.7	5.00	0.590	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:42
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_19	Analyst	: SG
Sample Amount	: 271.08 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	64.0	1.84	0.376	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.33	1.84	0.365	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.19	1.84	0.219	
307-24-4	Perfluorohexanoic Acid (PFHxA)	6.68	1.84	0.302	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	3.40	1.84	0.208	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.58	1.84	0.347	J
335-67-1	Perfluorooctanoic Acid (PFOA)	11.4	1.84	0.218	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.90	1.84	1.23	J+
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.634	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.29	1.84	0.288	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	4.74	1.84	0.465	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.668	1.84	0.280	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.598	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.251	1.84	0.240	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.904	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.535	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.741	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:42
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_19	Analyst	: SG
Sample Amount	: 271.08 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.343	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.302	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.229	U
NONE	PFOA/PFOS, Total	16.1	1.84	0.218	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:59
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_20	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	5.63	5.00	1.02	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	10.4	5.00	0.990	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.30	5.00	0.595	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.1	5.00	0.820	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	6.65	5.00	0.563	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	5.00	0.940	U
335-67-1	Perfluorooctanoic Acid (PFOA)	36.4	5.00	0.590	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.00	3.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.00	1.72	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	5.00	0.780	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	5.00	1.26	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	5.00	0.760	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.00	3.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	5.00	1.62	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	5.00	0.650	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	5.00	2.45	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.00	2.01	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	5.00	0.930	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 01:59
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_20	Analyst	: SG
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	5.00	0.818	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	5.00	0.620	U
NONE	PFOA/PFOS, Total	36.4	5.00	0.590	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 10:56
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250722_11	Analyst	: PS
Sample Amount	: 100 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	5.00	1.45	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 11:49
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-11	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 12:08
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-12	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 12:26
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250719a-13	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/17/25 10:50
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250717a-29	Analyst	: MHG
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/17/25 11:00
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250717a-30	Analyst	: MHG
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/17/25 11:09
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250717a-31	Analyst	: MHG
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 06:57
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250717a-50	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 06:57
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250717a-50	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 07:09
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250717a-51	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544316-02	**Date Collected**	: 07/15/25 12:40
Client ID	: MW-7	**Date Received**	: 07/15/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 07:09
Sample Matrix	: WATER	**Date Extracted**	: 07/17/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20250717a-51	**Analyst**	: EMR
Sample Amount	: 100 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/18/25 07:22
Sample Matrix	: WATER	Date Extracted	: 07/17/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250717a-52	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544316-03	**Date Collected**	: 07/15/25 16:45
Client ID	: MW-3	**Date Received**	: 07/15/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/18/25 07:22
Sample Matrix	: WATER	**Date Extracted**	: 07/17/25
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20250717a-52	**Analyst**	: EMR
Sample Amount	: 100 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.098	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:34
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	186.	10.0	3.94	J+
7440-23-5	Sodium, Total	324.	50.0	2.93	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:13
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-39-3	Barium, Total	0.3160	0.00500	0.00173	
7439-95-4	Magnesium, Total	40.1	0.700	0.242	
7440-09-7	Potassium, Total	24.2	1.00	0.309	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 16:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0349	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00164	0.00050	0.00016	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00027	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00057	0.00050	0.00016	
7440-50-8	Copper, Total	0.00061	0.00100	0.00038	J
7439-89-6	Iron, Total	32.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.00458	0.00100	0.00034	
7439-96-5	Manganese, Total	1.148	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00094	0.00200	0.00055	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00341	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 16:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0516	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00081	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01686	0.00050	0.00016	
7440-39-3	Barium, Total	0.1018	0.00050	0.00017	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00046	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00129	0.00050	0.00016	
7440-50-8	Copper, Total	0.00167	0.00100	0.00038	
7439-89-6	Iron, Total	3.73	0.0500	0.0191	
7439-92-1	Lead, Total	0.00924	0.00100	0.00034	
7439-95-4	Magnesium, Total	10.5	0.0700	0.0242	
7439-96-5	Manganese, Total	0.3795	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00248	0.00200	0.00055	
7440-09-7	Potassium, Total	5.90	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	0.00054	0.00040	0.00016	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00253	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01470	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:19
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	73.5	1.00	0.394	J+
7440-23-5	Sodium, Total	22.2	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:40
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	171.	10.0	3.94	J+

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:25
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.255	0.100	0.0327	
7440-39-3	Barium, Total	0.2178	0.00500	0.00173	
7439-95-4	Magnesium, Total	16.6	0.700	0.242	
7440-09-7	Potassium, Total	14.6	1.00	0.309	
7440-23-5	Sodium, Total	117.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/06/25 17:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2099628.csv	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00254	0.00050	0.00016	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00072	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00051	0.00050	0.00016	
7440-50-8	Copper, Total	0.00276	0.00100	0.00038	
7439-89-6	Iron, Total	21.4	0.0500	0.0191	
7439-92-1	Lead, Total	0.02684	0.00100	0.00034	
7439-96-5	Manganese, Total	1.253	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00066	0.00200	0.00055	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00166	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01305	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 09:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2100072.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 09:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2100072.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 09:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2100072.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-01	Date Collected	: 07/15/25 10:40
Client ID	: MW-6	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 10:21
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2095767.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-02	Date Collected	: 07/15/25 12:40
Client ID	: MW-7	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 10:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2095767.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544316-03	Date Collected	: 07/15/25 16:45
Client ID	: MW-3	Date Received	: 07/15/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 10:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2095767.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/24/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00013	0.00020	0.00009	J

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 14 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA122 on 06-03-25. The average RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for GONZO on 06-20-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for bromodichloromethane and 1,1,2-trichloroethane were below the method minimum, but not below 0.010 on 07-26-25 (VG250726A03). The RRFs for 15 compounds (highlighted yellow on attached Form 7) were below the method minimum, but not below 0.010 on 07-28-25 (V22250728A01). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-26-25 (VG250726A03). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-28-25 (V22250728A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 07-28-25 (V22250728A01). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-26-25 (VG250726A03). The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-28-25 (V22250728A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent difference (RPD) for bromomethane was above the allowable maximum for aqueous samples WG2095890-3/4. Positive results for bromomethane should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries (%Rs) for 4-methyl-2-pentanone was below QC limits, but not below 30% for aqueous samples WG2095890-3/4. Two of two %Rs for 1,2,3-trichlorobenzene and 1 of 2 %Rs for 1,2,4-trichlorobenzene were below QC limits, but not below 30% for aqueous samples WG2095922-3/4. Positive results for these compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated aqueous samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloroethane were above QC limits for aqueous samples WG2095922-3/4. Positive results for chloroethane should be considered estimated, biased high (J+) in associated aqueous samples.

Compound ID: Checked compound results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095890-3	Analysis Date : 07/28/25 06:55	File ID : V22250728A01
LCSD Sample ID	: WG2095890-4	Analysis Date : 07/28/25 07:44	File ID : V22250728A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	9.9	99	11	70-130	20
1,1-Dichloroethane	10	11	110	10	9.9	99	11	70-130	20
Chloroform	10	11	110	10	10	100	10	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	9.9	99	10	9.4	94	5	70-130	20
Dibromochloromethane	10	9.0	90	10	8.6	86	5	63-130	20
1,1,2-Trichloroethane	10	8.4	84	10	8.1	81	4	70-130	20
Tetrachloroethene	10	10	100	10	9.3	93	7	70-130	20
Chlorobenzene	10	10	100	10	9.7	97	3	75-130	20
Trichlorofluoromethane	10	13	130	10	12	120	8	62-150	20
1,2-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
1,1,1-Trichloroethane	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	10	9.4	94	10	9.3	93	1	67-130	20
trans-1,3-Dichloropropene	10	8.2	82	10	7.8	78	5	70-130	20
cis-1,3-Dichloropropene	10	8.9	89	10	8.2	82	8	70-130	20
Bromoform	10	8.4	84	10	7.9	79	6	54-136	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	8.2	82	5	67-130	20
Benzene	10	10	100	10	9.3	93	7	70-130	20
Toluene	10	10	100	10	9.4	94	6	70-130	20
Ethylbenzene	10	10	100	10	9.6	96	4	70-130	20
Chloromethane	10	11	110	10	9.6	96	14	64-130	20
Bromomethane	10	12	120	10	9.5	95	23 Q	39-139	20
Vinyl chloride	10	10	100	10	8.6	86	15	55-140	20
Chloroethane	10	10	100	10	8.5	85	16	55-138	20
1,1-Dichloroethene	10	11	110	10	9.8	98	12	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	9.8	98	12	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095890-3	**Analysis Date** : 07/28/25 06:55	**File ID** : V22250728A01
LCSD Sample ID	: WG2095890-4	**Analysis Date** : 07/28/25 07:44	**File ID** : V22250728A03

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.7	97		10	9.1	91	6	70-130	20
1,2-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
1,3-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
1,4-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
Methyl tert butyl ether	10	8.2	82		10	8.0	80	2	63-130	20
p/m-Xylene	20	21	105		20	19	95	10	70-130	20
o-Xylene	20	20	100		20	18	90	11	70-130	20
cis-1,2-Dichloroethene	10	11	110		10	9.9	99	11	70-130	20
Styrene	20	20	100		20	18	90	11	70-130	20
Dichlorodifluoromethane	10	12	120		10	9.8	98	20	36-147	20
Acetone	10	10	100		10	8.5	85	16	58-148	20
Carbon disulfide	10	12	120		10	10	100	18	51-130	20
2-Butanone	10	9.1	91		10	7.7	77	17	63-138	20
4-Methyl-2-pentanone	10	5.7	57	Q	10	6.0	60	5	59-130	20
2-Hexanone	10	6.2	62		10	6.4	64	3	57-130	20
Bromochloromethane	10	11	110		10	10	100	10	70-130	20
1,2-Dibromoethane	10	9.2	92		10	8.6	86	7	70-130	20
1,2-Dibromo-3-chloropropane	10	7.2	72		10	7.5	75	4	41-144	20
Isopropylbenzene	10	11	110		10	9.7	97	13	70-130	20
1,2,3-Trichlorobenzene	10	9.9	99		10	9.6	96	3	70-130	20
1,2,4-Trichlorobenzene	10	9.9	99		10	9.4	94	5	70-130	20
Methyl Acetate	10	10	100		10	9.3	93	7	70-130	20
Cyclohexane	10	10	100		10	9.2	92	8	70-130	20
1,4-Dioxane	500	320	64		500	310	62	3	56-162	20
Freon-113	10	12	120		10	11	110	9	70-130	20
Methyl cyclohexane	10	9.9	99		10	8.6	86	14	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Vektor Consultants, LLC
Project Name : 601-607 UNION ST
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG2095922-3 Analysis Date : 07/26/25 08:44 File ID : VG250726A03
LCSD Sample ID : WG2095922-4 Analysis Date : 07/26/25 09:10 File ID : VG250726A04
Lab Number : L2544316
Project Number : 25030019

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.4	94	10	9.3	93	1	70-130	20
1,1-Dichloroethane	10	11	110	10	10	100	10	70-130	20
Chloroform	10	9.7	97	10	9.5	95	2	70-130	20
Carbon tetrachloride	10	8.5	85	10	7.8	78	9	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	8.5	85	10	8.4	84	1	63-130	20
1,1,2-Trichloroethane	10	9.8	98	10	9.7	97	1	70-130	20
Tetrachloroethene	10	8.4	84	10	7.7	77	9	70-130	20
Chlorobenzene	10	9.8	98	10	9.2	92	6	75-130	20
Trichlorofluoromethane	10	8.5	85	10	8.1	81	5	62-150	20
1,2-Dichloroethane	10	11	110	10	10	100	10	70-130	20
1,1,1-Trichloroethane	10	9.3	93	10	8.5	85	9	67-130	20
Bromodichloromethane	10	9.9	99	10	9.3	93	6	67-130	20
trans-1,3-Dichloropropene	10	9.3	93	10	8.7	87	7	70-130	20
cis-1,3-Dichloropropene	10	9.2	92	10	8.9	89	3	70-130	20
Bromoform	10	7.9	79	10	7.7	77	3	54-136	20
1,1,2,2-Tetrachloroethane	10	9.6	96	10	9.3	93	3	67-130	20
Benzene	10	10	100	10	9.8	98	2	70-130	20
Toluene	10	10	100	10	9.6	96	4	70-130	20
Ethylbenzene	10	9.7	97	10	9.2	92	5	70-130	20
Chloromethane	10	11	110	10	11	110	0	64-130	20
Bromomethane	10	8.0	80	10	7.8	78	3	39-139	20
Vinyl chloride	10	12	120	10	12	120	0	55-140	20
Chloroethane	10	14	140 Q	10	14	140 Q	0	55-138	20
1,1-Dichloroethene	10	8.8	88	10	8.3	83	6	61-145	20
trans-1,2-Dichloroethene	10	9.1	91	10	9.2	92	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095922-3	Analysis Date : 07/26/25 08:44	File ID : VG250726A03
LCSD Sample ID	: WG2095922-4	Analysis Date : 07/26/25 09:10	File ID : VG250726A04

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.6	96		10	9.6	96		0	70-130	20
1,2-Dichlorobenzene	10	9.3	93		10	8.9	89		4	70-130	20
1,3-Dichlorobenzene	10	9.4	94		10	9.2	92		2	70-130	20
1,4-Dichlorobenzene	10	9.6	96		10	9.0	90		6	70-130	20
Methyl tert butyl ether	10	8.4	84		10	8.2	82		2	63-130	20
p/m-Xylene	20	19	95		20	18	90		5	70-130	20
o-Xylene	20	18	90		20	18	90		0	70-130	20
cis-1,2-Dichloroethene	10	8.9	89		10	9.0	90		1	70-130	20
Styrene	20	19	95		20	18	90		5	70-130	20
Dichlorodifluoromethane	10	8.4	84		10	8.2	82		2	36-147	20
Acetone	10	10	100		10	9.4	94		6	58-148	20
Carbon disulfide	10	9.8	98		10	9.4	94		4	51-130	20
2-Butanone	10	9.4	94		10	8.6	86		9	63-138	20
4-Methyl-2-pentanone	10	8.3	83		10	8.2	82		1	59-130	20
2-Hexanone	10	8.5	85		10	8.2	82		4	57-130	20
Bromochloromethane	10	9.5	95		10	9.4	94		1	70-130	20
1,2-Dibromoethane	10	8.9	89		10	8.6	86		3	70-130	20
1,2-Dibromo-3-chloropropane	10	6.8	68		10	6.7	67		1	41-144	20
Isopropylbenzene	10	9.1	91		10	8.7	87		4	70-130	20
1,2,3-Trichlorobenzene	10	6.0	60	Q	10	6.3	63	Q	5	70-130	20
1,2,4-Trichlorobenzene	10	7.0	70		10	6.8	68	Q	3	70-130	20
Methyl Acetate	10	11	110		10	9.6	96		14	70-130	20
Cyclohexane	10	8.7	87		10	8.0	80		8	70-130	20
1,4-Dioxane	500	340	68		500	350	70		3	56-162	20
Freon-113	10	8.3	83		10	7.9	79		5	70-130	20
Methyl cyclohexane	10	7.5	75		10	7.0	70		7	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22327**
Calibration dates	**: 06/03/25 15:31 06/03/25 19:10**		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.139	0.142	0.181	0.184	0.171	0.168	0.154	0.163	10.98
3)	TP	Chloromethane		0.162	0.175	0.188	0.186	0.172	0.169	0.168	0.174	5.51
4)	TP	Vinyl chloride	0.217	0.154	0.174	0.203	0.200	0.179	0.177	0.168	0.184	11.39
5)	TP	Bromomethane		0.103	0.096	0.106	0.112	0.106	0.106	0.109	0.105	4.68
6)	TP	Chloroethane		0.135	0.119	0.119	0.115	0.105	0.101	0.099	0.113	11.17
7)	TP	Trichlorofluor		0.147	0.173	0.231	0.220	0.211	0.210	0.198	0.199	14.61
8)	TP	Ethyl ether		0.055	0.053	0.063	0.059	0.058	0.058	0.056	0.058	5.78
10)	TP	1,1-Dichloroet		0.128	0.124	0.139	0.129	0.123	0.124	0.123	0.127	4.60
11)	TP	Carbon disulfide		0.355	0.389	0.444	0.423	0.387	0.390	0.391	0.397	7.24
12)	TP	Freon-113		0.091	0.106	0.142	0.135	0.126	0.126	0.120	0.121	14.37
13)	TP	Iodomethane			0.160	0.210	0.220	0.216	0.218	0.221	0.207	11.33
14)	TP	Acrolein			0.013	0.014	0.010	0.009	0.010	0.009	0.011	19.30
15)	TP	Methylene chlo		0.212	0.160	0.155	0.145	0.136	0.135	0.135	0.154	17.77
17)	TP	Acetone			0.040	0.023	0.019	0.019	0.020	0.019	*L	0.9992
18)	TP	trans-1,2-Dich		0.161	0.145	0.154	0.145	0.133	0.137	0.138	0.145	6.83
19)	TP	Methyl acetate			0.049	0.052	0.047	0.050	0.052	0.049	0.050	3.89
21)	TP	Methyl tert butyl ether		0.186	0.215	0.263	0.251	0.263	0.267	0.252	0.242	12.51
22)	TP	tert-Butyl alc		0.004	0.005	0.006	0.005	0.006	0.006	0.005	0.005#	14.50
24)	TP	Diisopropyl ether		0.291	0.317	0.370	0.360	0.367	0.372	0.358	0.348	9.02
25)	TP	1,1-Dichloroet		0.227	0.263	0.272	0.258	0.247	0.246	0.247	0.252#	5.82
26)	TP	Halothane		0.088	0.098	0.119	0.113	0.106	0.109	0.109	0.106	9.57
27)	TP	Acrylonitrile			0.033	0.030	0.026	0.026	0.027	0.025	0.028	10.74
28)	TP	Ethyl tert-but		0.229	0.249	0.309	0.304	0.321	0.326	0.311	0.293	12.98
29)	TP	Vinyl acetate			0.136	0.133	0.120	0.107	0.117	0.127	0.124	8.83
30)	TP	cis-1,2-Dichlo		0.164	0.156	0.163	0.154	0.145	0.144	0.145	0.153#	5.55
31)	TP	2,2-Dichloropr		0.201	0.202	0.222	0.211	0.194	0.192	0.192	0.202	5.52
32)	TP	Bromochloromet		0.065	0.068	0.076	0.073	0.070	0.070	0.069	0.070#	5.20
33)	TP	Cyclohexane		0.163	0.188	0.256	0.257	0.252	0.254	0.243	0.230	16.68
34)	TP	Chloroform		0.261	0.251	0.250	0.238	0.226	0.227	0.228	0.240#	5.82
35)	TP	Ethyl acetate			0.046	0.065	0.064	0.067	0.070	0.064	0.063	13.69
36)	TP	Carbon tetrachloride	0.235	0.161	0.175	0.219	0.216	0.203	0.203	0.200	0.201	11.92
37)	TP	Tetrahydrofuran			0.019	0.020	0.019	0.020	0.020	0.019	0.019	3.32
38)	S	Dibromofluoromethane	0.307	0.311	0.297	0.287	0.267	0.257	0.264	0.264	0.282	7.65
39)	TP	1,1,1-Trichlor		0.199	0.201	0.232	0.224	0.211	0.216	0.213	0.214	5.47
41)	TP	2-Butanone			0.026	0.028	0.026	0.029	0.030	0.027	0.028	5.26

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA122	**Ical Ref**	: ICAL22327
Calibration dates	: 06/03/25 15:31 06/03/25 19:10		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42)	TP	1,1-Dichloropr		0.120	0.138	0.179	0.183	0.189	0.188	0.187	0.169	16.67
44)	TP	Benzene	0.523	0.417	0.461	0.519	0.533	0.523	0.521	0.518	0.502	8.14
45)	TP	Tertiary-Amyl Methyl Ether		0.206	0.217	0.258	0.253	0.273	0.282	0.266	0.251	11.39
46)	S	1,2-Dichloroethane-d4	0.270	0.274	0.266	0.264	0.253	0.252	0.257	0.257	0.262	3.13
47)	T	1,2-Dichloroethane	0.165	0.138	0.140	0.155	0.149	0.149	0.151	0.147	0.149	5.77
50)	TP	Methyl cyclohe		0.165	0.158	0.228	0.243	0.248	0.251	0.241	0.219	18.25
51)	TP	Trichloroethene	0.179	0.144	0.125	0.145	0.149	0.151	0.152	0.155	0.150#	9.86
53)	TP	Dibromomethane		0.071	0.064	0.081	0.076	0.076	0.078	0.076	0.074	7.49
54)	TP	1,2-Dichloropr		0.098	0.126	0.147	0.145	0.144	0.144	0.143	0.135#	13.36
56)	TP	2-Chloroethyl		0.041	0.048	0.055	0.056	0.058	0.059	0.056	0.053	12.09
57)	TP	Bromodichlorom		0.174	0.162	0.180	0.185	0.182	0.183	0.182	0.178#	4.48
60)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.19
61)	TP	cis-1,3-Dichloropropene	0.167	0.139	0.167	0.202	0.207	0.210	0.210	0.207	0.189#	14.49
62)	I	Chlorobenzene-d5	----------ISTD----------									
63)	S	Toluene-d8	1.290	1.290	1.295	1.298	1.312	1.298	1.291	1.284	1.295	0.66
64)	TP	Toluene		0.363	0.396	0.442	0.447	0.442	0.442	0.439	0.424	7.60
65)	TP	4-Methyl-2-pen			0.025	0.031	0.029	0.032	0.033	0.030	0.030#	8.93
66)	TP	Tetrachloroethene	0.187	0.143	0.166	0.198	0.205	0.208	0.208	0.208	0.191	12.57
68)	TP	trans-1,3-Dichloropropene	0.179	0.139	0.160	0.204	0.211	0.223	0.223	0.217	0.195#	16.26
70)	TP	Ethyl methacry		0.109	0.138	0.138	0.133	0.133	0.136	0.123	0.130	8.05
71)	TP	1,1,2-Trichlor		0.110	0.081	0.095	0.095	0.101	0.103	0.099	0.098#	9.16
72)	TP	Chlorodibromom		0.111	0.123	0.153	0.158	0.169	0.173	0.168	0.151#	16.19
73)	TP	1,3-Dichloropr		0.133	0.154	0.192	0.198	0.210	0.210	0.203	0.186	16.12
74)	TP	1,2-Dibromoethane		0.086	0.096	0.115	0.117	0.124	0.126	0.120	0.112#	13.57
76)	TP	2-Hexanone		0.063	0.049	0.048	0.045	0.046	0.045	0.040	0.048	14.90
77)	TP	Chlorobenzene		0.421	0.464	0.518	0.516	0.510	0.508	0.503	0.492	7.33
78)	TP	Ethylbenzene		0.710	0.785	0.876	0.891	0.869	0.862	0.843	0.834	7.73
79)	TP	1,1,1,2-Tetrac		0.122	0.132	0.164	0.172	0.180	0.183	0.182	0.162	15.50
80)	TP	p/m Xylene		0.266	0.315	0.351	0.358	0.350	0.347	0.344	0.333	9.81
81)	TP	o Xylene		0.264	0.302	0.335	0.344	0.340	0.340	0.334	0.323	9.10
82)	TP	Styrene		0.437	0.484	0.552	0.567	0.567	0.558	0.524	0.527	9.40
83)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84)	TP	Bromoform		0.109	0.136	0.170	0.173	0.189	0.196	0.189	0.166	19.39
86)	TP	Isopropylbenzene		1.266	1.482	1.708	1.747	1.683	1.674	1.642	1.600	10.59
87)	S	4-Bromofluorobenzene	0.921	0.920	0.926	0.918	0.907	0.886	0.880	0.865	0.903	2.54
88)	TP	Bromobenzene		0.302	0.360	0.389	0.392	0.384	0.388	0.385	0.371	8.66

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22327**
Calibration dates	**: 06/03/25 15:31 06/03/25 19:10**		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89)	TP	n-Propylbenzene		1.515	1.705	1.973	2.014	1.939	1.917	1.847	1.844	9.59
90)	TP	1,4-Dichlorobu		0.318	0.341	0.369	0.358	0.371	0.382	0.370	0.359	6.07
91)	TP	1,1,2,2-Tetrachloroethane	0.352	0.242	0.225	0.248	0.239	0.246	0.251	0.237	0.255	15.72
92)	TP	4-Ethyltoluene		1.260	1.470	1.646	1.688	1.616	1.593	1.562	1.548	9.33
93)	TP	2-Chlorotoluene		0.985	1.039	1.149	1.171	1.129	1.118	1.121	1.102	5.97
94)	TP	1,3,5-Trimethy		1.107	1.260	1.420	1.450	1.390	1.378	1.358	1.337	8.84
95)	TP	1,2,3-Trichlor		0.146	0.172	0.194	0.186	0.199	0.203	0.198	0.185	10.91
96)	TP	trans-1,4-Dich		0.083	0.071	0.077	0.070	0.070	0.075	0.068	0.073	7.02
97)	TP	4-Chlorotoluene		0.988	1.089	1.199	1.222	1.175	1.163	1.159	1.142	6.97
98)	TP	tert-Butylbenzene		0.884	1.044	1.212	1.251	1.221	1.214	1.191	1.145	11.64
101)	TP	1,2,4-Trimethy		0.735	0.815	0.907	0.879	0.839	0.826	0.784	0.827	6.95
102)	TP	sec-Butylbenzene		1.254	1.391	1.729	1.784	1.744	1.716	1.626	1.606	12.68
103)	TP	p-Isopropyltol		1.058	1.286	1.507	1.557	1.524	1.496	1.425	1.408	12.68
104)	TP	1,3-Dichlorobe		0.636	0.709	0.790	0.805	0.778	0.778	0.758	0.750	7.88
105)	TP	1,4-Dichlorobe		0.616	0.696	0.770	0.776	0.759	0.760	0.749	0.732	7.86
106)	TP	p-Diethylbenzene		0.628	0.736	0.876	0.910	0.902	0.893	0.862	0.830	12.84
107)	TP	n-Butylbenzene		0.877	1.002	1.222	1.265	1.246	1.215	1.156	1.140	12.79
108)	TP	1,2-Dichlorobe		0.560	0.613	0.696	0.699	0.688	0.688	0.669	0.659	7.99
109)	TP	1,2,4,5-Tetram		0.876	1.072	1.244	1.280	1.265	1.270	1.207	1.173	12.74
110)	TP	1,2-Dibromo-3-		0.022	0.036	0.044	0.043	0.045	0.047	0.043	*L	0.9985
111)	TP	1,3,5-Trichlor		0.386	0.438	0.500	0.508	0.491	0.485	0.467	0.468	9.18
112)	TP	Hexachlorobuta		0.120	0.138	0.178	0.183	0.175	0.176	0.174	0.163	14.89
113)	TP	1,2,4-Trichlor		0.332	0.377	0.431	0.428	0.419	0.418	0.398	0.400	8.88
114)	TP	Naphthalene		0.712	0.799	0.913	0.871	0.881	0.888	0.820	0.841	8.26
115)	TP	1,2,3-Trichlor		0.265	0.320	0.363	0.356	0.351	0.355	0.333	0.335#	10.23

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22400**
Calibration dates	**: 06/20/25 01:35 06/20/25 06:01**		

Calibration Files
L11 =VG250619N04.D L1 =VG250619N06.D L2 =VG250619N08.D L3 =VG250619N10.D L4 =VG250619N11.D
L6 =VG250619N12.D L8 =VG250619N13.D L10 =VG250619N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.195	0.224	0.223	0.227	0.226	0.228	0.211	0.219	5.51
3)	TP	Chloromethane		0.202	0.205	0.200	0.206	0.208	0.210	0.201	0.205	1.78
4)	TP	Vinyl chloride	0.214	0.183	0.230	0.234	0.236	0.240	0.237	0.229	0.225	8.41
5)	TP	Bromomethane		0.144	0.148	0.136	0.152	0.163	0.170	0.168	0.154	8.28
6)	TP	Chloroethane		0.180	0.160	0.154	0.147	0.123			0.153	13.76
7)	TP	Trichlorofluor		0.213	0.280	0.309	0.327	0.327	0.333	0.318	0.301	14.13
8)	TP	Ethyl ether		0.103	0.103	0.107	0.113	0.115	0.114	0.108	0.109	4.92
10)	TP	1,1-Dichloroet		0.143	0.181	0.181	0.190	0.193	0.194	0.184	0.181	9.64
11)	TP	Carbon disulfide		0.471	0.546	0.546	0.566	0.577	0.580	0.553	0.549	6.71
12)	TP	Freon-113		0.136	0.182	0.184	0.194	0.191	0.195	0.185	0.181	11.36
13)	TP	Iodomethane			0.152	0.172	0.228	0.259	0.256	0.242	*L	0.9974
14)	TP	Acrolein			0.024	0.030	0.029	0.030	0.030	0.029	0.029	7.61
15)	TP	Methylene chlo		0.294	0.221	0.204	0.210	0.209	0.208	0.196	0.220	15.17
17)	TP	Acetone			0.049	0.039	0.041	0.043	0.043	0.041	0.043	8.19
18)	TP	trans-1,2-Dich		0.151	0.200	0.198	0.207	0.211	0.209	0.198	0.196	10.55
19)	TP	Methyl acetate			0.081	0.097	0.108	0.108	0.109	0.102	0.101	10.70
20)	TP	Methyl tert butyl ether		0.514	0.549	0.571	0.600	0.604	0.597	0.565	0.572	5.67
21)	TP	tert-Butyl alc		0.016	0.015	0.017	0.018	0.018	0.018	0.017	0.017	5.91
22)	TP	Diisopropyl ether		0.510	0.535	0.584	0.610	0.622	0.617	0.585	0.580	7.39
23)	TP	1,1-Dichloroet		0.288	0.354	0.356	0.367	0.367	0.365	0.333	0.347	8.25
24)	TP	Halothane		0.138	0.164	0.166	0.173	0.173	0.172	0.163	0.164	7.64
25)	TP	Acrylonitrile			0.043	0.054	0.058	0.060	0.059	0.057	0.055	11.48
26)	TP	Ethyl tert-but		0.538	0.557	0.599	0.617	0.635	0.631	0.601	0.597	6.18
27)	TP	Vinyl acetate			0.324	0.348	0.388	0.393	0.393	0.375	0.370	7.71
28)	TP	cis-1,2-Dichlo		0.203	0.228	0.231	0.237	0.239	0.236	0.225	0.228	5.35
29)	TP	2,2-Dichloropr		0.237	0.277	0.291	0.315	0.314	0.309	0.290	0.290	9.42
30)	TP	Bromochloromet		0.115	0.112	0.109	0.105	0.104	0.104	0.099	0.107	5.19
31)	TP	Cyclohexane		0.275	0.305	0.298	0.313	0.311	0.317	0.299	0.303	4.69
32)	TP	Chloroform		0.362	0.348	0.355	0.357	0.371	0.365	0.342	0.357	2.80
33)	TP	Ethyl acetate		0.110	0.137	0.154	0.164	0.170	0.167	0.158	0.152	14.10
34)	TP	Carbon tetrachloride	0.275	0.242	0.284	0.296	0.295	0.302	0.302	0.284	0.285	6.98
35)	TP	Tetrahydrofuran			0.057	0.045	0.048	0.050	0.048	0.045	0.049	8.77
36)	S	Dibromofluoromethane	0.257	0.257	0.259	0.259	0.261	0.259	0.264	0.261	0.260	0.96
37)	TP	1,1,1-Trichlor		0.249	0.319	0.313	0.332	0.333	0.330	0.312	0.312	9.41
39)	TP	2-Butanone			0.054	0.056	0.066	0.073	0.072	0.068	0.065	12.22

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22400**
Calibration dates	**: 06/20/25 01:35 06/20/25 06:01**		

Calibration Files
L11 =VG250619N04.D L1 =VG250619N06.D L2 =VG250619N08.D L3 =VG250619N10.D L4 =VG250619N11.D
L6 =VG250619N12.D L8 =VG250619N13.D L10 =VG250619N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.212	0.250	0.249	0.258	0.261	0.260	0.248	0.248	6.89
41)	TP	Benzene	0.751	0.664	0.783	0.796	0.816	0.831	0.819	0.779	0.780	6.86
42)	TP	Tertiary-Amyl Methyl Ether		0.515	0.539	0.561	0.591	0.606	0.600	0.570	0.569	5.87
43)	S	1,2-Dichloroethane-d4	0.268	0.266	0.265	0.272	0.263	0.258	0.260	0.272	0.266	1.92
44)	TP	1,2-Dichloroethane	0.262	0.254	0.242	0.250	0.262	0.265	0.260	0.250	0.256	3.19
47)	TP	Methyl cyclohe		0.218	0.286	0.279	0.294	0.296	0.300	0.284	0.280	10.08
48)	TP	Trichloroethene	0.278	0.141	0.194	0.217	0.221	0.225	0.222	0.212	0.214	17.69
50)	TP	Dibromomethane		0.120	0.130	0.128	0.132	0.135	0.133	0.126	0.129	3.89
51)	TP	1,2-Dichloropr		0.173	0.200	0.204	0.208	0.212	0.209	0.198	0.200	6.43
53)	TP	2-Chloroethyl		0.066	0.085	0.091	0.101	0.105	0.105	0.103	0.094	15.45
54)	TP	Bromodichlorom		0.251	0.282	0.285	0.293	0.297	0.295	0.280	0.283#	5.56
57)	TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	5.47
58)	TP	cis-1,3-Dichloropropene	0.296	0.322	0.323	0.333	0.349	0.353	0.349	0.330	0.332	5.68
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.244	1.241	1.240	1.244	1.235	1.243	1.243	1.248	1.242	0.30
61)	TP	Toluene		0.567	0.646	0.646	0.658	0.667	0.661	0.637	0.640	5.27
62)	TP	4-Methyl-2-pen		0.067	0.076	0.078	0.082	0.084	0.082	0.079	0.078	7.41
63)	TP	Tetrachloroethene	0.290	0.239	0.298	0.310	0.315	0.310	0.309	0.297	0.296	8.31
65)	TP	trans-1,3-Dichloropropene	0.347	0.335	0.357	0.371	0.391	0.391	0.386	0.377	0.369	5.68
67)	TP	Ethyl methacry		0.264	0.275	0.293	0.314	0.322	0.318	0.308	0.299	7.44
68)	TP	1,1,2-Trichlor		0.195	0.179	0.185	0.195	0.196	0.193	0.188	0.190#	3.37
69)	TP	Chlorodibromom		0.285	0.288	0.295	0.310	0.320	0.316	0.309	0.304	4.60
70)	TP	1,3-Dichloropr		0.321	0.370	0.373	0.385	0.388	0.383	0.370	0.370	6.13
71)	TP	1,2-Dibromoethane		0.223	0.234	0.242	0.252	0.253	0.246	0.239	0.241	4.34
72)	TP	2-Hexanone			0.111	0.130	0.133	0.138	0.135	0.131	0.130	7.41
73)	TP	Chlorobenzene		0.675	0.765	0.764	0.785	0.790	0.778	0.753	0.758	5.12
74)	TP	Ethylbenzene		1.065	1.219	1.235	1.263	1.280	1.275	1.243	1.226	6.05
75)	TP	1,1,1,2-Tetrac		0.266	0.280	0.290	0.300	0.306	0.304	0.296	0.292	4.92
76)	TP	p/m Xylene		0.406	0.484	0.498	0.506	0.510	0.508	0.505	0.488	7.62
77)	TP	o Xylene		0.422	0.485	0.492	0.502	0.510	0.502	0.513	0.490	6.42
78)	TP	Styrene		0.678	0.798	0.838	0.872	0.883	0.902	0.908	0.840	9.65
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.343	0.359	0.360	0.387	0.400	0.398	0.383	0.376	5.78
82)	TP	Isopropylbenzene		1.623	2.037	2.065	2.144	2.156	2.174	2.054	2.036	9.34
83)	S	4-Bromofluorobenzene	0.843	0.825	0.834	0.824	0.827	0.810	0.824	0.811	0.825	1.32
84)	TP	Bromobenzene		0.546	0.638	0.636	0.650	0.645	0.644	0.603	0.623	6.00

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22400**
Calibration dates	**: 06/20/25 01:35 06/20/25 06:01**		

Calibration Files
L11 =VG250619N04.D L1 =VG250619N06.D L2 =VG250619N08.D L3 =VG250619N10.D L4 =VG250619N11.D
L6 =VG250619N12.D L8 =VG250619N13.D L10 =VG250619N14.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		1.909	2.281	2.358	2.441	2.479	2.478	2.352	2.328	8.55
86) TP	1,4-Dichlorobu		0.700	0.641	0.644	0.671	0.679	0.680	0.643	0.666	3.46
87) TP	1,1,2,2-Tetrachloroethane	0.572	0.549	0.517	0.502	0.523	0.528	0.526	0.496	0.527	4.68
88) TP	4-Ethyltoluene		1.638	2.011	2.038	2.110	2.124	2.131	2.011	2.009	8.55
89) TP	2-Chlorotoluene		1.295	1.476	1.465	1.505	1.526	1.526	1.451	1.463	5.47
90) TP	1,3,5-Trimethy		1.390	1.757	1.756	1.829	1.850	1.841	1.832	1.751	9.36
91) TP	1,2,3-Trichlor		0.356	0.396	0.395	0.414	0.419	0.415	0.408	0.400	5.43
92) TP	trans-1,4-Dich		0.157	0.148	0.132	0.146	0.154	0.151	0.143	0.147	5.58
93) TP	4-Chlorotoluene		1.380	1.452	1.555	1.604	1.622	1.618	1.541	1.539	5.96
94) TP	tert-Butylbenzene		1.235	1.447	1.470	1.514	1.528	1.520	1.462	1.454	6.99
97) TP	1,2,4-Trimethy		1.469	1.738	1.751	1.818	1.821	1.832	1.801	1.747	7.32
98) TP	sec-Butylbenzene		1.610	1.956	2.003	2.064	2.101	2.111	2.033	1.983	8.72
99) TP	p-Isopropyltol		1.362	1.744	1.801	1.888	1.888	1.911	1.888	1.783	10.93
100) TP	1,3-Dichlorobe		0.992	1.143	1.134	1.177	1.172	1.176	1.124	1.131	5.74
101) TP	1,4-Dichlorobe		1.100	1.143	1.168	1.192	1.195	1.192	1.140	1.161	3.07
102) TP	p-Diethylbenzene		0.853	1.000	1.053	1.112	1.117	1.125	1.123	1.055	9.52
103) TP	n-Butylbenzene		1.029	1.320	1.367	1.460	1.473	1.488	1.458	1.371	11.89
104) TP	1,2-Dichlorobe		0.945	1.077	1.095	1.123	1.129	1.118	1.075	1.080	5.88
105) TP	1,2,4,5-Tetram		1.318	1.554	1.607	1.655	1.670	1.682	1.691	1.597	8.28
106) TP	1,2-Dibromo-3-		0.078	0.093	0.096	0.098	0.105	0.104	0.098	0.096	9.36
107) TP	1,3,5-Trichlor		0.620	0.718	0.741	0.753	0.740	0.735	0.672	0.711	6.79
108) TP	Hexachlorobuta		0.187	0.231	0.228	0.240	0.239	0.238	0.218	0.226	8.31
109) TP	1,2,4-Trichlor		0.564	0.619	0.633	0.649	0.635	0.623	0.558	0.612	5.82
110) TP	Naphthalene		1.187	1.288	1.279	1.321	1.327	1.316	1.194	1.273	4.63
111) TP	1,2,3-Trichlor		0.431	0.478	0.487	0.499	0.496	0.483	0.417	0.470	6.95

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: GONZO		Calibration Date	: 07/26/25 08:44	
Lab File ID	: VG250726A03		Init. Calib. Date(s)	: 06/20/25	06/20/25
Sample No	: WG2095922-2		Init. Calib. Times	: 01:35	06:01
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	67	0
Dichlorodifluoromethane	0.219	0.184	-	16	20	55	0
Chloromethane	0.205	0.229	-	-11.7	20	77	0
Vinyl chloride	0.225	0.271	-	-20.4*	20	78	0
Bromomethane	0.154	0.124	-	19.5	20	61	0
Chloroethane	0.153	0.221	-	-44.4*	20	96	0
Trichlorofluoromethane	0.301	0.255	-	15.3	20	55	0
Ethyl ether	0.109	0.094	-	13.8	20	60	0
1,1-Dichloroethene	0.181	0.159	-	12.2	20	59	0
Carbon disulfide	0.549	0.54	-	1.6	20	66	0
Freon-113	0.181	0.149	-	17.7	20	55	0
Acrolein	0.029	0.03	-	-3.4	20	67	0
Methylene chloride	0.22	0.206	-	6.4	20	68	0
Acetone	0.043	0.045	-	-4.7	20	77	0
trans-1,2-Dichloroethene	0.196	0.178	-	9.2	20	61	0
Methyl acetate	0.101	0.108	-	-6.9	20	75	0
Methyl tert-butyl ether	0.572	0.48	-	16.1	20	57	0
tert-Butyl alcohol	0.017	0.013	-	23.5*	20	51	0
Diisopropyl ether	0.58	0.622	-	-7.2	20	71	0
1,1-Dichloroethane	0.347	0.386	-	-11.2	20	73	0
Halothane	0.164	0.145	-	11.6	20	59	0
Acrylonitrile	0.055	0.059	-	-7.3	20	74	0
Ethyl tert-butyl ether	0.597	0.519	-	13.1	20	58	0
Vinyl acetate	0.37	0.392	-	-5.9	20	76	0
cis-1,2-Dichloroethene	0.228	0.203	-	11	20	59	0
2,2-Dichloropropane	0.29	0.266	-	8.3	20	61	0
Bromochloromethane	0.107	0.102	-	4.7	20	63	0
Cyclohexane	0.303	0.263	-	13.2	20	59	0
Chloroform	0.357	0.347	-	2.8	20	66	0
Ethyl acetate	0.152	0.158	-	-3.9	20	69	0
Carbon tetrachloride	0.285	0.242	-	15.1	20	55	0
Tetrahydrofuran	0.049	0.048	-	2	20	71	0
Dibromofluoromethane	0.26	0.26	-	0	20	67	0
1,1,1-Trichloroethane	0.312	0.292	-	6.4	20	63	0
2-Butanone	0.065	0.061	-	6.2	20	73	0
1,1-Dichloropropene	0.248	0.22	-	11.3	20	59	0
Benzene	0.78	0.806	-	-3.3	20	68	0
tert-Amyl methyl ether	0.569	0.45	-	20.9*	20	54	0
1,2-Dichloroethane-d4	0.266	0.315	-	-18.4	20	78	0
1,2-Dichloroethane	0.256	0.273	-	-6.6	20	73	0
Methyl cyclohexane	0.28	0.209	-	25.4*	20	50	0
Trichloroethene	0.214	0.206	-	3.7	20	64	0
Dibromomethane	0.129	0.122	-	5.4	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: GONZO		Calibration Date	: 07/26/25 08:44	
Lab File ID	: VG250726A03		Init. Calib. Date(s)	: 06/20/25	06/20/25
Sample No	: WG2095922-2		Init. Calib. Times	: 01:35	06:01
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.2	0.211	-	-5.5	20	69	0
Bromodichloromethane	0.283	0.281*	-	0.7	20	66	0
1,4-Dioxane	0.00205	0.00137*	-	33.2*	20	46	0
cis-1,3-Dichloropropene	0.332	0.306	-	7.8	20	62	0
Chlorobenzene-d5	1	1	-	0	20	65	0
Toluene-d8	1.242	1.273	-	-2.5	20	67	0
Toluene	0.64	0.639	-	0.2	20	65	0
4-Methyl-2-pentanone	0.078	0.065	-	16.7	20	54	0
Tetrachloroethene	0.296	0.247	-	16.6	20	52	0
trans-1,3-Dichloropropene	0.369	0.342	-	7.3	20	60	0
Ethyl methacrylate	0.299	0.23	-	23.1*	20	51	0
1,1,2-Trichloroethane	0.19	0.187*	-	1.6	20	66	0
Chlorodibromomethane	0.304	0.259	-	14.8	20	57	0
1,3-Dichloropropane	0.37	0.369	-	0.3	20	64	0
1,2-Dibromoethane	0.241	0.214	-	11.2	20	58	0
2-Hexanone	0.13	0.11	-	15.4	20	55	0
Chlorobenzene	0.758	0.743	-	2	20	63	0
Ethylbenzene	1.226	1.195	-	2.5	20	63	0
1,1,1,2-Tetrachloroethane	0.292	0.261	-	10.6	20	59	0
p/m Xylene	0.488	0.464	-	4.9	20	61	0
o Xylene	0.49	0.45	-	8.2	20	60	0
Styrene	0.84	0.798	-	5	20	62	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	65	0
Bromoform	0.376	0.297	-	21*	20	54	0
Isopropylbenzene	2.036	1.851	-	9.1	20	58	0
4-Bromofluorobenzene	0.825	0.802	-	2.8	20	63	0
Bromobenzene	0.623	0.56	-	10.1	20	57	0
n-Propylbenzene	2.328	2.309	-	0.8	20	64	0
1,4-Dichlorobutane	0.666	0.75	-	-12.6	20	76	0
1,1,2,2-Tetrachloroethane	0.527	0.509	-	3.4	20	66	0
4-Ethyltoluene	2.009	1.893	-	5.8	20	60	0
2-Chlorotoluene	1.463	1.512	-	-3.3	20	67	0
1,3,5-Trimethylbenzene	1.751	1.679	-	4.1	20	62	0
1,2,3-Trichloropropane	0.4	0.382	-	4.5	20	63	0
trans-1,4-Dichloro-2-buten	0.147	0.135	-	8.2	20	67	0
4-Chlorotoluene	1.539	1.555	-	-1	20	65	0
tert-Butylbenzene	1.454	1.257	-	13.5	20	56	0
1,2,4-Trimethylbenzene	1.747	1.653	-	5.4	20	61	0
sec-Butylbenzene	1.983	1.807	-	8.9	20	59	0
p-Isopropyltoluene	1.783	1.621	-	9.1	20	59	0
1,3-Dichlorobenzene	1.131	1.059	-	6.4	20	61	0
1,4-Dichlorobenzene	1.161	1.111	-	4.3	20	62	0
p-Diethylbenzene	1.055	0.93	-	11.8	20	57	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: GONZO	Calibration Date	: 07/26/25 08:44
Lab File ID	: VG250726A03	Init. Calib. Date(s)	: 06/20/25 06/20/25
Sample No	: WG2095922-2	Init. Calib. Times	: 01:35 06:01
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.371	1.353	-	1.3	20	64	0
1,2-Dichlorobenzene	1.08	1.005	-	6.9	20	60	0
1,2,4,5-Tetramethylbenzene	1.597	1.216	-	23.9*	20	49	0
1,2-Dibromo-3-chloropropan	0.096	0.065	-	32.3*	20	44	0
1,3,5-Trichlorobenzene	0.711	0.611	-	14.1	20	54	0
Hexachlorobutadiene	0.226	0.159	-	29.6*	20	45	0
1,2,4-Trichlorobenzene	0.612	0.427	-	30.2*	20	44	0
Naphthalene	1.273	0.699	-	45.1*	20	36	0
1,2,3-Trichlorobenzene	0.47	0.282*	-	40*	20	38	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA122		Calibration Date	: 07/28/25 06:55	
Lab File ID	: V22250728A01		Init. Calib. Date(s)	: 06/03/25	06/03/25
Sample No	: WG2095890-2		Init. Calib. Times	: 15:31	19:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	95	0
Dichlorodifluoromethane	0.163	0.189	-	-16	20	100	0
Chloromethane	0.174	0.199	-	-14.4	20	101	0
Vinyl chloride	0.184	0.19	-	-3.3	20	89	0
Bromomethane	0.105	0.127	-	-21*	20	114	0
Chloroethane	0.113	0.114	-	-0.9	20	91	0
Trichlorofluoromethane	0.199	0.268	-	-34.7*	20	111	0
Ethyl ether	0.058	0.049	-	15.5	20	74	0
1,1-Dichloroethene	0.127	0.144	-	-13.4	20	99	0
Carbon disulfide	0.397	0.479	-	-20.7*	20	103	0
Freon-113	0.121	0.148	-	-22.3*	20	100	0
Acrolein	0.011	0.013	-	-18.2	20	92	0
Methylene chloride	0.154	0.171	-	-11	20	105	0
Acetone	10	10.224	-	-2.2	20	97	0
trans-1,2-Dichloroethene	0.145	0.161	-	-11	20	100	0
Methyl acetate	0.05	0.051	-	-2	20	93	0
Methyl tert-butyl ether	0.242	0.199	-	17.8	20	72	0
tert-Butyl alcohol	0.00517	0.00311*	-	39.8*	20	51	0
Diisopropyl ether	0.348	0.344	-	1.1	20	89	0
1,1-Dichloroethane	0.252	0.281*	-	-11.5	20	98	0
Halothane	0.106	0.114	-	-7.5	20	92	0
Acrylonitrile	0.028	0.025	-	10.7	20	79	0
Ethyl tert-butyl ether	0.293	0.242	-	17.4	20	74	0
Vinyl acetate	0.124	0.161	-	-29.8*	20	115	0
cis-1,2-Dichloroethene	0.153	0.168*	-	-9.8	20	99	0
2,2-Dichloropropane	0.202	0.217	-	-7.4	20	93	0
Bromochloromethane	0.07	0.077*	-	-10	20	96	0
Cyclohexane	0.23	0.231	-	-0.4	20	86	0
Chloroform	0.24	0.268*	-	-11.7	20	102	0
Ethyl acetate	0.063	0.06	-	4.8	20	88	0
Carbon tetrachloride	0.201	0.227	-	-12.9	20	99	0
Tetrahydrofuran	0.019	0.021	-	-10.5	20	98	0
Dibromofluoromethane	0.282	0.31	-	-9.9	20	103	0
1,1,1-Trichloroethane	0.214	0.245	-	-14.5	20	100	0
2-Butanone	0.028	0.025	-	10.7	20	85	0
1,1-Dichloropropene	0.169	0.168	-	0.6	20	89	0
Benzene	0.502	0.519	-	-3.4	20	95	0
tert-Amyl methyl ether	0.251	0.189	-	24.7*	20	70	0
1,2-Dichloroethane-d4	0.262	0.257	-	1.9	20	93	0
1,2-Dichloroethane	0.149	0.155	-	-4	20	95	0
Methyl cyclohexane	0.219	0.217	-	0.9	20	91	0
Trichloroethene	0.15	0.145*	-	3.3	20	96	0
Dibromomethane	0.074	0.081	-	-9.5	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA122		Calibration Date	: 07/28/25 06:55	
Lab File ID	: V22250728A01		Init. Calib. Date(s)	: 06/03/25	06/03/25
Sample No	: WG2095890-2		Init. Calib. Times	: 15:31	19:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.135	0.134*	-	0.7	20	87	0
Bromodichloromethane	0.178	0.168*	-	5.6	20	89	0
1,4-Dioxane	0.00065	0.00041*	-	36.9*	20	58	0
cis-1,3-Dichloropropene	0.189	0.168*	-	11.1	20	79	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.295	1.305	-	-0.8	20	103	0
Toluene	0.424	0.436	-	-2.8	20	101	0
4-Methyl-2-pentanone	0.03	0.017*	-	43.3*	20	56	0
Tetrachloroethene	0.191	0.197	-	-3.1	20	102	0
trans-1,3-Dichloropropene	0.195	0.16*	-	17.9	20	81	0
Ethyl methacrylate	0.13	0.08	-	38.5*	20	59	0
1,1,2-Trichloroethane	0.098	0.082*	-	16.3	20	88	0
Chlorodibromomethane	0.151	0.136*	-	9.9	20	91	0
1,3-Dichloropropane	0.186	0.172	-	7.5	20	92	0
1,2-Dibromoethane	0.112	0.103*	-	8	20	92	0
2-Hexanone	0.048	0.03	-	37.5*	20	63	0
Chlorobenzene	0.492	0.521	-	-5.9	20	103	0
Ethylbenzene	0.834	0.879	-	-5.4	20	103	0
1,1,1,2-Tetrachloroethane	0.162	0.158	-	2.5	20	99	0
p/m Xylene	0.333	0.349	-	-4.8	20	102	0
o Xylene	0.323	0.327	-	-1.2	20	100	0
Styrene	0.527	0.518	-	1.7	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
Bromoform	0.166	0.139	-	16.3	20	87	0
Isopropylbenzene	1.6	1.705	-	-6.6	20	107	0
4-Bromofluorobenzene	0.903	0.832	-	7.9	20	97	0
Bromobenzene	0.371	0.368	-	0.8	20	101	0
n-Propylbenzene	1.844	2.012	-	-9.1	20	109	0
1,4-Dichlorobutane	0.359	0.313	-	12.8	20	90	0
1,1,2,2-Tetrachloroethane	0.255	0.221	-	13.3	20	95	0
4-Ethyltoluene	1.548	1.681	-	-8.6	20	109	0
2-Chlorotoluene	1.102	1.134	-	-2.9	20	105	0
1,3,5-Trimethylbenzene	1.337	1.399	-	-4.6	20	105	0
1,2,3-Trichloropropane	0.185	0.17	-	8.1	20	93	0
trans-1,4-Dichloro-2-buten	0.073	0.053	-	27.4*	20	74	0
4-Chlorotoluene	1.142	1.196	-	-4.7	20	106	0
tert-Butylbenzene	1.145	1.233	-	-7.7	20	109	0
1,2,4-Trimethylbenzene	0.827	0.973	-	-17.7	20	114	0
sec-Butylbenzene	1.606	1.802	-	-12.2	20	111	0
p-Isopropyltoluene	1.408	1.51	-	-7.2	20	107	0
1,3-Dichlorobenzene	0.75	0.801	-	-6.8	20	108	0
1,4-Dichlorobenzene	0.732	0.782	-	-6.8	20	108	0
p-Diethylbenzene	0.83	0.858	-	-3.4	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA122		Calibration Date	: 07/28/25 06:55	
Lab File ID	: V22250728A01		Init. Calib. Date(s)	: 06/03/25	06/03/25
Sample No	: WG2095890-2		Init. Calib. Times	: 15:31	19:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.14	1.285	-	-12.7	20	112	0
1,2-Dichlorobenzene	0.659	0.699	-	-6.1	20	107	0
1,2,4,5-Tetramethylbenzene	1.173	1.13	-	3.7	20	97	0
1,2-Dibromo-3-chloropropan	10	7.235	-	27.6*	20	75	0
1,3,5-Trichlorobenzene	0.468	0.49	-	-4.7	20	105	0
Hexachlorobutadiene	0.163	0.173	-	-6.1	20	103	0
1,2,4-Trichlorobenzene	0.4	0.397*	-	0.8	20	98	0
Naphthalene	0.841	0.733	-	12.8	20	86	0
1,2,3-Trichlorobenzene	0.335	0.332*	-	0.9	20	97	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
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Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV106 on 07-17-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-21-25 (WG2093240-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-24-25 (WG2094394-3). The %Ds for pentachlorophenol and di-n-butylphthalate were above the method maximum on 07-21-25 (WG2093240-3). The %D for di-n-butylphthalate was above the method maximum on 07-24-25 (WG2094394-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for pentachlorophenol and di-n-butylphthalate were above the allowable maximum (20%) on 07-21-25 (WG2093240-3). The %D for atrazine was above the allowable maximum (20%) on 07-21-25 (WG2093240-5). The %Ds for 2,3,4,6-tetrachlorophenol and di-n-butylphthalate were above the allowable maximum (20%) on 07-24-25 (WG2094394-3). The %D for atrazine was above the allowable maximum (20%) on 07-24-25 (WG2094394-5). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for p-chloro-m-cresol and 4-nitrophenol and 1 of 2 %Rs for di-n-octylphthalate were above QC limits for aqueous samples WG2091134-2/3. Positive results for carbazole should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	18.	91	20	16.	80	13	40-140	30
3,3'-Dichlorobenzidine	20	16.	80	20	13.	64	22	40-140	30
2,4-Dinitrotoluene	20	23.	117	20	20.	102	14	48-143	30
2,6-Dinitrotoluene	20	23.	117	20	22.	112	4	40-140	30
4-Chlorophenyl phenyl ether	20	18.	88	20	16.	79	11	40-140	30
4-Bromophenyl phenyl ether	20	20.	99	20	17.	84	16	40-140	30
Bis(2-chloroisopropyl)ether	20	16.	78	20	14.	73	7	40-140	30
Bis(2-chloroethoxy)methane	20	20.	98	20	17.	87	12	40-140	30
Hexachlorocyclopentadiene	20	11.	54	20	12.	59	9	40-140	30
Isophorone	20	20.	100	20	19.	93	7	40-140	30
Nitrobenzene	20	18.	91	20	18.	90	1	40-140	30
NDPA/DPA	20	19.	96	20	16.	80	18	40-140	30
n-Nitrosodi-n-propylamine	20	18.	92	20	18.	89	3	29-132	30
Bis(2-ethylhexyl)phthalate	20	27.	136	20	24.	118	14	40-140	30
Butyl benzyl phthalate	20	28.	140	20	24.	119	16	40-140	30
Di-n-butylphthalate	20	24.	121	20	21.	104	15	40-140	30
Di-n-octylphthalate	20	30.	149 Q	20	25.	125	18	40-140	30
Diethyl phthalate	20	22.	110	20	19.	95	15	40-140	30
Dimethyl phthalate	20	20.	99	20	19.	93	6	40-140	30
Biphenyl	20	16.	82	20	15.	77	6	40-140	30
4-Chloroaniline	20	15.	77	20	15.	75	3	40-140	30
2-Nitroaniline	20	24.	122	20	21.	107	13	52-143	30
3-Nitroaniline	20	21.	107	20	18.	90	17	25-145	30
4-Nitroaniline	20	22.	111	20	19.	97	13	51-143	30
Dibenzofuran	20	18.	88	20	15.	77	13	40-140	30
1,2,4,5-Tetrachlorobenzene	20	15.	77	20	15.	77	0	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2091134-2	Analysis Date : 07/17/25 06:12	File ID : 091134-2
LCSD Sample ID	: WG2091134-3	Analysis Date : 07/17/25 06:35	File ID : 091134-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	21.	105	20	19.	97	8	39-129	30
2,4,6-Trichlorophenol	20	23.	116	20	20.	100	15	30-130	30
p-Chloro-m-cresol	20	25.	125 Q	20	22.	113 Q	10	23-97	30
2-Chlorophenol	20	17.	84	20	16.	80	5	27-123	30
2,4-Dichlorophenol	20	20.	98	20	20.	98	0	30-130	30
2,4-Dimethylphenol	20	14.	71	20	15.	76	7	30-130	30
2-Nitrophenol	20	21.	105	20	20.	101	4	30-130	30
4-Nitrophenol	20	25.	123 Q	20	20.	98 Q	23	10-80	30
2,4-Dinitrophenol	20	21.	104	20	17.	87	18	20-130	30
4,6-Dinitro-o-cresol	20	25.	124	20	20.	100	21	20-164	30
Phenol	20	11.	57	20	9.2	46	21	12-110	30
2-Methylphenol	20	17.	86	20	16.	80	7	30-130	30
3-Methylphenol/4-Methylphenol	20	17.	84	20	16.	80	5	30-130	30
2,4,5-Trichlorophenol	20	24.	119	20	23.	117	2	30-130	30
Carbazole	20	20.	99	20	17.	85	15	55-144	30
Atrazine	20	24.	122	20	21.	106	14	40-140	30
Benzaldehyde	20	20.	101	20	16.	82	21	40-140	30
Caprolactam	20	12.	59	20	11.	55	7	10-130	30
2,3,4,6-Tetrachlorophenol	20	24.	118	20	20.	102	15	40-140	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22486**
Calibration dates	**: 07/17/25 11:21 07/17/25 22:44**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	N-Nitrosodimethylamine		0.614	0.623	0.667	0.685	0.758	0.681	0.711	0.661	0.675	6.85
3)	t	Pyridine	1.370	1.135	1.200	1.220	1.223	1.329	1.202	1.282	1.195	1.240	5.94
4)	S	2-Fluorophenol	1.030	0.926	0.956	0.979	1.039	1.157	1.099	1.158	1.060	1.045	7.97
5)	T	Aniline	1.117	1.284	1.480	1.629	1.656	1.784	1.736	1.856	1.750	1.588	15.58
6)	t	2-Chlorophenol	1.022	0.996	1.183	1.194	1.255	1.329	1.266	1.307	1.235	1.198	9.81
7)	S	Phenol-d6	1.291	1.219	1.242	1.244	1.306	1.430	1.314	1.389	1.298	1.304	5.29
8)	T	Phenol	1.431	1.284	1.338	1.376	1.424	1.541	1.437	1.490	1.410	1.414	5.42
9)	T	bis(2-Chloroethyl)ether	1.372	1.161	1.192	1.172	1.146	1.194	1.108	1.152	1.096	1.177	6.84
10)	T	1,3-Dichlorobenzene	1.531	1.668	1.481	1.491	1.465	1.545	1.414	1.485	1.437	1.502	4.96
11)	T	1,4-Dichlorobenzene	1.844	1.567	1.503	1.533	1.517	1.558	1.439	1.520	1.474	1.551	7.54
12)	T	1,2-Dichlorobenzene	1.567	1.508	1.369	1.416	1.449	1.506	1.395	1.478	1.448	1.460	4.25
13)	t	Benzyl alcohol	0.609	0.565	0.640	0.724	0.798	0.884	0.880	0.978	0.960	*L	0.9979
14)	T	bis(2-chloroisopropyl)ether	2.607	1.914	1.950	2.015	1.895	1.903	1.800	1.838	1.783	1.967	12.74
15)	T	2-Methylphenol	0.948	0.789	0.918	0.960	1.113	1.229	1.171	1.180	1.243	1.061	15.18
16)	T	Hexachloroethane	0.680	0.640	0.542	0.574	0.565	0.596	0.555	0.576	0.555	0.587	7.69
17)	T	n-Nitrosodi-n-propylamine	0.862	0.697	0.706	0.737	0.717	0.818	0.791	0.867	0.825	0.780	8.61
18)	T	3-Methylphenol/4-Methylphenol	0.989	1.012	0.941	1.072	1.084	1.210	1.143	1.232	1.184	1.096	9.39
19)	S	Nitrobenzene-d5	1.224	1.187	1.119	1.156	1.152	1.258	1.185	1.280	1.205	1.196	4.33
20)	T	Nitrobenzene	1.451	1.167	1.144	1.218	1.184	1.301	1.207	1.281	1.200	1.239	7.59
21)	T	Isophorone	1.804	1.948	1.835	2.060	2.078	2.327	2.235	2.401	2.316	2.112	10.44
22)	T	2-Nitrophenol	0.511	0.340	0.437	0.484	0.522	0.565	0.577	0.657	0.623	0.524	18.50
23)	T	2,4-Dimethylphenol	1.060	0.928	1.000	1.274	1.118	1.439	1.367	1.492	1.430	1.234	17.15
24)	T	bis(2-Chloroethoxy)methane	1.699	1.452	1.420	1.492	1.427	1.561	1.475	1.566	1.517	1.512	5.78
25)	T	2,4-Dichlorophenol	0.860	0.794	0.828	0.926	1.009	1.106	1.078	1.194	1.176	0.997	15.19
26)	T	1,2,4-Trichlorobenzene	1.420	1.328	1.230	1.267	1.208	1.286	1.210	1.298	1.286	1.282	5.16
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.886	0.950	0.771	0.862	0.991	0.823	0.876	0.905	0.887	0.884	7.30
29)	T	Acetophenone	1.648	1.999	1.527	1.607	2.028	1.685	1.832	1.936	1.942	1.800	10.38
30)	T	m-Toluidine			0.626	0.846	1.393	1.256	1.454	1.618	1.647	*L	0.9975
31)	T	2-Chloroaniline	1.284	1.598	1.269	1.302	1.830	1.549	1.744	1.841	1.855	1.586	15.70
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	t	1,4-Dioxane	0.632	0.668	0.493	0.490	0.495	0.425	0.459	0.465	0.458	0.510	16.35
34)	T	n-Decane	1.660	1.570	1.540	1.506	1.446	1.422	1.514	1.546	1.582	1.532	4.67
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.287	1.121	1.078	1.021	0.996	1.024	0.986	0.992	0.987	1.055	9.34

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544316
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV106	**Ical Ref**	: ICAL22486
Calibration dates	: 07/17/25 11:21 07/17/25 22:44		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid					0.046	0.105	0.143	0.184	0.193	*L	0.9997
38)	T	4-Chloroaniline	0.097	0.095	0.102	0.106	0.109	0.116	0.113	0.114	0.113	0.107	7.16
39)	T	Hexachlorobutadiene	0.229	0.163	0.174	0.175	0.174	0.177	0.172	0.175	0.174	0.179	10.74
40)	T	p-Chloro-m-cresol	0.234	0.198	0.184	0.211	0.227	0.252	0.255	0.270	0.277	0.234	13.71
41)	T	2-Methylnaphthalene	0.733	0.594	0.613	0.594	0.576	0.598	0.580	0.585	0.580	0.606	8.07
42)	T	1-Methylnaphthalene	0.285	0.241	0.225	0.217	0.213	0.219	0.210	0.214	0.217	0.227	10.47
43)	T	Hexachlorocyclopentadiene	0.206	0.198	0.172	0.181	0.190	0.203	0.207	0.220	0.228	0.200	8.88
44)	T	2,4,6-Trichlorophenol	0.136	0.134	0.152	0.158	0.189	0.190	0.199	0.219	0.214	0.177	18.34
45)	T	2,4,5-Trichlorophenol	0.196	0.173	0.147	0.161	0.189	0.215	0.213	0.221	0.235	0.194	15.30
46)	S	2-Fluorobiphenyl	0.925	0.804	0.808	0.745	0.727	0.752	0.730	0.755	0.756	0.778	7.98
47)	T	2-Chloronaphthalene	0.912	0.651	0.690	0.641	0.644	0.646	0.619	0.629	0.640	0.675	13.52
48)	T	2-Nitroaniline		0.109	0.135	0.128	0.151	0.177	0.187	0.205	0.200	*L	0.9973
49)	T	1,4-Dinitrobenzene			0.055	0.065	0.074	0.085	0.093	0.100	0.098	*L	0.9987
50)	T	1,3-Dinitrobenzene					0.092	0.098	0.108	0.115	0.117	0.106	10.25
51)	T	Dimethyl phthalate	0.813	0.702	0.707	0.712	0.725	0.751	0.743	0.765	0.778	0.744	4.94
52)	T	Acenaphthylene	1.189	1.069	1.070	1.038	1.053	1.111	1.082	1.107	1.106	1.092	4.06
53)	T	2,6-Dinitrotoluene	0.110	0.115	0.105	0.123	0.133	0.151	0.151	0.160	0.152	0.133	15.54
54)	T	1,2-Dinitrobenzene		0.041	0.054	0.057	0.062	0.067	0.071	0.073	0.070	0.062	17.50
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.180	0.249	0.188	0.189	0.241	0.216	0.233	0.266	0.273	0.226	15.40
57)	T	3-Chloroaniline		0.124	0.100	0.108	0.143	0.119	0.124	0.134	0.132	0.123	11.34
58)	T	2,6-Dichlorophenol	0.172	0.248	0.170	0.190	0.267	0.234	0.251	0.277	0.279	0.232	18.94
59)	T	1-chloro-2-nitrobenzene	0.110	0.128	0.110	0.108	0.138	0.117	0.128	0.138	0.138	0.124	10.45
60)	T	Caprolactam				0.035	0.095	0.091	0.135	0.164	0.162	*L	0.9939
61)	T	1,2,4,5-Tetrachlorobenzene	0.402	0.406	0.303	0.310	0.368	0.296	0.315	0.338	0.340	0.342	12.13
62)	T	Biphenyl	0.905	1.065	0.756	0.796	0.966	0.799	0.826	0.881	0.862	0.873	11.01
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline	0.243	0.191	0.223	0.236	0.275	0.314	0.322	0.330	0.320	0.273	18.80
65)	T	Acenaphthene	1.504	1.259	1.184	1.049	1.025	1.036	0.993	1.064	1.042	1.128	14.58
66)	T	2,4-Dinitrophenol				0.045	0.069	0.103	0.120	0.148	0.152	*L	0.9951
67)	T	Dibenzofuran	2.372	1.988	1.788	1.718	1.683	1.680	1.640	1.738	1.735	1.816	12.75
68)	T	2,4-Dinitrotoluene			0.206	0.276	0.317	0.365	0.367	0.409	0.409	*L	0.9988
69)	T	4-Nitrophenol			0.123	0.148	0.176	0.210	0.214	0.241	0.234	*L	0.9984
70)	T	2,3,5,6-Tetrachlorophenol			0.197	0.231	0.269	0.305	0.315	0.344	0.331	*L	0.9990
71)	T	2,3,4,6-Tetrachlorophenol	0.115	0.145	0.219	0.188	0.258	0.259	0.242			*L	0.9962
72)	T	Diethyl phthalate	1.444	1.212	1.158	1.211	1.207	1.286	1.263	1.393	1.362	1.282	7.62

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22486**
Calibration dates	**: 07/17/25 11:21 07/17/25 22:44**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.480	1.323	1.345	1.246	1.254	1.319	1.277	1.359	1.302	1.323	5.32
74)	T	4-Chlorophenyl-phenylether	0.809	0.658	0.655	0.591	0.585	0.613	0.586	0.607	0.581	0.632	11.49
75)	T	4-Nitroaniline	0.229	0.204	0.212	0.242	0.280	0.310	0.314	0.342	0.314	0.272	18.75
76)	T	4,6-Dinitro-o-cresol			0.057	0.086	0.114	0.150	0.163	0.202	0.204	*L	0.9936
77)	T	NDPA/DPA	1.110	0.924	1.004	1.031	1.037	1.076	1.056	1.133	1.120	1.055	6.23
78)	T	Azobenzene	1.431	1.095	1.193	1.147	1.191	1.225	1.210	1.276	1.219	1.221	7.68
79)	S	2,4,6-Tribromophenol		0.106	0.127	0.136	0.155	0.170	0.175	0.192	0.190	0.156	19.78
80)	T	4-Bromophenyl-phenylether	0.447	0.395	0.348	0.348	0.345	0.348	0.349	0.387	0.376	0.371	9.22
81)	T	Hexachlorobenzene	0.560	0.469	0.407	0.424	0.388	0.398	0.395	0.428	0.424	0.432	12.38
82)	T	Pentachlorophenol			0.111	0.144	0.179	0.213	0.235	0.282	0.278	*L	0.9954
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran					0.107	0.104	0.139	0.170	0.177	*L	0.9993
85)	T	Pentachloronitrobenzene			0.100	0.091	0.130	0.119	0.147	0.171	0.168	*L	0.9949
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.196	0.211	0.216	0.242	0.253	0.301	0.320	0.353	0.449	*Q	0.9995
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.508	1.213	1.112	1.087	1.042	1.069	1.047	1.079	1.070	1.136	13.07
90)	T	Anthracene	1.201	1.055	1.001	0.994	0.994	1.048	1.042	1.086	1.087	1.056	6.17
91)	T	Carbazole	0.874	0.799	0.773	0.886	0.949	1.000	1.007	1.099	1.102	0.943	12.69
92)	T	Di-n-butylphthalate			0.750	0.843	1.032	1.105	1.280	1.494	1.528	*L	0.9948
93)	T	Fluoranthene	1.095	1.035	0.946	1.045	1.076	1.168	1.197	1.290	1.278	1.126	10.31
94)	T	Benzidine				0.313	0.388	0.533	0.640	0.773	0.807	*Q	0.9977
95)	T	Pyrene	1.322	1.141	1.041	1.140	1.193	1.274	1.261	1.331	1.317	1.224	8.27
96)	S	4-Terphenyl-d14	0.963	0.793	0.767	0.842	0.851	0.921	0.934	1.005	1.017	0.899	10.02
97)	T	Butyl benzyl phthalate			0.214	0.245	0.292	0.383	0.451	0.560	0.593	*Q	0.9968
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid	0.327	0.364	0.277	0.269	0.422	0.379	0.453	0.544	0.586	*Q	0.9972
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane	0.321	0.344	0.400	0.400	0.421	0.458	0.495	0.534	0.576	0.439	19.32
102)	T	Parathion			0.053	0.050	0.055	0.068	0.081	0.107	0.145	*Q	0.9997
103)	T	3,3'-Dimethylbenzidine			0.009	0.062	0.182	0.260	0.349	0.617		*Q	1.0000
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo[a]anthracene	1.328	1.132	1.020	1.096	1.119	1.184	1.236	1.309	1.251	1.186	8.69
106)	T	3,3'-Dichlorobenzidine			0.219	0.245	0.302	0.377	0.417	0.487	0.478	*L	0.9959
107)	T	Chrysene	1.674	1.298	1.154	1.173	1.134	1.158	1.089	1.130	1.094	1.211	15.19
108)	T	bis(2-Ethylhexyl)phthalate		0.330	0.319	0.386	0.499	0.622	0.689	0.795		*Q	0.9979

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544316**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22486**
Calibration dates	**: 07/17/25 11:21 07/17/25 22:44**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD	
109)	T	Di-n-octylphthalate	0.800	0.583	0.574	0.494	0.629	0.785	0.935	1.369			*Q	0.9993
110)	T	Benzo(b)fluoranthene	1.100	0.857	0.807	0.928	1.060	1.091	1.144	1.147	1.148	1.031	12.82	
111)	T	Benzo(k)fluoranthene	0.968	0.945	0.968	1.098	1.028	1.139	1.034	1.171	1.137	1.054	8.05	
112)	T	Benzo(a)pyrene	0.823	0.742	0.743	0.847	0.921	1.015	0.999	1.118	1.092	0.922	15.43	
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene		0.768	0.656	0.743	0.897	0.993	1.093	1.180	1.125		*L	0.9972
115)	T	Dibenzo[a,h]anthracene	0.787	0.702	0.721	0.860	0.933	1.019	1.036	1.094	1.076	0.914	16.67	
116)	T	Benzo(g,h,i)perylene	0.979	0.803	0.806	0.896	0.943	0.997	1.022	1.063	0.920	0.936	9.66	

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV106		Calibration Date	: 07/21/25 17:51	
Lab File ID	: ABN0721A		Init. Calib. Date(s)	: 07/17/25	07/17/25
Sample No	: WG2093240-3		Init. Calib. Times	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	117	0
n-Nitrosodimethylamine	0.675	0.7	-	-3.7	20	108	0
Pyridine	1.24	1.161	-	6.4	20	102	0
2-Fluorophenol	1.045	0.975	-	6.7	20	98	0
Aniline	1.588	1.683	-	-6	20	110	0
2-Chlorophenol	1.198	1.205	-	-0.6	20	106	0
Phenol-d6	1.304	1.299	-	0.4	20	106	0
Phenol	1.414	1.455	-	-2.9	20	110	0
Bis(2-chloroethyl)ether	1.177	1.196	-	-1.6	20	117	0
1,3-Dichlorobenzene	1.502	1.482	-	1.3	20	112	0
1,4-Dichlorobenzene	1.551	1.51	-	2.6	20	113	0
1,2-Dichlorobenzene	1.46	1.451	-	0.6	20	112	0
Benzyl alcohol	5	4.364	-	12.7	20	107	0
Bis(2-chloroisopropyl)ethe	1.967	1.81	-	8	20	111	0
2-Methylphenol	1.061	1.028	-	3.1	20	98	0
Hexachloroethane	0.587	0.56	-	4.6	20	110	0
n-Nitrosodi-n-propylamine	0.78	0.785	-	-0.6	20	112	0
3-Methylphenol/4-Methylphe	1.096	1.133	-	-3.4	20	109	0
Nitrobenzene-d5	1.196	1.197	-	-0.1	20	111	0
Nitrobenzene	1.239	1.246	-	-0.6	20	112	0
Isophorone	2.112	2.242	-	-6.2	20	112	0
2-Nitrophenol	0.524	0.483	-	7.8	20	100	0
2,4-Dimethylphenol	1.234	1.019	-	17.4	20	83	0
Bis(2-chloroethoxy)methane	1.512	1.53	-	-1.2	20	114	0
2,4-Dichlorophenol	0.997	0.988	-	0.9	20	104	0
1,2,4-Trichlorobenzene	1.282	1.216	-	5.1	20	110	0
IS1_Naphthalene-d8	1	1	-	0	20	117	0
Naphthalene	1.055	1.03	-	2.4	20	118	0
Benzoic Acid	5	4.652	-	7	20	103	0
4-Chloroaniline	0.107	0.111	-	-3.7	20	113	0
Hexachlorobutadiene	0.179	0.165	-	7.8	20	109	0
p-Chloro-m-cresol	0.234	0.23	-	1.7	20	107	0
2-Methylnaphthalene	0.606	0.613	-	-1.2	20	120	0
1-Methylnaphthalene	0.227	0.219	-	3.5	20	117	0
Hexachlorocyclopentadiene	0.2	0.17	-	15	20	98	0
2,4,6-Trichlorophenol	0.177	0.161	-	9	20	100	0
2,4,5-Trichlorophenol	0.194	0.184	-	5.2	20	101	0
2-Fluorobiphenyl	0.778	0.74	-	4.9	20	116	0
2-Chloronaphthalene	0.675	0.635	-	5.9	20	115	0
2-Nitroaniline	5	4.318	-	13.6	20	110	0
1,4-Dinitrobenzene	5	4.431	-	11.4	20	111	0
1,3-Dinitrobenzene	0.106	0.094	-	11.3	20	113	0
Dimethyl phthalate	0.744	0.694	-	6.7	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV106		Calibration Date	: 07/21/25 17:51	
Lab File ID	: ABN0721A		Init. Calib. Date(s)	: 07/17/25	07/17/25
Sample No	: WG2093240-3		Init. Calib. Times	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.092	1.105	-	-1.2	20	117	0
2,6-Dinitrotoluene	0.133	0.141	-	-6	20	110	0
1,2-Dinitrobenzene	0.062	0.066	-	-6.5	20	115	0
IS1_Acenaphthene-d10	1	1	-	0	20	116	0
3-Nitroaniline	0.273	0.307	-	-12.5	20	114	0
Acenaphthene	1.128	1.059	-	6.1	20	118	0
2,4-Dinitrophenol	5	4.509	-	9.8	20	118	0
Dibenzofuran	1.816	1.711	-	5.8	20	118	0
2,4-Dinitrotoluene	5	4.593	-	8.1	20	110	0
4-Nitrophenol	5	4.52	-	9.6	20	109	0
2,3,5,6-Tetrachlorophenol	5	4.159	-	16.8	20	99	0
2,3,4,6-Tetrachlorophenol	5	5.329	-	-6.6	20	118	0
Diethyl phthalate	1.282	1.213	-	5.4	20	109	0
Fluorene	1.323	1.34	-	-1.3	20	118	0
4-Chlorophenyl phenyl ethe	0.632	0.597	-	5.5	20	113	0
4-Nitroaniline	0.272	0.288	-	-5.9	20	108	0
4,6-Dinitro-o-cresol	5	4.208	-	15.8	20	113	0
NDPA/DPA	1.055	1.098	-	-4.1	20	118	0
Azobenzene	1.221	1.277	-	-4.6	20	121	0
2,4,6-Tribromophenol	0.156	0.15	-	3.8	20	103	0
4-Bromophenyl phenyl ether	0.371	0.349	-	5.9	20	116	0
Hexachlorobenzene	0.432	0.387	-	10.4	20	113	0
Pentachlorophenol	5	3.798	-	24*	20	100	0
IS1_Phenanthrene-d10	1	1	-	0	20	116	0
Phenanthrene	1.136	1.108	-	2.5	20	121	0
Anthracene	1.056	1.074	-	-1.7	20	119	0
Carbazole	0.943	1.022	-	-8.4	20	119	0
Di-n-butylphthalate	5	3.876	-	22.5*	20	108	0
Fluoranthene	1.126	1.175	-	-4.4	20	117	0
Benzidine	5	4.373	-	12.5	20	110	0
Pyrene	1.224	1.282	-	-4.7	20	117	0
4-Terphenyl-d14	0.899	0.901	-	-0.2	20	114	0
Butyl benzyl phthalate	5	4.239	-	15.2	20	108	0
IS1_Chrysene-d12	1	1	-	0	20	117	0
Benzo(a)anthracene	1.186	1.201	-	-1.3	20	119	0
3,3'-Dichlorobenzidine	5	4.236	-	15.3	20	112	0
Chrysene	1.211	1.159	-	4.3	20	117	0
Bis(2-ethylhexyl)phthalate	5	4.858	-	2.8	20	110	0
Di-n-octylphthalate	5	5.588	-	-11.8	20	129	0
Benzo(b)fluoranthene	1.031	1.126	-	-9.2	20	121	0
Benzo(k)fluoranthene	1.054	1.137	-	-7.9	20	117	0
Benzo(a)pyrene	0.922	1.025	-	-11.2	20	118	0
IS1_Perylene-d12	1	1	-	0	20	118	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544316	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV106		**Calibration Date**	: 07/21/25 17:51	
Lab File ID	: ABN0721A		**Init. Calib. Date(s)**	: 07/17/25	07/17/25
Sample No	: WG2093240-3		**Init. Calib. Times**	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	5	4.474	-	10.5	20	116	0
Dibenzo(a,h)anthracene	0.914	1.008	-	-10.3	20	117	0
Benzo(ghi)perylene	0.936	0.996	-	-6.4	20	118	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV106		Calibration Date	: 07/21/25 18:14	
Lab File ID	: ADP0721		Init. Calib. Date(s)	: 07/17/25	07/17/25
Sample No	: WG2093240-5		Init. Calib. Times	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	67	0
1,4-Dioxane	0.533	0.569	-	-6.8	20	77	0
n-Decane	1.537	1.264	-	17.8	20	57	0
IS3_Acenaphthene-d10	1	1	-	0	20	80	-.01
Atrazine	5	6.065	-	-21.3*	20	104	0
IS3_Phenanthrene-d10	1	1	-	0	20	80	0
n-Octadecane	0.42	0.36	-	14.3	20	70	0
Parathion	5	6.398	-	-28*	20	133	0
3,3'-Dimethylbenzidine	5	5.05	-	-1	20	116	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: SV106	Calibration Date	: 07/24/25 00:31
Lab File ID	: ABN0723N	Init. Calib. Date(s)	: 07/17/25 07/17/25
Sample No	: WG2094394-3	Init. Calib. Times	: 11:21 22:44
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	124	0
n-Nitrosodimethylamine	0.675	0.624	-	7.6	20	102	0
Pyridine	1.24	0.782	-	36.9*	20	73	0
2-Fluorophenol	1.045	0.923	-	11.7	20	99	0
Aniline	1.588	1.487	-	6.4	20	103	0
2-Chlorophenol	1.198	1.073	-	10.4	20	100	0
Phenol-d6	1.304	1.228	-	5.8	20	106	0
Phenol	1.414	1.271	-	10.1	20	102	0
Bis(2-chloroethyl)ether	1.177	1.068	-	9.3	20	111	0
1,3-Dichlorobenzene	1.502	1.322	-	12	20	106	0
1,4-Dichlorobenzene	1.551	1.368	-	11.8	20	109	0
1,2-Dichlorobenzene	1.46	1.301	-	10.9	20	107	0
Benzyl alcohol	5	4.277	-	14.5	20	112	0
Bis(2-chloroisopropyl)ethe	1.967	1.671	-	15	20	109	0
2-Methylphenol	1.061	0.948	-	10.7	20	95	0
Hexachloroethane	0.587	0.489	-	16.7	20	102	0
n-Nitrosodi-n-propylamine	0.78	0.742	-	4.9	20	112	0
3-Methylphenol/4-Methylphe	1.096	1.039	-	5.2	20	106	0
Nitrobenzene-d5	1.196	1.101	-	7.9	20	108	0
Nitrobenzene	1.239	1.127	-	9	20	107	0
Isophorone	2.112	1.989	-	5.8	20	106	0
2-Nitrophenol	0.524	0.513	-	2.1	20	112	0
2,4-Dimethylphenol	1.234	1.117	-	9.5	20	96	0
Bis(2-chloroethoxy)methane	1.512	1.366	-	9.7	20	108	0
2,4-Dichlorophenol	0.997	0.991	-	0.6	20	111	0
1,2,4-Trichlorobenzene	1.282	1.189	-	7.3	20	114	0
IS1_Naphthalene-d8	1	1	-	0	20	120	0
Naphthalene	1.055	0.905	-	14.2	20	106	0
Benzoic Acid	5	5.075	-	-1.5	20	124	0
4-Chloroaniline	0.107	0.108	-	-0.9	20	111	0
Hexachlorobutadiene	0.179	0.177	-	1.1	20	119	0
p-Chloro-m-cresol	0.234	0.235	-	-0.4	20	111	0
2-Methylnaphthalene	0.606	0.556	-	8.3	20	111	0
1-Methylnaphthalene	0.227	0.21	-	7.5	20	115	0
Hexachlorocyclopentadiene	0.2	0.225	-	-12.5	20	132	0
2,4,6-Trichlorophenol	0.177	0.187	-	-5.6	20	118	0
2,4,5-Trichlorophenol	0.194	0.212	-	-9.3	20	118	0
2-Fluorobiphenyl	0.778	0.749	-	3.7	20	119	0
2-Chloronaphthalene	0.675	0.619	-	8.3	20	115	0
2-Nitroaniline	5	4.225	-	15.5	20	109	0
1,4-Dinitrobenzene	5	4.388	-	12.2	20	112	0
1,3-Dinitrobenzene	0.106	0.098	-	7.5	20	120	0
Dimethyl phthalate	0.744	0.745	-	-0.1	20	118	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV106		Calibration Date	: 07/24/25 00:31	
Lab File ID	: ABN0723N		Init. Calib. Date(s)	: 07/17/25	07/17/25
Sample No	: WG2094394-3		Init. Calib. Times	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.092	1.031	-	5.6	20	111	0
2,6-Dinitrotoluene	0.133	0.145	-	-9	20	114	0
1,2-Dinitrobenzene	0.062	0.066	-	-6.5	20	118	0
IS1_Acenaphthene-d10	1	1	-	0	20	128	0
3-Nitroaniline	0.273	0.276	-	-1.1	20	113	0
Acenaphthene	1.128	0.947	-	16	20	117	0
2,4-Dinitrophenol	5	4.502	-	10	20	131	0
Dibenzofuran	1.816	1.554	-	14.4	20	118	0
2,4-Dinitrotoluene	5	4.54	-	9.2	20	120	0
4-Nitrophenol	5	4.781	-	4.4	20	128	0
2,3,5,6-Tetrachlorophenol	5	4.813	-	3.7	20	128	0
2,3,4,6-Tetrachlorophenol	5	6.125	-	-22.5*	20	150	0
Diethyl phthalate	1.282	1.164	-	9.2	20	116	0
Fluorene	1.323	1.219	-	7.9	20	118	0
4-Chlorophenyl phenyl ethe	0.632	0.592	-	6.3	20	124	0
4-Nitroaniline	0.272	0.264	-	2.9	20	109	0
4,6-Dinitro-o-cresol	5	4.861	-	2.8	20	147	0
NDPA/DPA	1.055	1.031	-	2.3	20	123	0
Azobenzene	1.221	1.096	-	10.2	20	115	0
2,4,6-Tribromophenol	0.156	0.185	-	-18.6	20	139	0
4-Bromophenyl phenyl ether	0.371	0.361	-	2.7	20	133	0
Hexachlorobenzene	0.432	0.419	-	3	20	135	0
Pentachlorophenol	5	4.242	-	15.2	20	125	0
IS1_Phenanthrene-d10	1	1	-	0	20	142	0
Phenanthrene	1.136	0.946	-	16.7	20	126	0
Anthracene	1.056	0.946	-	10.4	20	128	0
Carbazole	0.943	0.872	-	7.5	20	124	0
Di-n-butylphthalate	5	3.47	-	30.6*	20	116	0
Fluoranthene	1.126	1.056	-	6.2	20	128	0
Benzidine	5	5.102	-	-2	20	162	0
Pyrene	1.224	1.175	-	4	20	131	0
4-Terphenyl-d14	0.899	0.867	-	3.6	20	134	0
Butyl benzyl phthalate	5	4.169	-	16.6	20	130	0
IS1_Chrysene-d12	1	1	-	0	20	147	0
Benzo(a)anthracene	1.186	1.039	-	12.4	20	129	0
3,3'-Dichlorobenzidine	5	4.414	-	11.7	20	147	0
Chrysene	1.211	1.055	-	12.9	20	134	0
Bis(2-ethylhexyl)phthalate	5	4.654	-	6.9	20	132	0
Di-n-octylphthalate	5	5.187	-	-3.7	20	148	0
Benzo(b)fluoranthene	1.031	1.008	-	2.2	20	136	0
Benzo(k)fluoranthene	1.054	1.064	-	-0.9	20	137	0
Benzo(a)pyrene	0.922	0.928	-	-0.7	20	134	0
IS1_Perylene-d12	1	1	-	0	20	153	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544316	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV106		**Calibration Date**	: 07/24/25 00:31	
Lab File ID	: ABN0723N		**Init. Calib. Date(s)**	: 07/17/25	07/17/25
Sample No	: WG2094394-3		**Init. Calib. Times**	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	5	4.003	-	19.9	20	134	0
Dibenzo(a,h)anthracene	0.914	0.92	-	-0.7	20	138	0
Benzo(ghi)perylene	0.936	0.89	-	4.9	20	136	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV106		Calibration Date	: 07/24/25 01:18	
Lab File ID	: ADP0723N		Init. Calib. Date(s)	: 07/17/25	07/17/25
Sample No	: WG2094394-5		Init. Calib. Times	: 11:21	22:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
1,4-Dioxane	0.51	0.482	-	5.5	20	91	0
n-Decane	1.532	1.333	-	13	20	75	0
IS3_Acenaphthene-d10	1	1	-	0	20	78	0
Atrazine	5	6.007	-	-20.1*	20	90	0
IS3_Phenanthrene-d10	1	1	-	0	20	89	0
n-Octadecane	0.439	0.366	-	16.6	20	71	0
Parathion	5	4.594	-	8.1	20	84	0
3,3'-Dimethylbenzidine	5	6.504	-	-30.1*	20	127	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within the USEPS SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for hexachlorobenzene was above the allowable maximum (20%) on 07-20-25 (WG2092769-3). Positive results for hexachlorobenzene should be considered estimated (J) in associated samples.

Blanks: Method blank WG2091137-1BLANK contained traces of benzo(a)anthracene (0.04 ug/L), dibenzo(a,h)anthracene (0.06 ug/L), pentachlorophenol (0.18 ug/L), and hexachlorobenzene (0.02 ug/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091137-2/3.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2091137-1	Date Collected	: NA
Client ID	: WG2091137-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/16/25 17:29
Sample Matrix	: WATER	Date Extracted	: 07/16/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 091137-1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	0.06	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	0.18	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544316	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV119		Calibration Date	: 07/20/25 11:45	
Lab File ID	: CCV0720A		Init. Calib. Date(s)	: 06/25/25	06/25/25
Sample No	: WG2092769-3		Init. Calib. Times	: 20:07	22:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	116	0
N-Nitrosodimethylamine	0.682	0.609	.05	10.7	20	104	0
2-Fluorophenol	1.156	1.121	.05	3	20	118	0
Phenol-d6	1.436	1.346	.05	6.3	20	110	0
Bis(2-chloroethyl)ether	1.247	1.021	.05	18.1	20	101	0
n-nitrosodi-n-propylamine	0.929	0.702	.05	24.4*	20	88	0
Hexachloroethane	0.514	0.454	.05	11.7	20	104	0
Nitrobenzene-d5	1.315	1.107	.05	15.8	20	100	0
Naphthalene-d8	1	1	.05	0	20	110	0
Naphthalene	1.086	0.963	.05	11.3	20	103	0
Hexachlorobutadiene	0.204	0.186	.05	8.8	20	104	0
2-Methylnaphthalene	0.692	0.63	.05	9	20	106	0
1-Methylnaphthalene	0.7	0.642	.05	8.3	20	103	0
2-Fluorobiphenyl	0.896	0.851	.05	5	20	106	0
2-Chloronaphthalene	0.753	0.71	.05	5.7	20	104	0
2,6-Dinitrotoluene	0.162	0.188	.05	-16	20	122	0
Acenaphthylene	1.266	1.189	.05	6.1	20	101	0
Acenaphthene-d10	1	1	.05	0	20	110	0
Acenaphthene	1.324	1.193	.05	9.9	20	102	0
2,4-Dinitrotoluene	0.363	0.45	.05	-24*	20	130	0
Fluorene	1.596	1.469	.05	8	20	103	0
2,4,6-Tribromophenol	0.23	0.246	.05	-7	20	115	0
Phenanthrene-d10	1	1	.05	0	20	124	0
4,6-Dinitro-o-cresol	1000	1179.663	.05	-18	20	162	0
Hexachlorobenzene	0.282	0.214	.05	24.1*	20	100	0
Pentachlorophenol	1000	975.777	.05	2.4	20	127	0
Phenanthrene	1.21	1.013	.05	16.3	20	109	0
Anthracene	1.222	1.028	.05	15.9	20	105	0
Fluoranthene	1.594	1.334	.05	16.3	20	104	0
Pyrene	1.677	1.387	.05	17.3	20	102	0
Benzidine	1000	483.005	.05	51.7*	20	55	0
4-Terphenyl-d14	1.106	0.995	.05	10	20	111	0
Chrysene-d12	1	1	.05	0	20	115	0
Benzo[a]anthracene	1000	931.335	.05	6.9	20	107	0
3,3'-Dichlorobenzidine	0.534	0.536	.05	-0.4	20	105	0
Chrysene	1.304	1.155	.05	11.4	20	101	0
Bis(2-ethylhexyl)phthalate	0.716	0.691	.05	3.5	20	107	0
Perylene-d12	1	1	.05	0	20	118	0
Benzo[b]fluoranthene	1.105	1.187	.05	-7.4	20	116	0
Benzo[k]fluoranthene	1.278	1.163	.05	9	20	103	0
Benzo[a]pyrene	1.05	1.097	.05	-4.5	20	111	0
Indeno[1,2,3-cd]pyrene	1000	1200.191	.05	-20	20	144	0
Dibenzo[a,h]anthracene	1000	1140.96	.05	-14.1	20	135	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544316	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV119		**Calibration Date**	: 07/20/25 11:45	
Lab File ID	: CCV0720A		**Init. Calib. Date(s)**	: 06/25/25	06/25/25
Sample No	: WG2092769-3		**Init. Calib. Times**	: 20:07	22:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	0.975	1.143	.05	-17.2	20	123	0

* Value outside of QC limits.

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank reported 1,4-dioxane and not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2092263-2/3.

Compound ID: Checked surrogate and 1,4-dioxane results were within quantitation limits.

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Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide
Data for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2091685-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %Ds for target pesticides were below the allowable maximum (20%) for both channels, as required.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate results were within GC quantitation limits. The analyses of ground water samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of ground water samples reported target multi-component pesticides as not detected.

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PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2091158-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of ground water samples reported target compounds as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: Method blank WG2092151-1BLANK contained a trace of 6:2FTS (1.86 ng/L). Positive results for 6:2FTS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for 6:2FTS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Surrogate Recovery: Three of eighteen surrogate recoveries for sample MW-7 were above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the sample.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for aqueous batch MS/MSD sample WG2092151-3/4.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous sample WG2092151-2.

Compound ID: Checked PFAS results were within LC quantitation limits.

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Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544316
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-6 (L2544316-01)	90	91	116	77	78	129	86
MW-7 (L2544316-02)	93	74	87	70	77	91	92
MW-3 (L2544316-03)	NA	NA	NA	NA	NA	NA	NA
MW-3 (L2544316-03)	86	89	109	73	77	126	82
WG2092151-1BLANK	108	102	131	99	100	143*	110
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
WG2092151-2LCS	99	93	129	90	90	139*	105
MW-1MS	100	99	126	86	86	139*	93
MW-1MSD	121	124	147*	106	109	160*	123

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(62-129) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544316
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-6 (L2544316-01)	121	69	86	76	92	86	67
MW-7 (L2544316-02)	207*	80	93	88	207*	120*	84
MW-3 (L2544316-03)	NA	NA	NA	NA	NA	NA	NA
MW-3 (L2544316-03)	120	67	87	80	92	98	77
WG2092151-1BLANK	121	99	108	106	119	95	95
WG2092151-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG2092151-2LCS	NA	NA	NA	NA	NA	NA	NA
WG2092151-2LCS	122	84	106	96	122	93	89
MW-1MS	143	73	99	90	106	82	83
MW-1MSD	159*	98	114	107	120	96	89

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(55-137) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544316
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-6 (L2544316-01)	10	72	64	68	--	--	--	0
MW-7 (L2544316-02)	40	125	78	79	--	--	--	3
MW-3 (L2544316-03)	71	NA	NA	NA	--	--	--	0
MW-3 (L2544316-03)	NA	83	70	72	--	--	--	0
WG2092151-1BLANK	30	97	87	78	--	--	--	1
WG2092151-1BLANK	86	NA	NA	NA	--	--	--	0
WG2092151-2LCS	80	NA	NA	NA	--	--	--	0
WG2092151-2LCS	26	81	78	64	--	--	--	1
MW-1MS	28	72	77	74	--	--	--	1
MW-1MSD	18	90	85	90	--	--	--	3

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.86	2.00	1.33	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/18/25 23:13
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250718_10	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092151-1	Date Collected	: NA
Client ID	: WG2092151-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/22/25 10:42
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W02_250722_09	Analyst	: PS
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U

Herbicide Data Section

ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2092062-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %D for 2,4-D was above the allowable maximum (15%) for channel A on 07-19-25 (15250719a-01). The %D for 2,4,5-T was above the allowable maximum (15%) for channel B on 07-19-25 (15250719a-01). Positive results for these herbicides should be considered estimated (J) in associated samples.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported target herbicides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	99	0
Dalapon	0.182	0.227	-	-24.7*	15	121	0
DCAA (surrogate)	0.187	0.195	-	-4.3	15	104	0
Dicamba	0.596	0.602	-	-1	15	102	0
MCPP	18.8	13.428	-	28.6*	15	71	0
MCPA	18.6	14.746	-	20.7*	15	79	0
Dichloroprop	0.19	0.194	-	-2.1	15	101	0
2,4-D	0.22	0.093	-	57.7*	15	43	0
2,4,5-TP (Silvex)	0.79	0.81	-	-2.5	15	103	0
2,4,5-T	0.759	0.838	-	-10.4	15	113	0
2,4-DB	0.127	0.118	-	7.1	15	95	0
Dinoseb	0.405	0.694	-	-71.4*	15	172	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST15	Calibration Date	: 07/19/25 06:42
Lab File ID	: 15250719a-01	Init. Calib. Date(s)	: 04/15/25 04/15/25
Sample No	: WG2092557-1	Init. Calib. Times	: 18:15 19:52
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	97	0
Dalapon	0.182	0.196	-	-7.7	15	106	0
DCAA (surrogate)	0.194	0.188	-	3.1	15	96	0
Dicamba	0.605	0.587	-	3	15	96	0
MCPP	0.00069	0.00069	-	0	15	99	0
MCPA	0.00119	0.00117	-	1.7	15	98	0
Dichloroprop	0.19	0.184	-	3.2	15	96	0
2,4-D	0.235	0.226	-	3.8	15	96	0
2,4,5-TP (Silvex)	0.854	0.774	-	9.4	15	89	0
2,4,5-T	0.821	0.648	-	21.1*	15	79	0
2,4-DB	0.13	0.112	-	13.8	15	87	0
Dinoseb	0.424	0.476	-	-12.3	15	112	0

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2544316

3 Ground Water Samples
Collected July 15, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for calcium and potassium were above control limits (80-120%) for sample R1996478-5. Positive results for calcium and potassium should be considered estimated, biased high (J+) in associated samples.

Spike Sample Recovery: The percent recoveries for applicable metals were within control limits (75-125%) for aqueous batch spike samples L2500778-167 and L2544117-01.

Laboratory Duplicates: The analyses of aqueous batch duplicate samples WG2094683-4 and WG2094689-4 were acceptable.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2094683-2 and WG2094689-2.

Serial Dilution: This data was not provided.

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Form 4a
Interference Check Sample

Client	: Vektor Consultants, LLC	Lab Number	: L2544316
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: ICPMSQ	Concentration Units	: ug/l

		True		Initial Found				Final Found			
Lab ID	:			R1996478-5							
Analysis Date	:			08/06/25 11:46							
Analyte		Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum		100000		120000	120						
Antimony				1.24							
Arsenic				0.472							
Barium				0.872							
Cadmium				0.640							
Calcium		300000		368000	123						
Chromium				1.11							
Cobalt				2.35							
Copper				0.726							
Iron		250000		246000	98						
Lead				1.04							
Magnesium		100000		114000	114						
Manganese				3.48							
Nickel				2.41							
Potassium		100000		125000	125						
Selenium				0.199							
Silver				0.0243							
Sodium		250000		288000	115						
Thallium				0.0571							
Vanadium				0.0656							
Zinc				5.28							

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

L2544658

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2544658

4 Ground Water Samples and 1 Trip Blank
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatiles, SIM Semi-volatiles, PCBs, pesticides, and TAL metals analyses for 4 ground water samples; the results of herbicides, 1,4-dioxane, and PFAS analyses for 3 ground water samples; and the results of volatile analyses for 1 trip blank.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile result for carbon disulfide was qualified as "estimated" (J) for sample MW-4 because the %D for carbon disulfide was above the allowable maximum in the associated continuing calibration verification sample

- The "not detected" volatile results for 4-methyl-2-pentanone were qualified as "estimated" (UJ) for all 4 ground water samples and trip blank because 1 of 2 percent recoveries for 4-methyl-2-pentanone was below QC limits, but below 30% in the associated aqueous LCS/LCSD.

- The "not detected" volatile results for 1,4-dioxane were qualified as "rejected, unusable" (R) for all 4 ground water samples and trip blank because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.

- The positive semi-volatile result for carbazole was qualified as "estimated, biased low" (J-) for sample MW-4 because 1 of 2 percent recoveries for carbazole was below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

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- The "not detected" semi-volatile results for 3,3'-dichlorobenzidine were qualified as "estimated" (UJ) for all 4 ground water samples because 1 of 2 percent recoveries for 3,3'-dichlorobenzidine was below QC limits, but below 30% in the associated aqueous LCS/LCSD.

- The "not detected" semi-volatile results for carbazole were qualified as "estimated" (UJ) for samples MW-8, B8DW, and B10D because 1 of 2 percent recoveries for carbazole was below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The positive SIM semi-volatile result for hexachlorobenzene was qualified as "estimated" (J) for sample MW-4 because the %D for hexachlorobenzene was above the allowable maximum in the associated continuing calibration verification samples.

- The positive pesticide result for 4,4'-DDT was qualified as "estimated, biased low" (J-) for sample B10D because the RPD for dual column quantitation of 4,4'-DDT was above the allowable maximum, but was not above 70% and the lower result was reported.

- The positive pesticide result for 4,4'-DDT was qualified as "estimated, presumptive evidence" (JN) for sample B8DW because the %RPD for dual column quantitation of 4,4'-DDT was above the allowable maximum and above 70%, but not above 100%.

- The positive metal results for magnesium were qualified as estimated, biased low (J-) for all 4 ground water samples because 2 of 2 percent recoveries for magnesium were below control limits, but not below 30% in the associated aqueous batch MS/MSD sample.

All data are that are not qualified rejected (R) are considered usable with estimated (J-, J, JN, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 12:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A15	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 12:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A15	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	8.5	5.0	1.5		
75-15-0	Carbon disulfide	1.6	5.0	1.0	J	J
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	5.3	2.0	0.23		
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-01	**Date Collected**	: 07/16/25 15:50
Client ID	: MW-4	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/28/25 12:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V22250728A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A16	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	1.7	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A16	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	7.9	5.0	1.5		
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-02	**Date Collected**	: 07/16/25 09:15
Client ID	: MW-8	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/28/25 13:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V22250728A16	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A17	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	6.2	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A17	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	3.8	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	4.0	2.5	0.17		
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	3.7	2.5	0.70		
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	ND	5.0	1.5	U	
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-03	**Date Collected**	: 07/16/25 14:30
Client ID	: B8DW	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/28/25 13:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V22250728A17	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	22	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 13:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	4.3	2.5	0.70		
79-01-6	Trichloroethene	10	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	0.22	2.5	0.17	J	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	29	2.5	0.70		
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	4.2	5.0	1.5	J	
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-04	**Date Collected**	: 07/16/25 15:00
Client ID	: B10D	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/28/25 13:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V22250728A18	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-05	Date Collected	: 07/16/25 00:00
Client ID	: TRIP BLANK 7.16.25	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 14:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A19	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-05	Date Collected	: 07/16/25 00:00
Client ID	: TRIP BLANK 7.16.25	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 14:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A19	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	ND	5.0	1.5	U	
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-05	Date Collected	: 07/16/25 00:00
Client ID	: TRIP BLANK 7.16.25	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/28/25 14:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22250728A19	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.3	3.0	1.4	J	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	0.84	5.0	0.76	J	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:09
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	1.3	2.0	0.40	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	1.5	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	8.2	5.0	1.4	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	3.1	2.0	0.31	J-
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-01	**Date Collected**	: 07/16/25 15:50
Client ID	: MW-4	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/19/25 17:09
Sample Matrix	: WATER	**Date Extracted**	: 07/18/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 44658-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:34
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	3.0	1.4		
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:34
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U	
100-01-6	4-Nitroaniline	ND	5.0	1.4	U	
132-64-9	Dibenzofuran	ND	2.0	0.40	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U	
98-86-2	Acetophenone	ND	5.0	0.92	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U	
95-57-8	2-Chlorophenol	ND	2.0	0.65	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U	
88-75-5	2-Nitrophenol	ND	10	2.0	U	
100-02-7	4-Nitrophenol	ND	10	1.4	U	
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U	
108-95-2	Phenol	ND	5.0	0.35	U	
95-48-7	2-Methylphenol	ND	5.0	2.3	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U	
86-74-8	Carbazole	ND	2.0	0.31	U	UJ
1912-24-9	Atrazine	ND	10	1.0	U	
100-52-7	Benzaldehyde	ND	5.0	1.1	U	
105-60-2	Caprolactam	ND	10	1.2	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Lab ID	: L2544658-02	**Date Collected**	: 07/16/25 09:15
Client ID	: MW-8	**Date Received**	: 07/16/25
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 07/19/25 17:34
Sample Matrix	: WATER	**Date Extracted**	: 07/18/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 44658-02	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:59
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	3.0	1.4	J	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:59
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U	
100-01-6	4-Nitroaniline	ND	5.0	1.4	U	
132-64-9	Dibenzofuran	ND	2.0	0.40	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U	
98-86-2	Acetophenone	ND	5.0	0.92	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U	
95-57-8	2-Chlorophenol	ND	2.0	0.65	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U	
88-75-5	2-Nitrophenol	ND	10	2.0	U	
100-02-7	4-Nitrophenol	ND	10	1.4	U	
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U	
108-95-2	Phenol	ND	5.0	0.35	U	
95-48-7	2-Methylphenol	ND	5.0	2.3	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U	
86-74-8	Carbazole	ND	2.0	0.31	U	UJ
1912-24-9	Atrazine	ND	10	1.0	U	
100-52-7	Benzaldehyde	ND	5.0	1.1	U	
105-60-2	Caprolactam	80.	10	1.2		

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 17:59
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 18:24
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-04	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U	
78-59-1	Isophorone	ND	5.0	0.86	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
86-30-6	NDPA/DPA	ND	2.0	0.92	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.76	U	
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U	
92-52-4	Biphenyl	ND	2.0	0.20	U	
106-47-8	4-Chloroaniline	ND	5.0	0.47	U	
88-74-4	2-Nitroaniline	ND	5.0	1.0	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 18:24
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-04	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U	
100-01-6	4-Nitroaniline	ND	5.0	1.4	U	
132-64-9	Dibenzofuran	ND	2.0	0.40	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U	
98-86-2	Acetophenone	ND	5.0	0.92	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U	
95-57-8	2-Chlorophenol	ND	2.0	0.65	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U	
88-75-5	2-Nitrophenol	ND	10	2.0	U	
100-02-7	4-Nitrophenol	ND	10	1.4	U	
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U	
108-95-2	Phenol	ND	5.0	0.35	U	
95-48-7	2-Methylphenol	ND	5.0	2.3	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U	
86-74-8	Carbazole	ND	2.0	0.31	U	UJ
1912-24-9	Atrazine	ND	10	1.0	U	
100-52-7	Benzaldehyde	ND	5.0	1.1	U	
105-60-2	Caprolactam	45.	10	1.2		

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 18:24
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 44658-04	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 20:14
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44658-01	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	3.0	0.10	0.02		
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	2.3	0.10	0.03		
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	1.6	0.10	0.02		
56-55-3	Benzo(a)anthracene	0.90	0.10	0.03		
50-32-8	Benzo(a)pyrene	0.93	0.10	0.02		
205-99-2	Benzo(b)fluoranthene	1.2	0.10	0.03		
207-08-9	Benzo(k)fluoranthene	0.32	0.10	0.03		
218-01-9	Chrysene	0.92	0.10	0.03		
208-96-8	Acenaphthylene	0.49	0.10	0.02		
120-12-7	Anthracene	1.2	0.10	0.02		
191-24-2	Benzo(ghi)perylene	0.68	0.10	0.02		
86-73-7	Fluorene	1.8	0.10	0.03		
85-01-8	Phenanthrene	5.6	0.10	0.04		
53-70-3	Dibenzo(a,h)anthracene	0.18	0.10	0.02		
193-39-5	Indeno(1,2,3-cd)pyrene	0.70	0.10	0.02		
129-00-0	Pyrene	2.1	0.10	0.04		
91-57-6	2-Methylnaphthalene	0.85	0.10	0.03		
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	0.05	0.80	0.01	J	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02D	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/30/25 10:48
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 5
Lab File ID	: 658-02D1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	1.5	0.50	0.12	
91-58-7	2-Chloronaphthalene	ND	1.0	0.11	U
206-44-0	Fluoranthene	0.96	0.50	0.14	
87-68-3	Hexachlorobutadiene	ND	2.5	0.10	U
91-20-3	Naphthalene	7.6	0.50	0.12	
56-55-3	Benzo(a)anthracene	0.55	0.50	0.15	
50-32-8	Benzo(a)pyrene	0.43	0.50	0.12	J
205-99-2	Benzo(b)fluoranthene	0.45	0.50	0.14	J
207-08-9	Benzo(k)fluoranthene	ND	0.50	0.17	U
218-01-9	Chrysene	0.22	0.50	0.16	J
208-96-8	Acenaphthylene	ND	0.50	0.10	U
120-12-7	Anthracene	ND	0.50	0.12	U
191-24-2	Benzo(ghi)perylene	0.43	0.50	0.12	J
86-73-7	Fluorene	0.18	0.50	0.13	J
85-01-8	Phenanthrene	ND	0.50	0.20	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.50	0.12	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.31	0.50	0.11	J
129-00-0	Pyrene	0.88	0.50	0.21	
91-57-6	2-Methylnaphthalene	ND	0.50	0.14	U
87-86-5	Pentachlorophenol	ND	4.0	0.28	U
118-74-1	Hexachlorobenzene	ND	4.0	0.07	U
67-72-1	Hexachloroethane	ND	4.0	0.11	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 20:47
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44658-03	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	0.10	0.02	J
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/20/25 21:04
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 44658-04	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.06	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	0.05	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 14:39
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107232507	Analyst	: DB
Sample Amount	: 280 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	370.	134	30.3	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 15:00
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107232508	Analyst	: DB
Sample Amount	: 270 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/23/25 15:22
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1107232509	Analyst	: DB
Sample Amount	: 280 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	134	30.3	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 10:10
Sample Matrix	: WATER	Date Extracted	: 07/23/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250724a-11	Analyst	: JAG
Sample Amount	: 1000 ml	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 10:28
Sample Matrix	: WATER	Date Extracted	: 07/23/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250724a-12	Analyst	: JAG
Sample Amount	: 1000 ml	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/24/25 10:46
Sample Matrix	: WATER	Date Extracted	: 07/23/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250724a-13	Analyst	: JAG
Sample Amount	: 1000 ml	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 13:59
Sample Matrix	: WATER	Date Extracted	: 07/19/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250719a-30	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 14:09
Sample Matrix	: WATER	Date Extracted	: 07/19/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250719a-31	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 14:18
Sample Matrix	: WATER	Date Extracted	: 07/19/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250719a-32	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/19/25 14:27
Sample Matrix	: WATER	Date Extracted	: 07/19/25
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2250719a-33	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 17:50
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-50	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 17:50
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-50	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:02
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-51	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:02
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-51	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:14
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-52	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:14
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-52	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
50-29-3	4,4'-DDT	0.016	0.029	0.013	JIP	JN

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:26
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-53	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U
57-74-9	Chlordane	ND	0.143	0.098	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 18:26
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250722a-53	Analyst	: JAG
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
50-29-3	4,4'-DDT	0.041	0.029	0.013	IP	J-

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:39
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_49	Analyst	: AC
Sample Amount	: 555.3 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	12.5	5.76	0.475	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	21.1	2.88	0.324	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.44	1.44	0.360	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.76	0.821	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	15.0	1.44	0.223	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.44	0.187	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	6.67	1.44	0.216	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.12	1.44	0.122	
335-67-1	Perfluorooctanoic Acid (PFOA)	36.1	1.44	0.238	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.76	4.34	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.374	1.44	0.180	J
375-95-1	Perfluorononanoic Acid (PFNA)	3.44	1.44	0.238	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	9.67	1.44	0.238	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.44	0.187	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.76	1.10	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.44	0.180	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.44	0.432	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.44	0.158	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:39
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_49	Analyst	: AC
Sample Amount	: 555.3 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.44	0.122	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.086	1.44	0.086	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.44	0.432	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.44	0.194	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.44	0.166	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.44	0.144	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.11	5.76	1.44	J
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.76	0.338	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.44	0.216	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.76	0.396	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.76	0.403	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.44	0.202	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.44	0.317	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.4	1.17	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:39
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_49	Analyst	: AC
Sample Amount	: 555.3 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.4	0.994	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.88	0.223	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.88	0.324	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.88	0.295	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.88	0.490	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.20	0.483	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.0	3.83	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.0	2.87	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:47
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_50	Analyst	: AC
Sample Amount	: 541.36 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	6.38	5.91	0.488	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	4.07	2.96	0.332	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.01	1.48	0.369	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.91	0.842	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	4.79	1.48	0.229	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.12	1.48	0.192	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	5.32	1.48	0.222	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.48	1.48	0.126	
335-67-1	Perfluorooctanoic Acid (PFOA)	38.6	1.48	0.244	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.91	4.45	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.48	0.185	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.340	1.48	0.244	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	3.60	1.48	0.244	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.48	0.192	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.91	1.13	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.48	0.185	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.48	0.443	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.48	0.162	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:47
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_50	Analyst	: AC
Sample Amount	: 541.36 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.48	0.126	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.48	0.089	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.48	0.443	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.48	0.199	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.48	0.170	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.48	0.148	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.91	1.48	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.91	0.347	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.48	0.222	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.91	0.406	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.91	0.414	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.48	0.207	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.48	0.325	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.8	1.20	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:47
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_50	Analyst	: AC
Sample Amount	: 541.36 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.8	1.02	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.96	0.229	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.96	0.332	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.96	0.303	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.96	0.502	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.39	0.495	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.9	3.93	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.9	2.94	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:56
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_51	Analyst	: AC
Sample Amount	: 548.8 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	6.52	5.83	0.481	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	8.86	2.92	0.328	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.65	1.46	0.364	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.83	0.831	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.9	1.46	0.226	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.09	1.46	0.190	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	10.3	1.46	0.219	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.82	1.46	0.124	
335-67-1	Perfluorooctanoic Acid (PFOA)	57.3	1.46	0.240	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.83	4.39	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.46	0.182	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.240	1.46	0.240	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.54	1.46	0.240	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.46	0.190	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.83	1.12	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.46	0.182	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.46	0.437	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.46	0.160	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:56
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_51	Analyst	: AC
Sample Amount	: 548.8 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.46	0.124	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.46	0.088	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.46	0.437	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.46	0.197	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.46	0.168	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.46	0.146	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.83	1.46	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.83	0.342	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.46	0.219	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.83	0.401	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.83	0.408	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.46	0.204	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.46	0.321	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.6	1.19	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 12:56
Sample Matrix	: WATER	Date Extracted	: 07/21/25
Analytical Method	: 144,1633	Dilution Factor	: 1
Lab File ID	: SCI11_250722_51	Analyst	: AC
Sample Amount	: 548.8 g	Instrument ID	: LCMS11
Extraction Method	: EPA 1633	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.6	1.00	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.92	0.226	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.92	0.328	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.92	0.299	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.92	0.496	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.29	0.488	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.4	3.88	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.4	2.90	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 09:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5.54	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00208	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01854	0.00050	0.00016	
7440-41-7	Beryllium, Total	0.00035	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00032	0.00020	0.00005	
7440-70-2	Calcium, Total	266.	0.100	0.0394	
7440-47-3	Chromium, Total	0.01731	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.01149	0.00050	0.00016	
7440-50-8	Copper, Total	0.04001	0.00100	0.00038	
7439-89-6	Iron, Total	25.2	0.0500	0.0191	
7439-95-4	Magnesium, Total	46.4	0.0700	0.0242	J-
7439-96-5	Manganese, Total	1.488	0.00100	0.00044	
7440-02-0	Nickel, Total	0.02284	0.00200	0.00055	
7440-09-7	Potassium, Total	58.1	0.100	0.0309	
7782-49-2	Selenium, Total	0.00407	0.00500	0.00173	J
7440-22-4	Silver, Total	0.00112	0.00040	0.00016	
7440-28-0	Thallium, Total	0.00022	0.00200	0.00014	J
7440-62-2	Vanadium, Total	0.01841	0.00500	0.00157	
7440-66-6	Zinc, Total	0.2819	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 10:37
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-39-3	Barium, Total	0.5536	0.00500	0.00173	
7439-92-1	Lead, Total	0.5799	0.01000	0.00343	
7440-23-5	Sodium, Total	540.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 10:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.69	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00076	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.02326	0.00050	0.00016	
7440-39-3	Barium, Total	0.3514	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00020	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00019	0.00020	0.00005	J
7440-70-2	Calcium, Total	83.2	0.100	0.0394	
7440-47-3	Chromium, Total	0.00735	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00326	0.00050	0.00016	
7440-50-8	Copper, Total	0.01961	0.00100	0.00038	
7439-89-6	Iron, Total	16.2	0.0500	0.0191	
7439-95-4	Magnesium, Total	14.3	0.0700	0.0242	J-
7439-96-5	Manganese, Total	0.6781	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00711	0.00200	0.00055	
7440-09-7	Potassium, Total	21.0	0.100	0.0309	
7782-49-2	Selenium, Total	0.00228	0.00500	0.00173	J
7440-22-4	Silver, Total	0.00087	0.00040	0.00016	
7440-28-0	Thallium, Total	0.00016	0.00200	0.00014	J
7440-62-2	Vanadium, Total	0.00982	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1664	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 11:19
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-92-1	Lead, Total	0.3126	0.01000	0.00343	
7440-23-5	Sodium, Total	369.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 10:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.948	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00926	0.00050	0.00016	
7440-39-3	Barium, Total	0.1257	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	114.	0.100	0.0394	
7440-47-3	Chromium, Total	0.01038	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00189	0.00050	0.00016	
7440-50-8	Copper, Total	0.00356	0.00100	0.00038	
7439-89-6	Iron, Total	5.16	0.0500	0.0191	
7439-92-1	Lead, Total	0.00632	0.00100	0.00034	
7439-95-4	Magnesium, Total	62.8	0.0700	0.0242	J-
7439-96-5	Manganese, Total	1.175	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00486	0.00200	0.00055	
7440-09-7	Potassium, Total	17.6	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	198.	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00200	0.00014	U
7440-62-2	Vanadium, Total	0.00251	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01354	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 08/07/25 10:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: BLR
Lab File ID	: WG2100107.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.27	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00130	0.00050	0.00016	
7440-39-3	Barium, Total	0.1565	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00010	0.00050	0.00010	J
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	95.1	0.100	0.0394	
7440-47-3	Chromium, Total	0.00686	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00203	0.00050	0.00016	
7440-50-8	Copper, Total	0.00670	0.00100	0.00038	
7439-89-6	Iron, Total	3.05	0.0500	0.0191	
7439-92-1	Lead, Total	0.00423	0.00100	0.00034	
7439-95-4	Magnesium, Total	69.1	0.0700	0.0242	J-
7439-96-5	Manganese, Total	0.2395	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00622	0.00200	0.00055	
7440-09-7	Potassium, Total	19.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	234.	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00200	0.00014	U
7440-62-2	Vanadium, Total	0.00479	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.02471	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-01	Date Collected	: 07/16/25 15:50
Client ID	: MW-4	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 14:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: DJR
Lab File ID	: WG2093149.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00300	0.00020	0.00009	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-02	Date Collected	: 07/16/25 09:15
Client ID	: MW-8	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 22:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: RDB
Lab File ID	: WG2093735.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00110	0.00020	0.00009	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-03	Date Collected	: 07/16/25 14:30
Client ID	: B8DW	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 22:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: RDB
Lab File ID	: WG2093735.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: L2544658-04	Date Collected	: 07/16/25 15:00
Client ID	: B10D	Date Received	: 07/16/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 07/22/25 22:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: RDB
Lab File ID	: WG2093735.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/22/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2544658

4 Ground Water Samples and 1 Trip Blank
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 14 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA122 on 06-03-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 15 compounds (highlighted yellow on attached Form 7) were below the method minimum, but not below 0.010 on 07-28-25 (V22250728A01). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-28-25 (V22250728A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 07-28-25 (V22250728A01). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-28-25 (V22250728A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent difference for bromomethane was above the allowable maximum for aqueous samples WG2095890-3/4. Positive results for bromomethane should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries for 4-methyl-2-pentanone was below QC limits, but not below 30% for aqueous samples WG2095890-3/4. Positive results for 4-methyl-2-pentanone should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked compound results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095890-3	Analysis Date : 07/28/25 06:55	File ID : V22250728A01
LCSD Sample ID	: WG2095890-4	Analysis Date : 07/28/25 07:44	File ID : V22250728A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	9.9	99	11	70-130	20
1,1-Dichloroethane	10	11	110	10	9.9	99	11	70-130	20
Chloroform	10	11	110	10	10	100	10	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	9.9	99	10	9.4	94	5	70-130	20
Dibromochloromethane	10	9.0	90	10	8.6	86	5	63-130	20
1,1,2-Trichloroethane	10	8.4	84	10	8.1	81	4	70-130	20
Tetrachloroethene	10	10	100	10	9.3	93	7	70-130	20
Chlorobenzene	10	10	100	10	9.7	97	3	75-130	20
Trichlorofluoromethane	10	13	130	10	12	120	8	62-150	20
1,2-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
1,1,1-Trichloroethane	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	10	9.4	94	10	9.3	93	1	67-130	20
trans-1,3-Dichloropropene	10	8.2	82	10	7.8	78	5	70-130	20
cis-1,3-Dichloropropene	10	8.9	89	10	8.2	82	8	70-130	20
Bromoform	10	8.4	84	10	7.9	79	6	54-136	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	8.2	82	5	67-130	20
Benzene	10	10	100	10	9.3	93	7	70-130	20
Toluene	10	10	100	10	9.4	94	6	70-130	20
Ethylbenzene	10	10	100	10	9.6	96	4	70-130	20
Chloromethane	10	11	110	10	9.6	96	14	64-130	20
Bromomethane	10	12	120	10	9.5	95	23 Q	39-139	20
Vinyl chloride	10	10	100	10	8.6	86	15	55-140	20
Chloroethane	10	10	100	10	8.5	85	16	55-138	20
1,1-Dichloroethene	10	11	110	10	9.8	98	12	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	9.8	98	12	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2095890-3	**Analysis Date** : 07/28/25 06:55	**File ID** : V22250728A01
LCSD Sample ID	: WG2095890-4	**Analysis Date** : 07/28/25 07:44	**File ID** : V22250728A03

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.7	97		10	9.1	91	6	70-130	20
1,2-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
1,3-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
1,4-Dichlorobenzene	10	11	110		10	9.9	99	11	70-130	20
Methyl tert butyl ether	10	8.2	82		10	8.0	80	2	63-130	20
p/m-Xylene	20	21	105		20	19	95	10	70-130	20
o-Xylene	20	20	100		20	18	90	11	70-130	20
cis-1,2-Dichloroethene	10	11	110		10	9.9	99	11	70-130	20
Styrene	20	20	100		20	18	90	11	70-130	20
Dichlorodifluoromethane	10	12	120		10	9.8	98	20	36-147	20
Acetone	10	10	100		10	8.5	85	16	58-148	20
Carbon disulfide	10	12	120		10	10	100	18	51-130	20
2-Butanone	10	9.1	91		10	7.7	77	17	63-138	20
4-Methyl-2-pentanone	10	5.7	57	Q	10	6.0	60	5	59-130	20
2-Hexanone	10	6.2	62		10	6.4	64	3	57-130	20
Bromochloromethane	10	11	110		10	10	100	10	70-130	20
1,2-Dibromoethane	10	9.2	92		10	8.6	86	7	70-130	20
1,2-Dibromo-3-chloropropane	10	7.2	72		10	7.5	75	4	41-144	20
Isopropylbenzene	10	11	110		10	9.7	97	13	70-130	20
1,2,3-Trichlorobenzene	10	9.9	99		10	9.6	96	3	70-130	20
1,2,4-Trichlorobenzene	10	9.9	99		10	9.4	94	5	70-130	20
Methyl Acetate	10	10	100		10	9.3	93	7	70-130	20
Cyclohexane	10	10	100		10	9.2	92	8	70-130	20
1,4-Dioxane	500	320	64		500	310	62	3	56-162	20
Freon-113	10	12	120		10	11	110	9	70-130	20
Methyl cyclohexane	10	9.9	99		10	8.6	86	14	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544658**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22327**
Calibration dates	**: 06/03/25 15:31 06/03/25 19:10**		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.139	0.142	0.181	0.184	0.171	0.168	0.154	0.163	10.98
3)	TP	Chloromethane		0.162	0.175	0.188	0.186	0.172	0.169	0.168	0.174	5.51
4)	TP	Vinyl chloride	0.217	0.154	0.174	0.203	0.200	0.179	0.177	0.168	0.184	11.39
5)	TP	Bromomethane		0.103	0.096	0.106	0.112	0.106	0.106	0.109	0.105	4.68
6)	TP	Chloroethane		0.135	0.119	0.119	0.115	0.105	0.101	0.099	0.113	11.17
7)	TP	Trichlorofluor		0.147	0.173	0.231	0.220	0.211	0.210	0.198	0.199	14.61
8)	TP	Ethyl ether		0.055	0.053	0.063	0.059	0.058	0.058	0.056	0.058	5.78
10)	TP	1,1-Dichloroet		0.128	0.124	0.139	0.129	0.123	0.124	0.123	0.127	4.60
11)	TP	Carbon disulfide		0.355	0.389	0.444	0.423	0.387	0.390	0.391	0.397	7.24
12)	TP	Freon-113		0.091	0.106	0.142	0.135	0.126	0.126	0.120	0.121	14.37
13)	TP	Iodomethane			0.160	0.210	0.220	0.216	0.218	0.221	0.207	11.33
14)	TP	Acrolein			0.013	0.014	0.010	0.009	0.010	0.009	0.011	19.30
15)	TP	Methylene chlo		0.212	0.160	0.155	0.145	0.136	0.135	0.135	0.154	17.77
17)	TP	Acetone			0.040	0.023	0.019	0.019	0.020	0.019	*L	0.9992
18)	TP	trans-1,2-Dich		0.161	0.145	0.154	0.145	0.133	0.137	0.138	0.145	6.83
19)	TP	Methyl acetate			0.049	0.052	0.047	0.050	0.052	0.049	0.050	3.89
21)	TP	Methyl tert butyl ether		0.186	0.215	0.263	0.251	0.263	0.267	0.252	0.242	12.51
22)	TP	tert-Butyl alc		0.004	0.005	0.006	0.005	0.006	0.006	0.005	0.005#	14.50
24)	TP	Diisopropyl ether		0.291	0.317	0.370	0.360	0.367	0.372	0.358	0.348	9.02
25)	TP	1,1-Dichloroet		0.227	0.263	0.272	0.258	0.247	0.246	0.247	0.252#	5.82
26)	TP	Halothane		0.088	0.098	0.119	0.113	0.106	0.109	0.109	0.106	9.57
27)	TP	Acrylonitrile			0.033	0.030	0.026	0.026	0.027	0.025	0.028	10.74
28)	TP	Ethyl tert-but		0.229	0.249	0.309	0.304	0.321	0.326	0.311	0.293	12.98
29)	TP	Vinyl acetate			0.136	0.133	0.120	0.107	0.117	0.127	0.124	8.83
30)	TP	cis-1,2-Dichlo		0.164	0.156	0.163	0.154	0.145	0.144	0.145	0.153#	5.55
31)	TP	2,2-Dichloropr		0.201	0.202	0.222	0.211	0.194	0.192	0.192	0.202	5.52
32)	TP	Bromochloromet		0.065	0.068	0.076	0.073	0.070	0.070	0.069	0.070#	5.20
33)	TP	Cyclohexane		0.163	0.188	0.256	0.257	0.252	0.254	0.243	0.230	16.68
34)	TP	Chloroform		0.261	0.251	0.250	0.238	0.226	0.227	0.228	0.240#	5.82
35)	TP	Ethyl acetate			0.046	0.065	0.064	0.067	0.070	0.064	0.063	13.69
36)	TP	Carbon tetrachloride	0.235	0.161	0.175	0.219	0.216	0.203	0.203	0.200	0.201	11.92
37)	TP	Tetrahydrofuran			0.019	0.020	0.019	0.020	0.020	0.019	0.019	3.32
38)	S	Dibromofluoromethane	0.307	0.311	0.297	0.287	0.267	0.257	0.264	0.264	0.282	7.65
39)	TP	1,1,1-Trichlor		0.199	0.201	0.232	0.224	0.211	0.216	0.213	0.214	5.47
41)	TP	2-Butanone			0.026	0.028	0.026	0.029	0.030	0.027	0.028	5.26

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA122	**Ical Ref**	: ICAL22327
Calibration dates	: 06/03/25 15:31 06/03/25 19:10		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42)	TP	1,1-Dichloropr		0.120	0.138	0.179	0.183	0.189	0.188	0.187	0.169	16.67
44)	TP	Benzene	0.523	0.417	0.461	0.519	0.533	0.523	0.521	0.518	0.502	8.14
45)	TP	Tertiary-Amyl Methyl Ether		0.206	0.217	0.258	0.253	0.273	0.282	0.266	0.251	11.39
46)	S	1,2-Dichloroethane-d4	0.270	0.274	0.266	0.264	0.253	0.252	0.257	0.257	0.262	3.13
47)	T	1,2-Dichloroethane	0.165	0.138	0.140	0.155	0.149	0.149	0.151	0.147	0.149	5.77
50)	TP	Methyl cyclohe		0.165	0.158	0.228	0.243	0.248	0.251	0.241	0.219	18.25
51)	TP	Trichloroethene	0.179	0.144	0.125	0.145	0.149	0.151	0.152	0.155	0.150#	9.86
53)	TP	Dibromomethane		0.071	0.064	0.081	0.076	0.076	0.078	0.076	0.074	7.49
54)	TP	1,2-Dichloropr		0.098	0.126	0.147	0.145	0.144	0.144	0.143	0.135#	13.36
56)	TP	2-Chloroethyl		0.041	0.048	0.055	0.056	0.058	0.059	0.056	0.053	12.09
57)	TP	Bromodichlorom		0.174	0.162	0.180	0.185	0.182	0.183	0.182	0.178#	4.48
60)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.19
61)	TP	cis-1,3-Dichloropropene	0.167	0.139	0.167	0.202	0.207	0.210	0.210	0.207	0.189#	14.49
62)	I	Chlorobenzene-d5	----------ISTD----------									
63)	S	Toluene-d8	1.290	1.290	1.295	1.298	1.312	1.298	1.291	1.284	1.295	0.66
64)	TP	Toluene		0.363	0.396	0.442	0.447	0.442	0.442	0.439	0.424	7.60
65)	TP	4-Methyl-2-pen			0.025	0.031	0.029	0.032	0.033	0.030	0.030#	8.93
66)	TP	Tetrachloroethene	0.187	0.143	0.166	0.198	0.205	0.208	0.208	0.208	0.191	12.57
68)	TP	trans-1,3-Dichloropropene	0.179	0.139	0.160	0.204	0.211	0.223	0.223	0.217	0.195#	16.26
70)	TP	Ethyl methacry		0.109	0.138	0.138	0.133	0.133	0.136	0.123	0.130	8.05
71)	TP	1,1,2-Trichlor		0.110	0.081	0.095	0.095	0.101	0.103	0.099	0.098#	9.16
72)	TP	Chlorodibromom		0.111	0.123	0.153	0.158	0.169	0.173	0.168	0.151#	16.19
73)	TP	1,3-Dichloropr		0.133	0.154	0.192	0.198	0.210	0.210	0.203	0.186	16.12
74)	TP	1,2-Dibromoethane		0.086	0.096	0.115	0.117	0.124	0.126	0.120	0.112#	13.57
76)	TP	2-Hexanone		0.063	0.049	0.048	0.045	0.046	0.045	0.040	0.048	14.90
77)	TP	Chlorobenzene		0.421	0.464	0.518	0.516	0.510	0.508	0.503	0.492	7.33
78)	TP	Ethylbenzene		0.710	0.785	0.876	0.891	0.869	0.862	0.843	0.834	7.73
79)	TP	1,1,1,2-Tetrac		0.122	0.132	0.164	0.172	0.180	0.183	0.182	0.162	15.50
80)	TP	p/m Xylene		0.266	0.315	0.351	0.358	0.350	0.347	0.344	0.333	9.81
81)	TP	o Xylene		0.264	0.302	0.335	0.344	0.340	0.340	0.334	0.323	9.10
82)	TP	Styrene		0.437	0.484	0.552	0.567	0.567	0.558	0.524	0.527	9.40
83)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84)	TP	Bromoform		0.109	0.136	0.170	0.173	0.189	0.196	0.189	0.166	19.39
86)	TP	Isopropylbenzene		1.266	1.482	1.708	1.747	1.683	1.674	1.642	1.600	10.59
87)	S	4-Bromofluorobenzene	0.921	0.920	0.926	0.918	0.907	0.886	0.880	0.865	0.903	2.54
88)	TP	Bromobenzene		0.302	0.360	0.389	0.392	0.384	0.388	0.385	0.371	8.66

Initial Calibration Summary
Form 6
Volatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: VOA122	**Ical Ref**	: ICAL22327
Calibration dates	: 06/03/25 15:31 06/03/25 19:10		

Calibration Files
L11 =V22250603A03.D L1 =V22250603A04.D L2 =V22250603A06.D L3 =V22250603A08.D L4 =V22250603A09.D
L6 =V22250603A10.D L8 =V22250603A11.D L10 =V22250603A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89)	TP	n-Propylbenzene		1.515	1.705	1.973	2.014	1.939	1.917	1.847	1.844	9.59
90)	TP	1,4-Dichlorobu		0.318	0.341	0.369	0.358	0.371	0.382	0.370	0.359	6.07
91)	TP	1,1,2,2-Tetrachloroethane	0.352	0.242	0.225	0.248	0.239	0.246	0.251	0.237	0.255	15.72
92)	TP	4-Ethyltoluene		1.260	1.470	1.646	1.688	1.616	1.593	1.562	1.548	9.33
93)	TP	2-Chlorotoluene		0.985	1.039	1.149	1.171	1.129	1.118	1.121	1.102	5.97
94)	TP	1,3,5-Trimethy		1.107	1.260	1.420	1.450	1.390	1.378	1.358	1.337	8.84
95)	TP	1,2,3-Trichlor		0.146	0.172	0.194	0.186	0.199	0.203	0.198	0.185	10.91
96)	TP	trans-1,4-Dich		0.083	0.071	0.077	0.070	0.070	0.075	0.068	0.073	7.02
97)	TP	4-Chlorotoluene		0.988	1.089	1.199	1.222	1.175	1.163	1.159	1.142	6.97
98)	TP	tert-Butylbenzene		0.884	1.044	1.212	1.251	1.221	1.214	1.191	1.145	11.64
101)	TP	1,2,4-Trimethy		0.735	0.815	0.907	0.879	0.839	0.826	0.784	0.827	6.95
102)	TP	sec-Butylbenzene		1.254	1.391	1.729	1.784	1.744	1.716	1.626	1.606	12.68
103)	TP	p-Isopropyltol		1.058	1.286	1.507	1.557	1.524	1.496	1.425	1.408	12.68
104)	TP	1,3-Dichlorobe		0.636	0.709	0.790	0.805	0.778	0.778	0.758	0.750	7.88
105)	TP	1,4-Dichlorobe		0.616	0.696	0.770	0.776	0.759	0.760	0.749	0.732	7.86
106)	TP	p-Diethylbenzene		0.628	0.736	0.876	0.910	0.902	0.893	0.862	0.830	12.84
107)	TP	n-Butylbenzene		0.877	1.002	1.222	1.265	1.246	1.215	1.156	1.140	12.79
108)	TP	1,2-Dichlorobe		0.560	0.613	0.696	0.699	0.688	0.688	0.669	0.659	7.99
109)	TP	1,2,4,5-Tetram		0.876	1.072	1.244	1.280	1.265	1.270	1.207	1.173	12.74
110)	TP	1,2-Dibromo-3-		0.022	0.036	0.044	0.043	0.045	0.047	0.043	*L	0.9985
111)	TP	1,3,5-Trichlor		0.386	0.438	0.500	0.508	0.491	0.485	0.467	0.468	9.18
112)	TP	Hexachlorobuta		0.120	0.138	0.178	0.183	0.175	0.176	0.174	0.163	14.89
113)	TP	1,2,4-Trichlor		0.332	0.377	0.431	0.428	0.419	0.418	0.398	0.400	8.88
114)	TP	Naphthalene		0.712	0.799	0.913	0.871	0.881	0.888	0.820	0.841	8.26
115)	TP	1,2,3-Trichlor		0.265	0.320	0.363	0.356	0.351	0.355	0.333	0.335#	10.23

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: VOA122		Calibration Date	: 07/28/25 06:55	
Lab File ID	: V22250728A01		Init. Calib. Date(s)	: 06/03/25	06/03/25
Sample No	: WG2095890-2		Init. Calib. Times	: 15:31	19:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	95	0
Dichlorodifluoromethane	0.163	0.189	-	-16	20	100	0
Chloromethane	0.174	0.199	-	-14.4	20	101	0
Vinyl chloride	0.184	0.19	-	-3.3	20	89	0
Bromomethane	0.105	0.127	-	-21*	20	114	0
Chloroethane	0.113	0.114	-	-0.9	20	91	0
Trichlorofluoromethane	0.199	0.268	-	-34.7*	20	111	0
Ethyl ether	0.058	0.049	-	15.5	20	74	0
1,1-Dichloroethene	0.127	0.144	-	-13.4	20	99	0
Carbon disulfide	0.397	0.479	-	-20.7*	20	103	0
Freon-113	0.121	0.148	-	-22.3*	20	100	0
Acrolein	0.011	0.013	-	-18.2	20	92	0
Methylene chloride	0.154	0.171	-	-11	20	105	0
Acetone	10	10.224	-	-2.2	20	97	0
trans-1,2-Dichloroethene	0.145	0.161	-	-11	20	100	0
Methyl acetate	0.05	0.051	-	-2	20	93	0
Methyl tert-butyl ether	0.242	0.199	-	17.8	20	72	0
tert-Butyl alcohol	0.00517	0.00311*	-	39.8*	20	51	0
Diisopropyl ether	0.348	0.344	-	1.1	20	89	0
1,1-Dichloroethane	0.252	0.281*	-	-11.5	20	98	0
Halothane	0.106	0.114	-	-7.5	20	92	0
Acrylonitrile	0.028	0.025	-	10.7	20	79	0
Ethyl tert-butyl ether	0.293	0.242	-	17.4	20	74	0
Vinyl acetate	0.124	0.161	-	-29.8*	20	115	0
cis-1,2-Dichloroethene	0.153	0.168*	-	-9.8	20	99	0
2,2-Dichloropropane	0.202	0.217	-	-7.4	20	93	0
Bromochloromethane	0.07	0.077*	-	-10	20	96	0
Cyclohexane	0.23	0.231	-	-0.4	20	86	0
Chloroform	0.24	0.268*	-	-11.7	20	102	0
Ethyl acetate	0.063	0.06	-	4.8	20	88	0
Carbon tetrachloride	0.201	0.227	-	-12.9	20	99	0
Tetrahydrofuran	0.019	0.021	-	-10.5	20	98	0
Dibromofluoromethane	0.282	0.31	-	-9.9	20	103	0
1,1,1-Trichloroethane	0.214	0.245	-	-14.5	20	100	0
2-Butanone	0.028	0.025	-	10.7	20	85	0
1,1-Dichloropropene	0.169	0.168	-	0.6	20	89	0
Benzene	0.502	0.519	-	-3.4	20	95	0
tert-Amyl methyl ether	0.251	0.189	-	24.7*	20	70	0
1,2-Dichloroethane-d4	0.262	0.257	-	1.9	20	93	0
1,2-Dichloroethane	0.149	0.155	-	-4	20	95	0
Methyl cyclohexane	0.219	0.217	-	0.9	20	91	0
Trichloroethene	0.15	0.145*	-	3.3	20	96	0
Dibromomethane	0.074	0.081	-	-9.5	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA122	Calibration Date	: 07/28/25 06:55
Lab File ID	: V22250728A01	Init. Calib. Date(s)	: 06/03/25 06/03/25
Sample No	: WG2095890-2	Init. Calib. Times	: 15:31 19:10
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.135	0.134*	-	0.7	20	87	0
Bromodichloromethane	0.178	0.168*	-	5.6	20	89	0
1,4-Dioxane	0.00065	0.00041*	-	36.9*	20	58	0
cis-1,3-Dichloropropene	0.189	0.168*	-	11.1	20	79	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.295	1.305	-	-0.8	20	103	0
Toluene	0.424	0.436	-	-2.8	20	101	0
4-Methyl-2-pentanone	0.03	0.017*	-	43.3*	20	56	0
Tetrachloroethene	0.191	0.197	-	-3.1	20	102	0
trans-1,3-Dichloropropene	0.195	0.16*	-	17.9	20	81	0
Ethyl methacrylate	0.13	0.08	-	38.5*	20	59	0
1,1,2-Trichloroethane	0.098	0.082*	-	16.3	20	88	0
Chlorodibromomethane	0.151	0.136*	-	9.9	20	91	0
1,3-Dichloropropane	0.186	0.172	-	7.5	20	92	0
1,2-Dibromoethane	0.112	0.103*	-	8	20	92	0
2-Hexanone	0.048	0.03	-	37.5*	20	63	0
Chlorobenzene	0.492	0.521	-	-5.9	20	103	0
Ethylbenzene	0.834	0.879	-	-5.4	20	103	0
1,1,1,2-Tetrachloroethane	0.162	0.158	-	2.5	20	99	0
p/m Xylene	0.333	0.349	-	-4.8	20	102	0
o Xylene	0.323	0.327	-	-1.2	20	100	0
Styrene	0.527	0.518	-	1.7	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
Bromoform	0.166	0.139	-	16.3	20	87	0
Isopropylbenzene	1.6	1.705	-	-6.6	20	107	0
4-Bromofluorobenzene	0.903	0.832	-	7.9	20	97	0
Bromobenzene	0.371	0.368	-	0.8	20	101	0
n-Propylbenzene	1.844	2.012	-	-9.1	20	109	0
1,4-Dichlorobutane	0.359	0.313	-	12.8	20	90	0
1,1,2,2-Tetrachloroethane	0.255	0.221	-	13.3	20	95	0
4-Ethyltoluene	1.548	1.681	-	-8.6	20	109	0
2-Chlorotoluene	1.102	1.134	-	-2.9	20	105	0
1,3,5-Trimethylbenzene	1.337	1.399	-	-4.6	20	105	0
1,2,3-Trichloropropane	0.185	0.17	-	8.1	20	93	0
trans-1,4-Dichloro-2-buten	0.073	0.053	-	27.4*	20	74	0
4-Chlorotoluene	1.142	1.196	-	-4.7	20	106	0
tert-Butylbenzene	1.145	1.233	-	-7.7	20	109	0
1,2,4-Trimethylbenzene	0.827	0.973	-	-17.7	20	114	0
sec-Butylbenzene	1.606	1.802	-	-12.2	20	111	0
p-Isopropyltoluene	1.408	1.51	-	-7.2	20	107	0
1,3-Dichlorobenzene	0.75	0.801	-	-6.8	20	108	0
1,4-Dichlorobenzene	0.732	0.782	-	-6.8	20	108	0
p-Diethylbenzene	0.83	0.858	-	-3.4	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: VOA122	Calibration Date	: 07/28/25 06:55
Lab File ID	: V22250728A01	Init. Calib. Date(s)	: 06/03/25 06/03/25
Sample No	: WG2095890-2	Init. Calib. Times	: 15:31 19:10
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.14	1.285	-	-12.7	20	112	0
1,2-Dichlorobenzene	0.659	0.699	-	-6.1	20	107	0
1,2,4,5-Tetramethylbenzene	1.173	1.13	-	3.7	20	97	0
1,2-Dibromo-3-chloropropan	10	7.235	-	27.6*	20	75	0
1,3,5-Trichlorobenzene	0.468	0.49	-	-4.7	20	105	0
Hexachlorobutadiene	0.163	0.173	-	-6.1	20	103	0
1,2,4-Trichlorobenzene	0.4	0.397*	-	0.8	20	98	0
Naphthalene	0.841	0.733	-	12.8	20	86	0
1,2,3-Trichlorobenzene	0.335	0.332*	-	0.9	20	97	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV107 on 06-19-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 07-19-25 (WG2092572-3). The %Ds for 2,4-dinitrophenol, fluorene, 4,6-dinitro-o-cresol, and butyl benzyl phthalate were above the method maximum on 07-19-25 (WG2092572-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 2,4-dinitrophenol, fluorene, 4,6-dinitro-o-cresol, and butyl benzyl phthalate were above the allowable maximum (20%) on 07-19-25 (WG2092572-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Laboratory Control Sample: The relative percent difference for 4-nitrophenol was above the allowable maximum for aqueous samples WG2092274-2/3. Positive results for bromomethane should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries for carbazole and 3,3'-dichlorobenzidine were below QC limits, but not below 30% for aqueous samples WG2092274-2/3. Positive results for carbazole and 3,3'-dichlorobenzidine should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2092274-2	Analysis Date : 07/19/25 11:42	File ID : 092158-2
LCSD Sample ID	: WG2092274-3	Analysis Date : 07/19/25 12:07	File ID : 092158-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	12.	63		20	11.	57	10	40-140	30
3,3'-Dichlorobenzidine	20	7.5	37	Q	20	9.6	48	26	40-140	30
2,4-Dinitrotoluene	20	15.	75		20	13.	64	16	48-143	30
2,6-Dinitrotoluene	20	15.	75		20	13.	64	16	40-140	30
4-Chlorophenyl phenyl ether	20	13.	67		20	11.	54	21	40-140	30
4-Bromophenyl phenyl ether	20	17.	85		20	14.	70	19	40-140	30
Bis(2-chloroisopropyl)ether	20	12.	60		20	11.	53	12	40-140	30
Bis(2-chloroethoxy)methane	20	13.	65		20	11.	56	15	40-140	30
Hexachlorocyclopentadiene	20	13.	63		20	11.	55	14	40-140	30
Isophorone	20	13.	64		20	11.	55	15	40-140	30
Nitrobenzene	20	13.	66		20	11.	57	15	40-140	30
NDPA/DPA	20	13.	65		20	11.	57	13	40-140	30
n-Nitrosodi-n-propylamine	20	13.	63		20	11.	56	12	29-132	30
Bis(2-ethylhexyl)phthalate	20	15.	77		20	13.	65	17	40-140	30
Butyl benzyl phthalate	20	18.	91		20	16.	78	15	40-140	30
Di-n-butylphthalate	20	15.	73		20	12.	63	15	40-140	30
Di-n-octylphthalate	20	18.	93		20	16.	78	18	40-140	30
Diethyl phthalate	20	14.	69		20	12.	58	17	40-140	30
Dimethyl phthalate	20	17.	84		20	14.	71	17	40-140	30
Biphenyl	20	14.	68		20	12.	60	13	40-140	30
4-Chloroaniline	20	9.2	46		20	8.2	41	11	40-140	30
2-Nitroaniline	20	13.	67		20	11.	55	20	52-143	30
3-Nitroaniline	20	13.	66		20	11.	56	16	25-145	30
4-Nitroaniline	20	15.	77		20	13.	64	18	51-143	30
Dibenzofuran	20	13.	64		20	11.	55	15	40-140	30
1,2,4,5-Tetrachlorobenzene	20	13.	63		20	11.	56	12	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2092274-2	Analysis Date : 07/19/25 11:42	File ID : 092158-2
LCSD Sample ID	: WG2092274-3	Analysis Date : 07/19/25 12:07	File ID : 092158-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	13.	65	20	12.	58	11	39-129	30
2,4,6-Trichlorophenol	20	15.	76	20	12.	63	19	30-130	30
p-Chloro-m-cresol	20	14.	73	20	12.	58	23	23-97	30
2-Chlorophenol	20	14.	69	20	12.	60	14	27-123	30
2,4-Dichlorophenol	20	14.	71	20	12.	59	18	30-130	30
2,4-Dimethylphenol	20	12.	58	20	9.4	47	21	30-130	30
2-Nitrophenol	20	16.	82	20	16.	80	2	30-130	30
4-Nitrophenol	20	9.1	45	20	6.6	33	31 Q	10-80	30
2,4-Dinitrophenol	20	25.	127	20	20.	101	23	20-130	30
4,6-Dinitro-o-cresol	20	24.	119	20	20.	98	19	20-164	30
Phenol	20	7.5	38	20	6.2	31	20	12-110	30
2-Methylphenol	20	12.	60	20	10.	52	14	30-130	30
3-Methylphenol/4-Methylphenol	20	13.	63	20	10.	51	21	30-130	30
2,4,5-Trichlorophenol	20	15.	76	20	13.	64	17	30-130	30
Carbazole	20	13.	66	20	11.	54 Q	20	55-144	30
Atrazine	20	19.	95	20	17.	85	11	40-140	30
Benzaldehyde	20	17.	84	20	16.	78	7	40-140	30
Caprolactam	20	9.6	48	20	8.2	41	16	10-130	30
2,3,4,6-Tetrachlorophenol	20	14.	68	20	12.	60	13	40-140	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544658**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.710	0.739	0.752	0.780	0.787	0.748	0.757	0.780	0.714	0.752	3.71
3)	t	Pyridine		1.132	1.190	1.405	1.411	1.379	1.314	1.336	1.281	1.306	7.74
4)	S	2-Fluorophenol	1.113	1.171	1.137	1.169	1.138	1.136	1.137	1.130	1.072	1.134	2.59
5)	T	Aniline		1.073	1.711	1.794	1.936	1.925	1.913	1.989	1.923	1.783	16.85
6)	t	2-Chlorophenol	1.053	1.145	1.278	1.267	1.276	1.264	1.233	1.257	1.239	1.224	6.19
7)	S	Phenol-d6	1.350	1.255	1.435	1.442	1.420	1.428	1.414	1.439	1.384	1.396	4.34
8)	T	Phenol	1.419	1.552	1.591	1.587	1.588	1.555	1.533	1.551	1.525	1.545	3.42
9)	T	Bis(2-chloroet	1.251	1.335	1.369	1.284	1.252	1.206	1.182	1.181	1.179	1.249	5.58
10)	T	1,3-Dichlorobe	1.661	1.623	1.838	1.627	1.630	1.575	1.525	1.571	1.618	1.630	5.41
11)	T	1,4-Dichlorobe	2.002	1.786	1.744	1.704	1.614	1.605	1.563	1.596	1.654	1.697	8.04
12)	T	1,2-Dichlorobe	1.686	1.683	1.683	1.643	1.595	1.544	1.526	1.587	1.639	1.621	3.75
13)	t	Benzyl alcohol		0.786	0.881	0.930	0.970	0.982	1.048	1.140	1.139	0.985	12.47
14)	T	Bis(2-chlorois	1.850	1.772	1.870	1.794	1.814	1.739	1.748	1.809	1.811	1.801	2.40
15)	T	2-Methylphenol	1.079	1.068	1.090	1.081	1.114	1.140	1.171	1.250	1.420	1.157	9.86
16)	T	Hexachloroethane	0.621	0.534	0.603	0.579	0.576	0.563	0.574	0.584	0.588	0.580	4.19
17)	T	n-Nitrosodi-n-	0.853	0.769	0.868	0.886	0.909	0.910	0.926	0.986	0.985	0.899	7.46
18)	T	3-Methylphenol	0.989	1.022	1.152	1.224	1.196	1.207	1.237	1.308	1.322	1.184	9.67
19)	S	Nitrobenzene-d5	0.741	0.991	1.161	1.202	1.212	1.252	1.265	1.351	1.316	1.166	16.30
20)	T	Nitrobenzene	1.111	1.064	1.194	1.229	1.311	1.296	1.303	1.369	1.380	1.251	8.82
21)	T	Isophorone	1.918	2.106	2.325	2.387	2.488	2.503	2.618	2.807	2.845	2.444	12.42
22)	T	2-Nitrophenol			0.353	0.400	0.433	0.472	0.530	0.621		*Q	0.9998
23)	T	2,4-Dimethylph	0.987	1.067	1.234	1.270	1.326	1.327	1.385	1.504	1.571	1.297	14.46
24)	T	Bis(2-chloroet	1.548	1.597	1.633	1.614	1.632	1.607	1.624	1.719	1.761	1.637	3.93
25)	T	2,4-Dichloroph	0.876	1.017	1.051	1.107	1.202	1.212	1.265	1.343	1.416	1.165	14.55
26)	T	1,2,4-Trichlor	1.714	1.557	1.535	1.520	1.526	1.445	1.459	1.537	1.616	1.545	5.23
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.885	0.883	0.738	0.906	0.788	0.787	0.827	0.732	0.718	0.807	8.87
29)	T	Acetophenone	2.099	2.081	1.987	2.116	1.978	1.874	1.975	1.988	2.154	2.028	4.39
30)	T	m-Toluidine				0.866	1.183	1.257	1.403	1.397	1.477	1.264	17.61
31)	T	2-Chloroaniline	1.265	1.489	1.346	1.557	1.543	1.463	1.507	1.525	1.618	1.479	7.41
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)		1,4-Dioxane		0.676	0.579	0.559	0.505	0.490	0.489	0.482	0.487	0.533	12.74
34)	T	n-Decane	1.674	1.529	1.630	1.441	1.432	1.478	1.537	1.531	1.582	1.537	5.30
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.210	1.233	1.201	1.139	1.057	1.033	1.030	1.016	1.012	1.103	8.33

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Vektor Consultants, LLC	**Lab Number**	: L2544658
Project Name	: 601-607 UNION ST	**Project Number**	: 25030019
Instrument ID	: SV107	**Ical Ref**	: ICAL22419
Calibration dates	: 06/19/25 14:15 06/20/25 05:05		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid					0.115	0.138	0.184	0.206	0.212	*L	0.9990
38)	T	4-Chloroaniline	0.075	0.128	0.140	0.143	0.143	0.141	0.143	0.145	0.148	0.134	16.95
39)	T	Hexachlorobuta	0.259	0.261	0.284	0.241	0.235	0.223	0.223	0.219	0.230	0.242	9.04
40)	T	p-Chloro-m-cresol	0.254	0.233	0.263	0.277	0.282	0.292	0.312	0.322	0.330	0.285	11.39
41)	T	2-Methylnaphth	0.639	0.692	0.702	0.674	0.658	0.636	0.647	0.634	0.651	0.659	3.76
42)	T	1-Methylnaphth	0.263	0.274	0.279	0.265	0.246	0.239	0.244	0.239	0.252	0.256	5.95
43)	T	Hexachlorocycl	0.193	0.230	0.235	0.230	0.223	0.225	0.245	0.257	0.277	0.235	10.05
44)	T	2,4,6-Trichlor	0.203	0.182	0.218	0.231	0.227	0.242	0.254	0.275	0.285	0.235	14.05
45)	T	2,4,5-Trichlor	0.209	0.199	0.231	0.247	0.263	0.253	0.282	0.291	0.311	0.254	14.63
46)	S	2-Fluorobiphenyl	0.995	0.970	1.018	0.966	0.904	0.883	0.886	0.880	0.905	0.934	5.70
47)	T	2-Chloronaphth	0.785	0.788	0.833	0.800	0.742	0.714	0.723	0.727	0.753	0.763	5.33
48)	T	2-Nitroaniline			0.158	0.168	0.184	0.206	0.236	0.246	0.258	0.208	19.10
49)	T	1,4-Dinitroben					0.071	0.081	0.097	0.113	0.116	*L	0.9987
50)	T	1,3-Dinitroben					0.093	0.107	0.120	0.137	0.144	*L	0.9988
51)	T	Dimethyl phtha	0.758	0.842	0.920	0.912	0.877	0.872	0.897	0.932	0.941	0.883	6.39
52)	T	Acenaphthylene	1.102	1.104	1.254	1.251	1.209	1.204	1.203	1.233	1.266	1.203	5.07
53)	T	2,6-Dinitrotol			0.116	0.132	0.149	0.165	0.181	0.185	0.190	0.160	17.73
54)	T	1,2-Dinitroben				0.054	0.062	0.071	0.076	0.082	0.084	0.071	16.35
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.179	0.209	0.217	0.236	0.234	0.233	0.253	0.277	0.282	0.236	13.78
57)	T	3-Chloroaniline			0.120	0.141	0.142	0.140	0.144	0.143	0.140	0.139	5.91
58)	T	2,6-Dichlorophenol	0.195	0.205	0.213	0.245	0.250	0.251	0.267	0.289	0.307	0.247	15.29
59)	T	1-chloro-2-nitrobenzene	0.101	0.097	0.093	0.095	0.105	0.104	0.117	0.132	0.143	0.110	15.94
60)	T	Caprolactam			0.091	0.102	0.107	0.112	0.130	0.153	0.167	*L	0.9909
61)	T	1,2,4,5-Tetrachloroben...	0.420	0.434	0.413	0.425	0.398	0.376	0.386	0.412	0.436	0.411	5.08
62)	T	Biphenyl	0.928	0.944	0.923	0.956	0.918	0.864	0.879	0.955	1.017	0.932	4.84
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline			0.229	0.258	0.289	0.299	0.322	0.344	0.347	0.298	14.70
65)	T	Acenaphthene	1.262	1.221	1.250	1.195	1.125	1.081	1.106	1.142	1.152	1.170	5.51
66)	T	2,4-Dinitrophenol		0.021	0.060	0.074	0.080	0.093	0.114	0.146		*Q	0.9994
67)	T	Dibenzofuran	2.158	2.138	2.116	1.990	1.941	1.869	1.872	1.942	1.946	1.997	5.62
68)	T	2,4-Dinitrotol		0.201	0.252	0.290	0.335	0.355	0.408	0.456	0.468	*Q	0.9983
69)	T	4-Nitrophenol		0.302	0.172	0.201	0.215	0.229	0.251	0.278	0.277	0.240	18.41
70)	T	2,3,5,6-Tetrac			0.278	0.294	0.317	0.332	0.362	0.392	0.398	0.339	13.77
71)	T	2,3,4,6-Tetrachlorophenol		0.254	0.349	0.319	0.394	0.392	0.423	0.441	0.444	0.377	17.50
72)	T	Diethyl phthalate	1.295	1.244	1.363	1.433	1.390	1.378	1.439	1.520	1.503	1.396	6.44

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544658**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.489	1.517	1.546	1.510	1.452	1.427	1.443	1.467	1.480	1.481	2.59
74)	T	4-Chlorophenyl	0.899	0.798	0.800	0.767	0.720	0.702	0.693	0.718	0.721	0.757	8.78
75)	T	4-Nitroaniline			0.223	0.267	0.283	0.296	0.325	0.355	0.341	0.298	15.39
76)	T	4,6-Dinitro-o-			0.092	0.102	0.124	0.136	0.172	0.209		*Q	0.9989
77)	T	NDPA/DPA	1.233	1.199	1.299	1.255	1.259	1.231	1.258	1.332	1.354	1.269	3.97
78)	T	Azobenzene	1.170	1.228	1.324	1.368	1.362	1.327	1.373	1.405	1.378	1.326	5.84
79)	S	2,4,6-Tribromo		0.132	0.158	0.161	0.173	0.175	0.183	0.211	0.208	0.175	14.80
80)	T	4-Bromophenyl	0.424	0.474	0.462	0.435	0.429	0.418	0.429	0.445	0.457	0.442	4.33
81)	T	Hexachlorobenzene	0.564	0.514	0.524	0.480	0.471	0.448	0.448	0.466	0.475	0.488	7.91
82)	T	Pentachlorophenol		0.116	0.149	0.166	0.208	0.230	0.271	0.304	0.316	*Q	0.9979
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran		0.067	0.073	0.081	0.094	0.093	0.116			0.088	19.81
85)	T	Pentachloronitrobenzene		0.065	0.077	0.100	0.111	0.115	0.128	0.160	0.178	*Q	0.9986
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.205	0.198	0.222	0.257	0.280	0.311	0.331	0.432	0.477	*Q	0.9977
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.411	1.322	1.332	1.257	1.189	1.136	1.144	1.134	1.168	1.233	8.27
90)	T	Anthracene	1.204	1.138	1.206	1.192	1.150	1.141	1.154	1.169	1.224	1.175	2.72
91)	T	Carbazole	0.910	0.998	1.055	1.074	1.075	1.061	1.117	1.153	1.237	1.076	8.57
92)	T	Di-n-butylphth			0.810	0.899	1.023	1.105	1.327	1.389	1.425	*L	0.9974
93)	T	Fluoranthene	1.249	1.190	1.335	1.358	1.339	1.318	1.444	1.392	1.402	1.336	5.84
94)	T	Benzidine			0.205	0.346	0.571	0.693	0.836	0.873	0.975	*L	0.9944
95)	T	Pyrene	1.368	1.266	1.515	1.510	1.432	1.378	1.481	1.428	1.506	1.432	5.81
96)	S	4-Terphenyl-d14	0.951	0.931	1.014	1.030	0.976	0.964	1.029	1.020	1.089	1.000	4.91
97)	T	Butyl benzyl p		0.205	0.222	0.239	0.296	0.365	0.480	0.534		*Q	0.9950
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid			0.267	0.317	0.377	0.372	0.443	0.523	0.567	*L	0.9912
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane			0.315	0.345	0.384	0.413	0.458	0.495	0.528	0.420	18.68
102)	T	Parathion			0.039	0.040	0.045	0.047	0.059	0.093	0.112	*Q	0.9956
103)	T	3,3'-Dimethylb					0.234	0.304	0.515	0.759	0.846	*L	0.9902
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo(a)anthra	1.388	1.262	1.276	1.371	1.412	1.405	1.471	1.488	1.379	1.384	5.50
106)	T	3,3'-Dichlorob			0.307	0.362	0.437	0.462	0.517	0.540	0.532	0.451	19.78
107)	T	Chrysene	1.681	1.560	1.568	1.456	1.383	1.265	1.292	1.315	1.293	1.424	10.52
108)	T	Bis(2-ethylhex		0.325	0.387	0.414	0.544	0.621	0.773	0.826	0.832	*Q	0.9965

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Vektor Consultants, LLC**	**Lab Number**	**: L2544658**
Project Name	**: 601-607 UNION ST**	**Project Number**	**: 25030019**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22419**
Calibration dates	**: 06/19/25 14:15 06/20/25 05:05**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphth			0.523	0.540	0.745	0.914	1.235	1.392		*Q	0.9959
110)	T	Benzo(b)fluora	1.016	0.959	1.158	1.210	1.236	1.240	1.282	1.268	1.262	1.181	9.87
111)	T	Benzo(k)fluora	0.965	1.115	1.339	1.202	1.343	1.208	1.240	1.272	1.237	1.214	9.61
112)	T	Benzo(a)pyrene	0.900	0.854	1.062	1.047	1.169	1.153	1.201	1.210	1.203	1.089	12.32
113)	I	IS1_Perylene-d12	----------ISTD----------										
114)	T	Indeno(1,2,3-c	0.854	0.627	0.831	0.887	1.051	1.040	1.115	1.096	1.137	0.960	17.77
115)	T	Dibenzo(a,h)an	0.718	0.793	0.961	1.006	1.085	1.053	1.098	1.113	1.140	0.996	14.90
116)	T	Benzo(ghi)pery	1.054	0.946	1.116	1.121	1.145	1.118	1.137	1.042	0.914	1.066	7.96

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV107		Calibration Date	: 07/19/25 09:15	
Lab File ID	: ABN0719A		Init. Calib. Date(s)	: 06/19/25	06/20/25
Sample No	: WG2092572-3		Init. Calib. Times	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	92	0
n-Nitrosodimethylamine	0.752	0.746	-	0.8	20	92	0
Pyridine	1.306	1.246	-	4.6	20	84	0
2-Fluorophenol	1.134	1.065	-	6.1	20	87	0
Aniline	1.783	1.648	-	7.6	20	79	0
2-Chlorophenol	1.224	1.185	-	3.2	20	87	0
Phenol-d6	1.396	1.3	-	6.9	20	84	0
Phenol	1.545	1.41	-	8.7	20	84	0
Bis(2-chloroethyl)ether	1.249	1.081	-	13.5	20	83	0
1,3-Dichlorobenzene	1.63	1.465	-	10.1	20	86	0
1,4-Dichlorobenzene	1.697	1.464	-	13.7	20	84	0
1,2-Dichlorobenzene	1.621	1.381	-	14.8	20	83	0
Benzyl alcohol	0.985	0.836	-	15.1	20	79	0
Bis(2-chloroisopropyl)ethe	1.801	1.451	-	19.4	20	77	0
2-Methylphenol	1.157	1.028	-	11.1	20	83	0
Hexachloroethane	0.58	0.497	-	14.3	20	82	0
n-Nitrosodi-n-propylamine	0.899	0.756	-	15.9	20	77	0
3-Methylphenol/4-Methylphe	1.184	1.261	-	-6.5	20	97	0
Nitrobenzene-d5	1.166	1.132	-	2.9	20	84	0
Nitrobenzene	1.251	1.141	-	8.8	20	81	0
Isophorone	2.444	2.051	-	16.1	20	76	0
2-Nitrophenol	5	4.294	-	14.1	20	80	0
2,4-Dimethylphenol	1.297	1.084	-	16.4	20	76	0
Bis(2-chloroethoxy)methane	1.637	1.375	-	16	20	79	0
2,4-Dichlorophenol	1.165	1.1	-	5.6	20	84	0
1,2,4-Trichlorobenzene	1.545	1.302	-	15.7	20	83	0
IS1_Naphthalene-d8	1	1	-	0	20	89	0
Naphthalene	1.103	0.94	-	14.8	20	81	0
Benzoic Acid	5	5.757	-	-15.1	20	122	0
4-Chloroaniline	0.134	0.116	-	13.4	20	73	0
Hexachlorobutadiene	0.242	0.205	-	15.3	20	81	0
p-Chloro-m-cresol	0.285	0.297	-	-4.2	20	90	0
2-Methylnaphthalene	0.659	0.615	-	6.7	20	86	0
1-Methylnaphthalene	0.256	0.198	-	22.7*	20	74	0
Hexachlorocyclopentadiene	0.235	0.252	-	-7.2	20	99	0
2,4,6-Trichlorophenol	0.235	0.242	-	-3	20	89	0
2,4,5-Trichlorophenol	0.254	0.266	-	-4.7	20	93	0
2-Fluorobiphenyl	0.934	0.798	-	14.6	20	80	0
2-Chloronaphthalene	0.763	0.661	-	13.4	20	82	0
2-Nitroaniline	0.208	0.195	-	6.2	20	84	0
1,4-Dinitrobenzene	5	5.534	-	-10.7	20	111	0
1,3-Dinitrobenzene	5	5.244	-	-4.9	20	99	0
Dimethyl phthalate	0.883	0.822	-	6.9	20	84	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV107		Calibration Date	: 07/19/25 09:15	
Lab File ID	: ABN0719A		Init. Calib. Date(s)	: 06/19/25	06/20/25
Sample No	: WG2092572-3		Init. Calib. Times	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.203	1.116	-	7.2	20	82	0
2,6-Dinitrotoluene	0.16	0.173	-	-8.1	20	93	0
1,2-Dinitrobenzene	0.071	0.078	-	-9.9	20	97	0
IS1_Acenaphthene-d10	1	1	-	0	20	90	0
3-Nitroaniline	0.298	0.305	-	-2.3	20	92	0
Acenaphthene	1.17	0.976	-	16.6	20	81	0
2,4-Dinitrophenol	5	7.318	-	-46.4*	20	145	0
Dibenzofuran	1.997	1.7	-	14.9	20	82	0
2,4-Dinitrotoluene	5	4.912	-	1.8	20	97	0
4-Nitrophenol	0.24	0.213	-	11.2	20	83	0
2,3,5,6-Tetrachlorophenol	0.339	0.354	-	-4.4	20	96	0
2,3,4,6-Tetrachlorophenol	0.377	0.351	-	6.9	20	80	0
Diethyl phthalate	1.396	1.257	-	10	20	82	0
Fluorene	1.481	0.982	-	33.7*	20	62	0
4-Chlorophenyl phenyl ethe	0.757	0.728	-	3.8	20	93	0
4-Nitroaniline	0.298	0.326	-	-9.4	20	99	0
4,6-Dinitro-o-cresol	5	7.492	-	-49.8*	20	153	0
NDPA/DPA	1.269	1.131	-	10.9	20	82	0
Azobenzene	1.326	1.091	-	17.7	20	74	0
2,4,6-Tribromophenol	0.175	0.196	-	-12	20	101	0
4-Bromophenyl phenyl ether	0.442	0.476	-	-7.7	20	102	0
Hexachlorobenzene	0.488	0.514	-	-5.3	20	103	0
Pentachlorophenol	5	4.809	-	3.8	20	95	0
IS1_Phenanthrene-d10	1	1	-	0	20	91	0
Phenanthrene	1.233	1.026	-	16.8	20	82	0
Anthracene	1.175	1.027	-	12.6	20	82	0
Carbazole	1.076	0.967	-	10.1	20	83	0
Di-n-butylphthalate	5	4.292	-	14.2	20	91	0
Fluoranthene	1.336	1.261	-	5.6	20	87	0
Benzidine	5	4.481	-	10.4	20	96	0
Pyrene	1.432	1.32	-	7.8	20	87	0
4-Terphenyl-d14	1	0.964	-	3.6	20	91	0
Butyl benzyl phthalate	5	6.046	-	-20.9*	20	120	0
IS1_Chrysene-d12	1	1	-	0	20	96	0
Benzo(a)anthracene	1.384	1.266	-	8.5	20	87	0
3,3'-Dichlorobenzidine	0.451	0.462	-	-2.4	20	96	0
Chrysene	1.424	1.175	-	17.5	20	90	0
Bis(2-ethylhexyl)phthalate	5	5.055	-	-1.1	20	112	0
Di-n-octylphthalate	5	5.932	-	-18.6	20	129	0
Benzo(b)fluoranthene	1.181	1.307	-	-10.7	20	102	0
Benzo(k)fluoranthene	1.214	1.084	-	10.7	20	87	0
Benzo(a)pyrene	1.089	1.123	-	-3.1	20	94	0
IS1_Perylene-d12	1	1	-	0	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544658	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV107		**Calibration Date**	: 07/19/25 09:15	
Lab File ID	: ABN0719A		**Init. Calib. Date(s)**	: 06/19/25	06/20/25
Sample No	: WG2092572-3		**Init. Calib. Times**	: 14:15	05:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.96	1.11	-	-15.6	20	110	0
Dibenzo(a,h)anthracene	0.996	1.028	-	-3.2	20	101	0
Benzo(ghi)perylene	1.066	1.061	-	0.5	20	98	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within the USEPS SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for hexachlorobenzene was above the allowable maximum (20%) on 07-20-25 (WG2092769-3). The %D for pentachlorophenol was above the allowable maximum (20%) on 07-30-25 (WG2096877-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2092160-1BLANK contained a trace of benzo(a)anthracene (0.03 ug/L). Positive results for benzo(a)anthracene that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2092160-2/3.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Lab ID	: WG2092160-1	Date Collected	: NA
Client ID	: WG2092160-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/20/25 02:08
Sample Matrix	: WATER	Date Extracted	: 07/18/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 092160-1	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV119		Calibration Date	: 07/20/25 11:45	
Lab File ID	: CCV0720A		Init. Calib. Date(s)	: 06/25/25	06/25/25
Sample No	: WG2092769-3		Init. Calib. Times	: 20:07	22:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	116	0
N-Nitrosodimethylamine	0.682	0.609	.05	10.7	20	104	0
2-Fluorophenol	1.156	1.121	.05	3	20	118	0
Phenol-d6	1.436	1.346	.05	6.3	20	110	0
Bis(2-chloroethyl)ether	1.247	1.021	.05	18.1	20	101	0
n-nitrosodi-n-propylamine	0.929	0.702	.05	24.4*	20	88	0
Hexachloroethane	0.514	0.454	.05	11.7	20	104	0
Nitrobenzene-d5	1.315	1.107	.05	15.8	20	100	0
Naphthalene-d8	1	1	.05	0	20	110	0
Naphthalene	1.086	0.963	.05	11.3	20	103	0
Hexachlorobutadiene	0.204	0.186	.05	8.8	20	104	0
2-Methylnaphthalene	0.692	0.63	.05	9	20	106	0
1-Methylnaphthalene	0.7	0.642	.05	8.3	20	103	0
2-Fluorobiphenyl	0.896	0.851	.05	5	20	106	0
2-Chloronaphthalene	0.753	0.71	.05	5.7	20	104	0
2,6-Dinitrotoluene	0.162	0.188	.05	-16	20	122	0
Acenaphthylene	1.266	1.189	.05	6.1	20	101	0
Acenaphthene-d10	1	1	.05	0	20	110	0
Acenaphthene	1.324	1.193	.05	9.9	20	102	0
2,4-Dinitrotoluene	0.363	0.45	.05	-24*	20	130	0
Fluorene	1.596	1.469	.05	8	20	103	0
2,4,6-Tribromophenol	0.23	0.246	.05	-7	20	115	0
Phenanthrene-d10	1	1	.05	0	20	124	0
4,6-Dinitro-o-cresol	1000	1179.663	.05	-18	20	162	0
Hexachlorobenzene	0.282	0.214	.05	24.1*	20	100	0
Pentachlorophenol	1000	975.777	.05	2.4	20	127	0
Phenanthrene	1.21	1.013	.05	16.3	20	109	0
Anthracene	1.222	1.028	.05	15.9	20	105	0
Fluoranthene	1.594	1.334	.05	16.3	20	104	0
Pyrene	1.677	1.387	.05	17.3	20	102	0
Benzidine	1000	483.005	.05	51.7*	20	55	0
4-Terphenyl-d14	1.106	0.995	.05	10	20	111	0
Chrysene-d12	1	1	.05	0	20	115	0
Benzo[a]anthracene	1000	931.335	.05	6.9	20	107	0
3,3'-Dichlorobenzidine	0.534	0.536	.05	-0.4	20	105	0
Chrysene	1.304	1.155	.05	11.4	20	101	0
Bis(2-ethylhexyl)phthalate	0.716	0.691	.05	3.5	20	107	0
Perylene-d12	1	1	.05	0	20	118	0
Benzo[b]fluoranthene	1.105	1.187	.05	-7.4	20	116	0
Benzo[k]fluoranthene	1.278	1.163	.05	9	20	103	0
Benzo[a]pyrene	1.05	1.097	.05	-4.5	20	111	0
Indeno[1,2,3-cd]pyrene	1000	1200.191	.05	-20	20	144	0
Dibenzo[a,h]anthracene	1000	1140.96	.05	-14.1	20	135	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544658	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV119		**Calibration Date**	: 07/20/25 11:45	
Lab File ID	: CCV0720A		**Init. Calib. Date(s)**	: 06/25/25	06/25/25
Sample No	: WG2092769-3		**Init. Calib. Times**	: 20:07	22:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	0.975	1.143	.05	-17.2	20	123	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: SV125		Calibration Date	: 07/30/25 09:41	
Lab File ID	: CCV0730A		Init. Calib. Date(s)	: 04/29/25	04/29/25
Sample No	: WG2096877-3		Init. Calib. Times	: 19:41	22:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	82	0
N-Nitrosodimethylamine	0.652	0.631	.05	3.2	20	79	0
2-Fluorophenol	1.074	1.098	.05	-2.2	20	80	0
Phenol-d6	1.285	1.305	.05	-1.6	20	81	0
Bis(2-chloroethyl)ether	1000	958.413	.05	4.2	20	75	0
n-nitrosodi-n-propylamine	0.742	0.761	.05	-2.6	20	79	0
Hexachloroethane	0.552	0.489	.05	11.4	20	75	0
Nitrobenzene-d5	1.061	1.179	.05	-11.1	20	83	0
Naphthalene-d8	1	1	.05	0	20	85	0
Naphthalene	1.161	1.058	.05	8.9	20	81	0
Hexachlorobutadiene	0.223	0.208	.05	6.7	20	81	0
2-Methylnaphthalene	0.68	0.666	.05	2.1	20	80	0
1-Methylnaphthalene	0.717	0.708	.05	1.3	20	83	0
2-Fluorobiphenyl	0.904	0.895	.05	1	20	84	0
2-Chloronaphthalene	0.787	0.755	.05	4.1	20	81	0
2,6-Dinitrotoluene	0.173	0.19	.05	-9.8	20	88	0
Acenaphthylene	1.202	1.271	.05	-5.7	20	84	0
Acenaphthene-d10	1	1	.05	0	20	86	0
Acenaphthene	1.476	1.369	.05	7.2	20	82	0
2,4-Dinitrotoluene	0.404	0.456	.05	-12.9	20	91	0
Fluorene	1.581	1.584	.05	-0.2	20	84	0
2,4,6-Tribromophenol	0.213	0.231	.05	-8.5	20	82	0
Phenanthrene-d10	1	1	.05	0	20	90	0
4,6-Dinitro-o-cresol	1000	985.87	.05	1.4	20	98	0
Hexachlorobenzene	0.281	0.251	.05	10.7	20	83	0
Pentachlorophenol	1000	678.279	.05	32.2*	20	61	0
Phenanthrene	1.32	1.163	.05	11.9	20	83	0
Anthracene	1.22	1.176	.05	3.6	20	86	0
Fluoranthene	1.433	1.434	.05	-0.1	20	87	0
Pyrene	1.479	1.473	.05	0.4	20	87	0
Benzidine	0.799	0.52	.05	34.9*	20	57	0
4-Terphenyl-d14	0.85	0.941	.05	-10.7	20	99	0
Chrysene-d12	1	1	.05	0	20	96	0
Benzo[a]anthracene	1000	921.216	.05	7.9	20	88	0
3,3'-Dichlorobenzidine	0.581	0.559	.05	3.8	20	88	0
Chrysene	1.485	1.397	.05	5.9	20	86	0
Bis(2-ethylhexyl)phthalate	1000	869.21	.05	13.1	20	91	0
Perylene-d12	1	1	.05	0	20	98	0
Benzo[b]fluoranthene	1.415	1.416	.05	-0.1	20	96	0
Benzo[k]fluoranthene	1.377	1.379	.05	-0.1	20	91	0
Benzo[a]pyrene	1.205	1.29	.05	-7.1	20	97	0
Indeno[1,2,3-cd]pyrene	1.173	1.263	.05	-7.7	20	98	0
Dibenzo[a,h]anthracene	1.146	1.198	.05	-4.5	20	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Vektor Consultants, LLC		**Lab Number**	: L2544658	
Project Name	: 601-607 UNION ST		**Project Number**	: 25030019	
Instrument ID	: SV125		**Calibration Date**	: 07/30/25 09:41	
Lab File ID	: CCV0730A		**Init. Calib. Date(s)**	: 04/29/25	04/29/25
Sample No	: WG2096877-3		**Init. Calib. Times**	: 19:41	22:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Benzo[g,h,i]perylene	1.231	1.228	.05	0.2	20	92	0

* Value outside of QC limits.

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank reported 1,4-dioxane and not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2093014-2/3.

Compound ID: Checked surrogate and 1,4-dioxane results were within quantitation limits.

z:\projects\2025\25621-25640\25623-601-607 union street\task 1 dusr\temp-review\corrections made\l2544658.dix.docx

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B Pesticide Data for Pace Analytical Services
SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The percent recoveries for target pesticides were within QC limits, but relative percent differences for heptachlor, aldrin, 4,4'-DDE, and 4,4'-DDT were above the allowable maximum for aqueous samples WG2092235-2/3. Positive results for these pesticides should be considered estimated (J) in associated aqueous samples.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for target pesticides on both columns, as required.

Continuing Calibration: The %Ds for endrin aldehyde were above the allowable maximum (20%) for both channels on 07-22-25 (10250722a-27). Positive results for endrin aldehyde should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: The checked surrogate and detected pesticide results were within GC quantitation limits. The RPD for dual column quantitation of 4,4'-DDT in sample B10D was above the allowable maximum (25%), but not above 70% and the lower result was reported. The positive result for 4,4'-DDT should be considered estimated, biased low (J-) in sample B10D.

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The RPD for dual column quantitation of 4,4'-DDT in sample B8DW was above the allowable maximum (25%) and above 70%, but not above 100%. The positive result for 4,4'-DDT should be considered estimated, presumptive evidence (JN) in sample B8DW.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of ground water samples reported target multi-component pesticides as not detected.

Laboratory Control Sample Summary
Form 3
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2092235-2	Analysis Date : 07/22/25 16:05	File ID : 10250722a-41
LCSD Sample ID	: WG2092235-3	Analysis Date : 07/22/25 16:17	File ID : 10250722a-42

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Delta-BHC	0.5	0.217	43	0.5	0.252	50	15	30-150	20
Lindane	0.5	0.335	67	0.5	0.387	77	14	30-150	20
Alpha-BHC	0.5	0.323	65	0.5	0.370	74	14	30-150	20
Beta-BHC	0.5	0.338	68	0.5	0.415	83	20	30-150	20
Heptachlor	0.5	0.308	62	0.5	0.381	76	21 Q	30-150	20
Aldrin	0.5	0.285	57	0.5	0.354	71	22 Q	30-150	20
Heptachlor epoxide	0.5	0.310	62	0.5	0.373	75	18	30-150	20
Endrin	0.5	0.318	64	0.5	0.390	78	20	30-150	20
Endrin aldehyde	0.5	0.271	54	0.5	0.309	62	13	30-150	20
Endrin ketone	0.5	0.374	75	0.5	0.425	85	13	30-150	20
Dieldrin	0.5	0.327	65	0.5	0.394	79	19	30-150	20
4,4'-DDE	0.5	0.298	60	0.5	0.377	75	23 Q	30-150	20
4,4'-DDD	0.5	0.336	67	0.5	0.405	81	19	30-150	20
4,4'-DDT	0.5	0.348	70	0.5	0.436	87	22 Q	30-150	20
Endosulfan I	0.5	0.302	60	0.5	0.364	73	19	30-150	20
Endosulfan II	0.5	0.323	65	0.5	0.385	77	18	30-150	20
Endosulfan sulfate	0.5	0.296	59	0.5	0.346	69	16	30-150	20
Methoxychlor	0.5	0.326	65	0.5	0.381	76	16	30-150	20
cis-Chlordane	0.5	0.292	58	0.5	0.347	69	17	30-150	20
trans-Chlordane	0.5	0.330	66	0.5	0.405	81	20	30-150	20

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST10		Calibration Date	: 07/22/25 12:42	
Lab File ID	: 10250722a-27		Init. Calib. Date(s)	: 05/13/25	05/15/25
Sample No	: WG2093461-4		Init. Calib. Times	: 19:07	12:53
Channel	: A				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	137	0
2,4,5,6-Tetrachloro-m-xylen	1.28	1.09	-	14.8	20	121	0
Hexachlorobenzene	1.425	1.185	-	16.8	20	123	0
alpha-BHC	1.711	1.632	-	4.6	20	129	0
gamma-BHC (lindane)	1.631	1.539	-	5.6	20	133	0
beta-BHC	0.768	0.655	-	14.7	20	128	0
delta-BHC	1.636	1.468	-	10.3	20	123	0
Heptachlor	1.514	1.438	-	5	20	134	0
Aldrin	1.549	1.457	-	5.9	20	129	0
Alachlor	0.235	0.218	-	7.2	20	136	0
Chlorpyrifos	0.815	0.694	-	14.8	20	129	0
Heptachlor Epoxide	1.485	1.309	-	11.9	20	124	0
gamma-Chlordane (trans)	50	47.821	-	4.4	20	143	0
alpha-Chlordane (cis)	1.555	1.375	-	11.6	20	124	0
4,4'-DDE	1.548	1.397	-	9.8	20	124	0
Endosulfan I	1.442	1.278	-	11.4	20	125	0
Dieldrin	1.527	1.443	-	5.5	20	134	0
Endrin	1.519	1.401	-	7.8	20	128	0
4,4'-DDD	1.229	1.197	-	2.6	20	134	0
Endosulfan II	1.367	1.228	-	10.2	20	127	0
4,4'-DDT	1.137	1.111	-	2.3	20	127	0
Endrin Aldehyde	1.175	0.904	-	23.1*	20	109	0
Methoxychlor	0.705	0.627	-	11.1	20	129	0
Mirex	1.251	1.054	-	15.7	20	126	0
Endosulfan Sulfate	1.334	1.166	-	12.6	20	127	0
Endrin Ketone	1.498	1.407	-	6.1	20	131	0
Decachlorobiphenyl	50	43.704	-	12.6	20	118	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC		Lab Number	: L2544658	
Project Name	: 601-607 UNION ST		Project Number	: 25030019	
Instrument ID	: PEST10		Calibration Date	: 07/22/25 12:42	
Lab File ID	: 10250722a-27		Init. Calib. Date(s)	: 05/13/25	05/15/25
Sample No	: WG2093461-4		Init. Calib. Times	: 19:07	12:53
Channel	: B				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	143	0
2,4,5,6-Tetrachloro-m-xyl	1.304	1.132	-	13.2	20	132	0
Hexachlorobenzene	1.438	1.205	-	16.2	20	132	0
alpha-BHC	1.731	1.667	-	3.7	20	137	0
gamma-BHC (lindane)	1.621	1.577	-	2.7	20	143	0
beta-BHC	0.774	0.653	-	15.6	20	133	0
delta-BHC	1.645	1.512	-	8.1	20	133	0
Heptachlor	1.558	1.485	-	4.7	20	143	0
Aldrin	1.604	1.52	-	5.2	20	138	0
Alachlor	0.258	0.236	-	8.5	20	136	0
Chlorpyrifos	0.811	0.715	-	11.8	20	140	0
Heptachlor Epoxide	1.527	1.349	-	11.7	20	131	0
gamma-Chlordane (trans)	50	49.788	-	0.4	20	155	0
alpha-Chlordane (cis)	1.602	1.418	-	11.5	20	133	0
4,4'-DDE	1.58	1.445	-	8.5	20	131	0
Endosulfan I	1.472	1.319	-	10.4	20	134	0
Dieldrin	1.534	1.493	-	2.7	20	144	0
Endrin	1.494	1.372	-	8.2	20	134	0
4,4'-DDD	1.214	1.21	-	0.3	20	144	0
Endosulfan II	1.361	1.264	-	7.1	20	139	0
4,4'-DDT	1.301	1.307	-	-0.5	20	149	0
Endrin Aldehyde	1.149	0.917	-	20.2*	20	118	0
Methoxychlor	0.741	0.691	-	6.7	20	142	0
Mirex	1.237	1.077	-	12.9	20	137	0
Endosulfan Sulfate	1.279	1.178	-	7.9	20	140	0
Endrin Ketone	1.479	1.435	-	3	20	144	0
Decachlorobiphenyl	1.448	1.2	-	17.1	20	129	0

* Value outside of QC limits.

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2544658
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2544658-03			
Client ID	:	B8DW			
Date Analyzed (1)	:	07/22/25 18:14	Date Analyzed (2)	:	07/22/25 18:14
Instrument ID (1)	:	PEST10	Instrument ID (2)	:	PEST10
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticides

			RT Window			
Analyte	Col	RT	From	To	Concentration	RPD
4,4'-DDT	1	4.42	4.37	4.47	0.0412	
	2	5.11	5.06	5.16	0.0163J	87

Identification Summary
Form 10
Pesticides

Client	:	Vektor Consultants, LLC	Lab Number	:	L2544658
Project Name	:	601-607 UNION ST	Project Number	:	25030019
Lab Sample ID	:	L2544658-04			
Client ID	:	B10D			
Date Analyzed (1)	:	07/22/25 18:26	Date Analyzed (2)	:	07/22/25 18:26
Instrument ID (1)	:	PEST10	Instrument ID (2)	:	PEST10
GC Column (1)	:	CLPPesticides	GC Column (2)	:	CLPPesticides

			RT Window			
Analyte	Col	RT	From	To	Concentration	RPD
4,4'-DDT	1	4.42	4.37	4.47	0.0806	
	2	5.11	5.06	5.16	0.0411	65

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2092485-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of ground water samples reported target compounds as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2544658

3 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: The analysis of the method blank reported target PFAS as not detected.

Surrogate Recovery: Two of twenty-four surrogate recoveries for samples MW-8 and B8DW were above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous samples WG2093048-2/3.

Compound ID: Checked PFAS results were within LC quantitation limits.

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Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544658
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-8 (L2544658-02)	82	71	81	204*	79	83	76
B8DW (L2544658-03)	95	91	97	158	96	92	89
B10D (L2544658-04)	60	59	59	155	57	58	48
WG2093048-1BLANK	52	55	50	45	55	52	48
WG2093048-2LCS	107	101	107	85	108	102	97
WG2093048-3LCS	81	79	77	65	70	80	73

QC LIMITS

(5-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(40-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(40-200) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
(40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544658
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-8 (L2544658-02)	80	224*	82	82	78	165	121
B8DW (L2544658-03)	87	187	94	104	80	191	197*
B10D (L2544658-04)	51	148	63	62	58	116	107
WG2093048-1BLANK	49	45	47	46	45	48	46
WG2093048-2LCS	99	93	104	97	84	90	90
WG2093048-3LCS	70	66	77	80	70	74	82

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
(40-200) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(40-300) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(40-170) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544658
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
MW-8 (L2544658-02)	80	63	96	61	51	82	49
B8DW (L2544658-03)	78	66	146*	53	38	88	51
B10D (L2544658-04)	58	43	87	41	25	57	35
WG2093048-1BLANK	50	44	44	42	32	48	35
WG2093048-2LCS	85	82	83	72	58	96	63
WG2093048-3LCS	79	64	78	66	62	75	49

QC LIMITS

(30-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
(40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(25-135) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(10-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(10-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
(40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
(10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Vektor Consultants, LLC
Project Name: 601-607 UNION ST

Lab Number: L2544658
Project Number: 25030019
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
MW-8 (L2544658-02)	50	69	67	--	--	--	--	2
B8DW (L2544658-03)	45	59	58	--	--	--	--	2
B10D (L2544658-04)	32	35	31	--	--	--	--	0
WG2093048-1BLANK	35	53	50	--	--	--	--	0
WG2093048-2LCS	65	97	90	--	--	--	--	0
WG2093048-3LCS	48	79	72	--	--	--	--	0

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSA)
(10-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(10-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)

Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151A Herbicides Data
for Pace Analytical Services
SDG Number: L2544658

3 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2093828-2/3.

Initial Calibration: The average %RSDs for target herbicides were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %Ds for 2,4,5-T were above the allowable maximum (15%) for both channels on 07-24-25 (17250724a-01). Positive results for 2,4,5-T should be considered estimated (J) in associated samples.

Herbicide Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the ground water samples reported target herbicides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST17	Calibration Date	: 07/24/25 06:39
Lab File ID	: 17250724a-01	Init. Calib. Date(s)	: 06/12/25 06/12/25
Sample No	: WG2094511-1	Init. Calib. Times	: 12:31 14:06
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	110	0
Dalapon	0.215	0.215	-	0	15	110	0
DCAA (surrogate)	0.189	0.183	-	3.2	15	104	0
Dicamba	0.607	0.59	-	2.8	15	106	0
MCPP	0.00069	0.00061	-	11.6	15	94	0
MCPA	0.00115	0.0011	-	4.3	15	103	0
Dichloroprop	0.191	0.186	-	2.6	15	105	0
2,4-D	0.231	0.227	-	1.7	15	106	0
2,4,5-TP (Silvex)	0.847	0.787	-	7.1	15	101	0
2,4,5-T	0.827	0.977	-	-18.1*	15	129	0
2,4-DB	0.116	0.115	-	0.9	15	106	0
Dinoseb	0.594	0.888	-	-49.5*	15	160	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Pesticides

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Instrument ID	: PEST17	Calibration Date	: 07/24/25 06:39
Lab File ID	: 17250724a-01	Init. Calib. Date(s)	: 06/12/25 06/12/25
Sample No	: WG2094511-1	Init. Calib. Times	: 12:31 14:06
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	102	0
Dalapon	0.234	0.245	-	-4.7	15	107	0
DCAA (surrogate)	0.207	0.208	-	-0.5	15	100	0
Dicamba	0.635	0.618	-	2.7	15	98	0
MCPP	0.00076	0.00073	-	3.9	15	96	0
MCPA	0.00128	0.00125	-	2.3	15	97	0
Dichloroprop	0.201	0.204	-	-1.5	15	100	0
2,4-D	0.252	0.281	-	-11.5	15	112	0
2,4,5-TP (Silvex)	0.889	0.829	-	6.7	15	93	0
2,4,5-T	0.86	0.648	-	24.7*	15	76	0
2,4-DB	0.133	0.114	-	14.3	15	86	0
Dinoseb	0.594	0.534	-	10.1	15	90	0

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2544658

4 Ground Water Samples
Collected July 16, 2025

Prepared by: Donald Anné
September 26, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: Two of two percent recoveries for magnesium were below control limits (75-125%), but not below 30% for aqueous batch MS/MSD sample L2543650-11. Positive results for magnesium should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous batch MS/MSD sample L2543650-11 and duplicate sample MW-4, as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2093368-2 and WG2093369-2.

Serial Dilution: This data was not provided.

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Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2544658
Project Name	: 601-607 UNION ST	Project Number	: 25030019
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: L2543650-11		
Matrix Spike	: WG2093368-3	MS Analysis Date	: 07/22/25 17:08
Matrix Spike Dup	: WG2093368-4	MSD Analysis Date	: 07/22/25 17:15

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	0.207	2	2.29	103	2	2.36	106	3	75-125	20
Antimony, Total	ND	0.5	0.4638	93	0.5	0.4522	90	3	75-125	20
Arsenic, Total	0.0033	0.12	0.1279	104	0.12	0.1271	103	1	75-125	20
Barium, Total	0.2190	2	2.222	100	2	2.183	98	2	75-125	20
Beryllium, Total	ND	0.05	0.05002	100	0.05	0.04978	100	0	75-125	20
Cadmium, Total	0.00018J	0.053	0.05267	99	0.053	0.05023	95	5	75-125	20
Calcium, Total	210.	10	218.	NA	10	219.	NA	0	75-125	20
Chromium, Total	0.0015	0.2	0.1920	95	0.2	0.2028	101	5	75-125	20
Cobalt, Total	0.0005	0.5	0.4667	93	0.5	0.4852	97	4	75-125	20
Copper, Total	0.0174	0.25	0.2416	90	0.25	0.2518	94	4	75-125	20
Iron, Total	1.36	1	2.12	76	1	2.27	91	7	75-125	20
Lead, Total	0.00119	0.53	0.5269	99	0.53	0.5441	102	3	75-125	20
Magnesium, Total	39.4	10	48.8	57 Q	10	49.7	66 Q	2	75-125	20
Manganese, Total	0.2364	0.5	0.7165	96	0.5	0.7521	103	5	75-125	20
Nickel, Total	0.0020	0.5	0.4896	98	0.5	0.4896	98	0	75-125	20
Potassium, Total	3.94	10	15.2	106	10	15.1	104	1	75-125	20
Selenium, Total	ND	0.12	0.132	110	0.12	0.136	113	3	75-125	20
Silver, Total	ND	0.05	0.04705	94	0.05	0.04734	95	1	75-125	20
Sodium, Total	107.	10	108.	NA	10	114.	NA	5	75-125	20
Thallium, Total	ND	0.12	0.1262	105	0.12	0.1252	104	1	75-125	20
Vanadium, Total	0.0019J	0.5	0.4943	99	0.5	0.5066	101	2	75-125	20
Zinc, Total	0.0838	0.5	0.5854	100	0.5	0.6088	105	4	75-125	20

NA - The sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.

APPENDIX M

DATA USABILITY SUMMARY REPORTS FOR PHASE II SOIL SAMPLES

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

February 20, 2026

Ms. Alexandra Keenan
Project Manager
vEKtor consultants
555 8th Avenue, Suite 2302
New York, NY 10018

Re: Data Validation Report
601 Union-2022 Phase 2 RI
September 2022 Soil and Ground Water Sampling Events

Dear Ms. Keenan,

The Data Usability Summary Reports are attached to this letter for the 601 Union site, September 2022 soil and ground water sampling events. The data for York Analytical Laboratories, Inc., SDG numbers 22I0332 and 22I0453 are mostly acceptable, with issues that are identified in the DUSRs and QA/QC review summaries. There are data that are rejected, unusable (R) in both data packs. The DUSRs and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2025\25621-25640\25623-601-607 union street\task 1 dusr\temp-review\corrections made\601 union-261.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

22l0332

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 11 soil samples analyzed for volatiles, semi-volatiles, 1,4-dioxane by SIM, PFAS, pesticides, PCBs, TAL metals, and hexavalent chromium.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals analyses.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile result for methylene chloride was qualified as "not detected" (U) for sample SP-1 (8-10) because the level reported in the sample was not significantly greater than (more than 10 times) the highest associated blank level.

- The "not detected" volatile results for tetrachloroethylene were qualified as "estimated" (UJ) for all 11 soil samples because 2 of 2 percent recoveries for tetrachloroethylene were below QC limits, but not below 10% in the associated soil LCS/LCSDs.

- The positive volatile results for 9 compounds were qualified as "estimated, biased high" (J+) for sample SP-10 (8-10) because 1 of 3 surrogate recoveries was above control limits for the sample.

- The positive semi-volatile result for indeno(1,2,3-cd)pyrene was qualified as "estimated" (J) for sample SP-11 (10-12) because the %D for indeno(1,2,3-cd)pyrene was above the allowable maximum in the associated continuing calibration.

- The positive semi-volatile results for 18 compounds were qualified as "estimated, biased high" (J+) for sample SP-4 (4-6) because 2 of 3 base/neutral surrogate recoveries were above control limits for the sample.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The positive semi-volatile results for 19 compounds were qualified as “estimated, biased high” (J+) for sample SP-10 (8-10) because 1 of 3 base/neutral surrogate recoveries was above control limits for the initial and re-analyses of the sample.

- The positive semi-volatile result for 2-methylnaphthalene was qualified as “estimated, biased high” (J+) for sample SP-11 (10-12) because 1 of 3 surrogate recoveries was above control limits for the re-analysis of the sample.

- The “not detected” PFAS results for N-EtFOSAA and 8:2 FTS were qualified as “estimated” (UJ) for sample SP-11 (10-12) because percent recoveries for the surrogates used to quantitate N-EtFOSAA and 8:2 FTS were below QC limits, but not below 10% in the sample.

- The “not detected” PFAS results for N-MeFOSAA was qualified as “rejected, unusable” (R) for sample SP-10 (8-10) because percent recovery for the surrogate used to quantitate N-MeFOSAA was below QC limits and below 10% in the sample.

- The “not detected” PFAS results for PFOS was qualified as “rejected, unusable” (R) for sample SP-11 (10-12) because percent recovery for the surrogate used to quantitate PFOS was below QC limits and below 10% in the sample.

- The positive metal results for nickel were qualified as estimated, biased low (J-) for all 11 soil samples because the percent recovery for nickel was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for antimony were qualified as estimated, biased low (J-) for samples SP-1 (8-10), SP-2 (8-10), SP-4 (4-6), SP-9 (1-3), SP-10 (8-10), and SP-11 (10-12) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The “not detected” metal results for antimony were qualified as estimated (UJ) for samples SP-3 (10-12), SP-5 (6-8), SP-6 (2-4), SP-7 (0-2), and SP-8 (1-3) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for sodium were qualified as estimated, biased low (J-) for samples SP-2 (8-10), SP-5 (6-8), SP-8 (1-3), SP-9 (1-3), and SP-11 (10-12) because the percent recovery for sodium was below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal results for sodium were qualified as estimated (UJ) for samples SP-1 (8-10), SP-3 (10-12), SP-4 (4-6), SP-6 (2-4), SP-7 (0-2), and SP-10 (8-10) because the percent recovery for sodium was below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal results for selenium were qualified as estimated (UJ) for all 11 soil samples because the percent recovery for selenium was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal result for beryllium was qualified as estimated, biased low (J-) for sample SP-9 (1-3) because the percent recovery for beryllium was below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal results for beryllium were qualified as estimated (UJ) for all soil samples except SP-9 (1-3) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for barium and copper were qualified as estimated, biased high (J+) for all 11 soil samples because the percent recoveries for barium and copper were above QC limits in the associated soil LCSs.

- The positive metal results for arsenic, lead, magnesium, potassium, and zinc were qualified as estimated, biased high (J+) for the following samples because the percent recoveries for arsenic, lead, magnesium, potassium, and zinc were above QC limits in the associated soil LCS.

SP-3 (10-12)	SP-4 (4-6)	SP-5 (6-8)	SP-6 (2-4)
SP-7 (0-2)	SP-8 (1-3)	SP-9 (1-3)	SP-10 (8-10)
SP-11 (10-12)			

- The positive metal results for chromium were qualified as estimated, biased high (J+) for samples SP-1 (8-10) and SP-2 (8-10) because the percent recovery for chromium was above QC limits in the associated soil LCS.

- The positive metal results for zinc were qualified as estimated (J) for samples SP-1 (8-10) and SP-2 (8-10) because the %D for zinc was above the allowable maximum in the associated soil serial dilution sample and the results were above the MRLs.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	5400	11000	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	540	1100	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	540	1100	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**480**	J	ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**5100**	U	ug/kg dry	540	1100	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	540	1100	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	270	540	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	800	1600	100	EPA 8260C	09/13/2022 09:00	09/13/2022 18:42	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**1.14**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**1.47**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.906**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**2.44**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**3.79**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**2.85**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**2.25**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.07**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**2.34**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**1.39**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**3.72**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.450**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**1.53**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**8.07**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**2.52**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.13**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**3.52**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	09/20/2022 08:30	09/21/2022 09:41	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**12.7**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**8.09**		mg/kg dry	0.243	0.484	10	EPA 8270D	09/20/2022 08:30	09/21/2022 23:29	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.6 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 18:39	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.287	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:27	WEL
						Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.8 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*83.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*81.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*99.7 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.3 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*117 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*115 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*73.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*295 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*250 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*88.8 %*		*25-150*

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0386	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00965	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0976	5	EPA 8081B	09/20/2022 08:27	09/22/2022 02:49	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.3 %*	*30-150*

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:38	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	5.93	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**4.36**	J-	mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	1.78	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**110**	J+	mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.059	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.356	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2880**		mg/kg dry	5.93	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.7**	J+	mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.63**		mg/kg dry	0.474	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**26.3**	J+	mg/kg dry	2.37	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14100**		mg/kg dry	29.6	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-1 (8-10)

York Sample ID: 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**196**		mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2220**		mg/kg dry	5.93	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**195**		mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**21.1**	J-	mg/kg dry	1.19	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.93	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	59.3	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**23.4**		mg/kg dry	1.19	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**62.3**	J	mg/kg dry	2.96	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.29**		mg/kg dry	0.0356	1	EPA 7473	09/23/2022 09:55	09/23/2022 11:48	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-1 (8-10) **York Sample ID:** 22I0332-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:00 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/kg dry	7.8	16	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	7.8	16	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**110**		ug/kg dry	7.8	16	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C	09/14/2022 09:00	09/14/2022 11:56	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	**2,4-Dinitrotoluene**	**0.961**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	**2,6-Dinitrotoluene**	**0.0852**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.310**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	**4-Bromophenyl phenyl ether**	**0.0521**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	**4-Chloroaniline**	**0.171**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.836**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0930**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**1.46**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**2.98**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**2.69**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**2.49**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.49**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**2.21**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.720**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**3.16**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.494**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.518**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	**Dimethyl phthalate**	**0.383**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**8.06**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.740**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	**Hexachloroethane**	**0.0451**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.41**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	**Isophorone**	**0.370**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.530**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	**N-nitroso-di-n-propylamine**	**0.139**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	**N-Nitrosodiphenylamine**	**0.453**		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:12	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**7.76**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**6.14**		mg/kg dry	0.221	0.441	10	EPA 8270D	09/20/2022 08:30	09/22/2022 00:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.2 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*106 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 18:57	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:40	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 21:40	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*70.3 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*80.4 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*72.7 %*	*25-150*

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*82.0 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*102 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*74.3 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*63.3 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*59.3 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.9 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*91.0 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*60.2 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*75.4 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide*	*66.6 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.9 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*68.4 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*66.1 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*80.3 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00867	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0877	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:07	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	09/20/2022 08:27	09/21/2022 21:52	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-140*

Sample Information

Client Sample ID: SP-2 (8-10)

York Sample ID: 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12700**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**3.55**	J-	mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**108**	J+	mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.053	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**31500**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**22.0**	J+	mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**19.6**		mg/kg dry	0.423	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**14.9**	J+	mg/kg dry	2.12	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**19800**		mg/kg dry	26.4	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**14.5**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**8600**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**193**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**48.5**	J-	mg/kg dry	1.06	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**6830**		mg/kg dry	5.29	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**1.15**		mg/kg dry	0.529	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**194**	J-	mg/kg dry	52.9	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**27.5**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**56.8**	J	mg/kg dry	2.64	1	EPA 6010D	09/13/2022 13:54	09/16/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-2 (8-10) **York Sample ID:** 22I0332-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:20 am	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.655**		mg/kg dry	0.0317	1	EPA 7473	09/23/2022 09:55	09/23/2022 11:58	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**22.0**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**94.5**		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	88	180	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**22**	ICVE	ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	**Methyl acetate**	**16**		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**35**		ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	26	1	EPA 8260C	09/13/2022 09:00	09/13/2022 19:36	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.209	0.419	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0761**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.0661**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0527**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.0753**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.155**		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.0619**	J	mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.127**		mg/kg dry	0.0524	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 10:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 19:14	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.308	1	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 21:53	WEL

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*134 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*81.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*65.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*101 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*164 %*	PFSu-H	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*130 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*134 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*73.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*422 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*380 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*87.8 %*		*25-150*

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0415	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0104	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.105	5	EPA 8081B	09/20/2022 08:27	09/22/2022 03:25	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:11	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8200**		mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**21.9**	J+	mg/kg dry	1.90	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**208**	J+	mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.583**		mg/kg dry	0.379	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**14200**		mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.74**		mg/kg dry	0.506	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**32.9**	J+	mg/kg dry	2.53	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11100**		mg/kg dry	31.6	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1560**	J+	mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2920**	J+	mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**246**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**24.9**	J-	mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1210**	J+	mg/kg dry	6.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.685**		mg/kg dry	0.632	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	63.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**29.1**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**496**	J+	mg/kg dry	3.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:47	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.510**		mg/kg dry	0.0379	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:07	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.632	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 22I0332-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 9:40 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.1**		%	0.100	1	SM 2540G	09/16/2022 07:45	09/16/2022 11:05	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**21**		ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:03	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.228**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0648**	J+ J	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.211	0.421	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.569**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**1.40**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.26**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.01**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.614**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.950**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.149**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**1.38**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.203**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.108**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**3.00**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.223**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.581**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0681**	J+ J	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**2.40**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**2.80**	J+	mg/kg dry	0.0527	0.105	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:15	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*115 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*101 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*122 %*	S-08	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 19:31	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.315	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**1.62**		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.315	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:06	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*77.8 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*75.7 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*71.8 %*	*25-150*

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*84.4 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*102 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*70.4 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*53.4 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*62.1 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.8 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*92.1 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*59.9 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.8 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*60.3 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*55.7 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.6 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.8 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*123 %*		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*70.7 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0415	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0104	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.105	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:19	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:24	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-140*

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13900**		mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**5.90**	J-	mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**14.3**	J+	mg/kg dry	1.89	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**214**	J+	mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.383**		mg/kg dry	0.379	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**6860**		mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**30.7**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**14.4**		mg/kg dry	0.505	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**139**	J+	mg/kg dry	2.52	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**27700**		mg/kg dry	31.5	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**743**	J+	mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**7450**	J+	mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**374**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**76.3**	J-	mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**3070**	J+	mg/kg dry	6.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**7.08**		mg/kg dry	0.631	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	63.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**42.2**		mg/kg dry	1.26	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**249**	J+	mg/kg dry	3.15	1	EPA 6010D	09/13/2022 14:01	09/19/2022 14:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-4 (4-6) **York Sample ID:** 22I0332-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:00 am	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.10**		mg/kg dry	0.0379	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:17	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.631	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**30.7**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**79.3**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**40**		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	09/13/2022 09:00	09/13/2022 20:30	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	09/20/2022 08:30	09/21/2022 11:46	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.9 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 19:48	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.256	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.256	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:19	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*68.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*79.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*81.1 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.3 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*84.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*62.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*61.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*93.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*70.5 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*58.9 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*70.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.5 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*54.5 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.9 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*85.0 %*	*25-150*

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0871	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:37	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.4 %*	*30-150*

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:38	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	5.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**6.98**	J+	mg/kg dry	1.59	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**80.7**	J+	mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.053	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**48900**		mg/kg dry	5.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**22.1**		mg/kg dry	0.531	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**9.07**		mg/kg dry	0.425	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**23.7**	J+	mg/kg dry	2.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16100**		mg/kg dry	26.5	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**27.2**	J+	mg/kg dry	0.531	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**17600**	J+	mg/kg dry	5.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**1130**		mg/kg dry	0.531	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**46.5**	J-	mg/kg dry	1.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2300**	J+	mg/kg dry	5.31	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.666**		mg/kg dry	0.531	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**322**	J-	mg/kg dry	53.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**26.0**		mg/kg dry	1.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**59.8**	J+	mg/kg dry	2.65	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0402**		mg/kg dry	0.0319	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:29	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.531	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**22.1**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-5 (6-8) **York Sample ID:** 22I0332-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:15 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	260	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/kg dry	13	26	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	13	26	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**84**		ug/kg dry	13	26	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	26	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	20	39	1	EPA 8260C	09/14/2022 09:00	09/14/2022 13:44	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.0787**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.0916**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.263**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.118**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.771**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.43**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.683**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.04**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.841**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.727**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.163**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.829**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0481**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.624**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.408**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**1.68**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 20:05	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.281	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.358**		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.305**		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.308**		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.281	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:31	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*131 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*93.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.6 %*	*25-150*

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*93.1 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*89.3 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*85.7 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.8 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*163 %*	PFSu-H	*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*104 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*61.6 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*401 %*	PFSu-H	*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*388 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*100 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0381	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00953	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0965	5	EPA 8081B	09/20/2022 08:27	09/22/2022 17:01	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/20/2022 08:27	09/21/2022 22:51	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-140*

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6970**		mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**13.3**	J+	mg/kg dry	1.76	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**4910**	J+	mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.059	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**2.11**		mg/kg dry	0.352	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**69700**		mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.811**		mg/kg dry	0.470	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**22.6**	J+	mg/kg dry	2.35	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12800**		mg/kg dry	29.4	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2400**	J+	mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**10300**	J+	mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**548**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**23.5**	J-	mg/kg dry	1.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1550**	J+	mg/kg dry	5.87	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.680**		mg/kg dry	0.587	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	58.7	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	**Thallium**	**3.28**		mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**2980**	J+	mg/kg dry	2.94	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:05	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-6 (2-4) **York Sample ID:** 22I0332-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:30 am	09/07/2022

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.395**		mg/kg dry	0.0352	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:39	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.587	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.4**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.2**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**3.5**	J	ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**11**	ICVE	ug/kg dry	4.7	9.5	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**14**		ug/kg dry	4.7	9.5	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:12	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.0598**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0565**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.0639**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.191**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.252**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.228**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.127**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.0573**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.339**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.0581**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.875**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0988**	J	mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.130**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.112**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.787**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.712**		mg/kg dry	0.0521	0.104	2	EPA 8270D	09/20/2022 08:30	09/21/2022 12:49	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.6 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 20:40	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.305	1	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.305	1 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 22:44	WEL

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*76.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*74.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*76.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.5 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*97.0 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*66.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*47.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*37.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*33.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*106 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*57.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*80.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*51.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*51.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*57.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*208 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*183 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*70.5 %*		*25-150*

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0411	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0103	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.104	5	EPA 8081B	09/20/2022 08:27	09/22/2022 04:55	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.4 %*	*30-150*

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A	09/20/2022 08:27	09/21/2022 23:05	BJ
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6710**		mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**106**	J+	mg/kg dry	1.90	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**1090**	J+	mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.063	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.380	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**25600**		mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**49.6**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**9.80**		mg/kg dry	0.507	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**102**	J+	mg/kg dry	2.53	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14100**		mg/kg dry	31.7	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1690**	J+	mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2150**	J+	mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**180**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**21.7**	J-	mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1080**	J+	mg/kg dry	6.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**1.28**		mg/kg dry	0.633	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	63.3	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.32	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**470**	J+	mg/kg dry	3.17	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:07	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.58**		mg/kg dry	0.0380	1	EPA 7473	09/23/2022 09:55	09/23/2022 12:48	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.633	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**49.6**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-7 (0-2) **York Sample ID:** 22I0332-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 10:50 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.0**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	71	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/kg dry	3.6	7.1	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.1	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**36**		ug/kg dry	3.6	7.1	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.1	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C	09/14/2022 09:00	09/14/2022 14:39	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.163**		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.0519**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.0626**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 20:58	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**9.84**		ug/kg dry	6.81	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:39	WEL
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*72.8 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*86.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*101 %*	*25-150*

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*93.3 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*25.6 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*59.2 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*67.5 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.1 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*94.2 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*70.5 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*70.8 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*78.6 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.1 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*140 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*171 %*		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*41.7 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00876	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0887	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:14	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:33	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-140*

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2110**		mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.23**	J+	mg/kg dry	1.64	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**81.3**	J+	mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.055	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**5950**		mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.30**		mg/kg dry	0.436	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**26.8**	J+	mg/kg dry	2.18	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**4750**		mg/kg dry	27.3	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**78.6**	J+	mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**618**	J+	mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**45.7**		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**70.7**	J-	mg/kg dry	1.09	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**688**	J+	mg/kg dry	5.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**459**	J-	mg/kg dry	54.5	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	**Thallium**	**3.43**		mg/kg dry	1.13	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**638**		mg/kg dry	1.09	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**118**	J+	mg/kg dry	2.73	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-8 (1-3) **York Sample ID:** 22I0332-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:15 am	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0900**		mg/kg dry	0.0327	1	EPA 7473	09/23/2022 09:55	09/23/2022 13:01	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.3**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**91.7**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**7.9**	ICVE, J	ug/kg dry	5.6	11	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**13**		ug/kg dry	5.6	11	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C	09/14/2022 09:00	09/14/2022 15:06	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*125 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.356**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.53**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.32**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.05**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**1.33**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.157**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.466**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.343**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.01**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.197**		mg/kg dry	0.0543	0.108	2	EPA 8270D	09/20/2022 08:30	09/21/2022 13:50	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.3 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*104 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 21:15	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	8.10	25	EPA 537m	09/09/2022 13:24	09/15/2022 13:52	WEL
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*85.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*69.7 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*80.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*56.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*96.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*32.8 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*64.7 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*42.5 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*39.3 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*75.3 %*	*25-150*

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0416	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00208	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0104	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.105	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:32	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.4 %*	*30-150*

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A	09/20/2022 08:21	09/22/2022 06:46	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	6.49	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**36.9**	J-	mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**43.2**	J+	mg/kg dry	1.95	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**550**	J+	mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.106**	J-	mg/kg dry	0.065	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.390	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**15000**		mg/kg dry	6.49	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**109**		mg/kg dry	0.649	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**24.6**		mg/kg dry	0.519	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**181**	J+	mg/kg dry	2.60	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**185000**		mg/kg dry	3250	100	EPA 6010D	09/13/2022 14:01	09/19/2022 20:20	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**688**	J+	mg/kg dry	0.649	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**11600**	J+	mg/kg dry	6.49	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**792**		mg/kg dry	0.649	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**451**	J-	mg/kg dry	1.30	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2480**	J+	mg/kg dry	6.49	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.649	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**862**	J-	mg/kg dry	64.9	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	**Thallium**	**12.9**		mg/kg dry	1.35	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**3470**		mg/kg dry	1.30	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**425**	J+	mg/kg dry	3.25	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:12	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**47.1**		mg/kg dry	0.0390	1	EPA 7473	09/23/2022 09:55	09/23/2022 13:50	MR
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.649	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**109**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-9 (1-3) **York Sample ID:** 22I0332-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:35 am	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.0**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**3700**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	**1,2-Dichlorobenzene**	**270**	J+	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**570**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	**1,4-Dichlorobenzene**	**970**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND			ug/kg dry	5000	10000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND			ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND			ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	**Chlorobenzene**	**490**	J+	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**2200**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	**Methylcyclohexane**	**770**			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**6700**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**5400**			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**5300**	J+		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**440**	J+	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND			ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
								Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	760	1500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:13	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*130 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	**1,2-Dichlorobenzene**	**0.162**	J+	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	**1,4-Dichlorobenzene**	**0.409**	J+	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**15.9**	J+	mg/kg dry	0.509	1.02	20	EPA 8270D	09/20/2022 08:14	09/23/2022 15:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.836**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND			mg/kg dry	0.203	0.407	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.363**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.132**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.117**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.110**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.0788**	J+	J	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.0901**	J+	J	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.609**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.184**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	**Di-n-butyl phthalate**	**0.0707**	J+	J	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.358**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**1.72**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0650**	J+	J	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.538**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND			mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**2.90**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.558**	J+		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/20/2022 08:14	09/21/2022 14:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*410 %*	S-04	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.9 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.3 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 21:32	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	7.58	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:05	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND	UJ	ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2355-31-9	* N-MeFOSAA	ND	R	ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	7.58	25	EPA 537m Certifications:	09/09/2022 13:24	09/15/2022 14:05	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*70.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*69.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*80.1 %*	*25-150*

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*24.4 %*	PFSu-L	*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*74.0 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*94.2 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*63.0 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*48.8 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.0 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*96.2 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*98.4 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*87.6 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*83.7 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*1.57 %*	PFSu-L	*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*37.7 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.4 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*85.1 %*		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*54.8 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0403	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0101	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.102	5	EPA 8081B	09/20/2022 08:21	09/22/2022 05:50	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	**Aroclor 1260**	**0.0307**	PCB-Q	mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	*** Total PCBs**	**0.0307**		mg/kg dry	0.0203	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:00	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-140*

Sample Information

Client Sample ID: SP-10 (8-10)

York Sample ID: 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7560**		mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**3.99**	J-	mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**12.2**	J+	mg/kg dry	1.84	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**318**	J+	mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.061	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.367	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2860**		mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.490	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**62.7**	J+	mg/kg dry	2.45	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15800**		mg/kg dry	30.6	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1870**	J+	mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3120**	J+	mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**187**		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.5**	J-	mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1630**	J+	mg/kg dry	6.12	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.612	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	61.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.27	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	1.22	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**977**	J+	mg/kg dry	3.06	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-10 (8-10) **York Sample ID:** 22I0332-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 11:55 am	09/07/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**6.22**		mg/kg dry	0.0367	1	EPA 7473	09/23/2022 09:55	09/23/2022 15:49	ZTS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.612	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**81.7**		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**300**	J	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	**1,2-Dichlorobenzene**	**640**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	**1,4-Dichlorobenzene**	**3400**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	5000	10000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	**Chlorobenzene**	**700**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	**Cyclohexane**	**770**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**13000**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	**Methylcyclohexane**	**4900**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**25000**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**29000**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	**o-Xylene**	**530**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	**p- & m- Xylenes**	**590**	J	ug/kg dry	500	1000	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**22000**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**2400**		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	**Xylenes, Total**	**1100**	J	ug/kg dry	760	1500	100	EPA 8260C	09/15/2022 09:00	09/15/2022 13:40	FTR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*185 %*	S-03	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	**1,2-Dichlorobenzene**	**0.0875**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	**1,4-Dichlorobenzene**	**0.488**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**6.51**	J+	mg/kg dry	0.119	0.238	5	EPA 8270D	09/20/2022 08:14	09/22/2022 13:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.471**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.202**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0860**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.129**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0784**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.111**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.0829**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.411**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.114**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.180**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.711**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0685**	J	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.979**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**1.40**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.324**			mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/20/2022 08:14	09/21/2022 17:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.9 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/20/2022 08:19	09/20/2022 21:50	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND	R	ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND	UJ	ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	7.05	25	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
						Certifications:				

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	UJ	ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	7.05	25 Certifications:	EPA 537m	09/09/2022 13:24	09/15/2022 14:18	WEL

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*90.8 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*66.1 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*86.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*70.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*82.6 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*58.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*39.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*6.20 %*	PFSu-L	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*77.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*118 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*99.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*24.2 %*	PFSu-L	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*19.7 %*	PFSu-L	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*83.6 %*		*25-150*

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0376	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00939	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0950	5	EPA 8081B	09/20/2022 08:21	09/22/2022 06:08	BJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.8 %*	*30-150*

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	09/20/2022 08:21	09/22/2022 07:13	BJ
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9960**		mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**6.22**	J-	mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**8.86**	J+	mg/kg dry	1.75	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**122**	J+	mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.058	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**26500**		mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.87**		mg/kg dry	0.466	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**111**	J+	mg/kg dry	2.33	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**20300**		mg/kg dry	29.1	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-11 (10-12) **York Sample ID:** 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**446**	J+	mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2570**	J+	mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**250**		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**20.8**	J-	mg/kg dry	1.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1250**	J+	mg/kg dry	5.82	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**150**	J-	mg/kg dry	58.2	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.16	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**101**	J+	mg/kg dry	2.91	1	EPA 6010D	09/13/2022 14:01	09/19/2022 15:16	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.985**		mg/kg dry	0.0349	1	EPA 7473	09/23/2022 09:55	09/23/2022 16:00	ZTS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/22/2022 14:36	09/22/2022 20:36	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.6**		mg/kg	0.500	1	Calculation	09/23/2022 17:03	09/23/2022 17:10	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-11 (10-12)

York Sample ID: 22I0332-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0332	220058 601-607 Union St., Brooklyn, NY	Soil	September 7, 2022 12:35 pm	09/07/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.9		%	0.100	1	SM 2540G	09/15/2022 14:59	09/16/2022 11:00	LAR
						Certifications:	CTDOH-PH-0723			

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, and bromoform were below the method minimums, but not below 0.010 for VOA No.5 on 08-26-22. No action is taken when fewer than 20% of the compounds per calibration do not meet average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSDs for bromoform and dibromochloromethane were above the allowable maximum (30%) for VOA No.5 on 08-26-22. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 09-13-22 (V5426698.D). The RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, and bromoform were below the method minimums, but not below 0.010 on 09-14-22 (V5426724.D). The RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 09-15-22 (V5426749.D). The %Ds for 5 compounds (marked with a red X on attached FORM VII) were above the method maximum on 09-13-22 (V5426698.D). The %Ds for carbon disulfide, chloromethane, dichlorodifluoromethane, and vinyl chloride were above the method maximum on 09-14-22 (V5426724.D). The %Ds for chloromethane and dichlorodifluoromethane were above the method maximum on 09-15-22 (V5426749.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

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The %Ds for 7 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 09-13-22 (V5426698.D). The %Ds for 1,4-dioxane, acrolein, carbon disulfide, chloromethane, dichlorodifluoromethane, and vinyl chloride were above the allowable maximum (20%) on 09-14-22 (V5426724.D). The %Ds for acrolein, chloromethane, and dichlorodifluoromethane were above the allowable maximum (20%) on 09-15-22 (V5426749.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BI20559-BLK2 contained a trace of methylene chloride (540 ug/kg). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three surrogate recoveries for sample SP-11 (10-12) was above control limits. Positive results for volatiles should be considered estimated, biased high (J+) in sample SP-11 (10-12).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for methylene chloride were above QC limits for soil samples BI20559-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloromethane, dichlorodifluoromethane, and vinyl chloride were above QC limits for soil samples BI20630-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for dichlorodifluoromethane were above QC limits for soil samples BI20730-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for tetrachloroethylene were below QC limits, but not below 10% for soil samples BI20559-BS1/BSD1, BI20630-BS1/BSD1, and BI20730-BS1/BSD1. Positive results for tetrachloroethylene should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1539
Instrument: VOA No. 5
Calibration: YH20028

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BI20730-BS1)			Lab File ID: V5426750.D		Analyzed: 09/15/22 10:30			
SURR: 1,2-Dichloroethane-d4	50.0	99.2	77 - 125	5.386	5.388571	-0.0026	+/-1.00	
SURR: Toluene-d8	50.0	94.1	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	103	76 - 130	10	10.00343	-0.0034	+/-1.00	
LCS Dup (BI20730-BSD1)			Lab File ID: V5426751.D		Analyzed: 09/15/22 10:57			
SURR: 1,2-Dichloroethane-d4	50.0	94.2	77 - 125	5.386	5.388571	-0.0026	+/-1.00	
SURR: Toluene-d8	50.0	95.4	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	104	76 - 130	10	10.00343	-0.0034	+/-1.00	
Blank (BI20730-BLK1)			Lab File ID: V5426752.D		Analyzed: 09/15/22 11:24			
SURR: 1,2-Dichloroethane-d4	50.0	97.8	77 - 125	5.386	5.388571	-0.0026	+/-1.00	
SURR: Toluene-d8	50.0	95.0	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	113	76 - 130	10	10.00343	-0.0034	+/-1.00	
Blank (BI20730-BLK2)			Lab File ID: V5426753.D		Analyzed: 09/15/22 11:51			
SURR: 1,2-Dichloroethane-d4	50.0	92.2	77 - 125	5.382	5.388571	-0.0066	+/-1.00	
SURR: Toluene-d8	50.0	97.0	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	117	76 - 130	10	10.00343	-0.0034	+/-1.00	
SP-1 (8-10) (22I0332-01RE1)			Lab File ID: V5426755.D		Analyzed: 09/15/22 12:45			
SURR: 1,2-Dichloroethane-d4	50.0	96.9	77 - 125	5.386	5.388571	-0.0026	+/-1.00	
SURR: Toluene-d8	50.0	95.4	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	110	76 - 130	10.003	10.00343	-0.0004	+/-1.00	
SP-10 (8-10) (22I0332-10)			Lab File ID: V5426756.D		Analyzed: 09/15/22 13:13			
SURR: 1,2-Dichloroethane-d4	50.0	95.8	77 - 125	5.383	5.388571	-0.0056	+/-1.00	
SURR: Toluene-d8	50.0	92.8	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	130	76 - 130	10	10.00343	-0.0034	+/-1.00	
SP-11 (10-12) (22I0332-11)			Lab File ID: V5426757.D		Analyzed: 09/15/22 13:40			
SURR: 1,2-Dichloroethane-d4	50.0	94.4	77 - 125	5.386	5.388571	-0.0026	+/-1.00	
SURR: Toluene-d8	50.0	98.0	85 - 120	7.222	7.225	-0.0030	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	185	76 - 130	10	10.00343	-0.0034	+/-1.00	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46.6	93.1	75 - 129
1,1,1-Trichloroethane	50.0	52.3	105	71 - 137
1,1,2,2-Tetrachloroethane	50.0	46.8	93.6	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	51.9	104	58 - 146
1,1,2-Trichloroethane	50.0	45.9	91.8	83 - 123
1,1-Dichloroethane	50.0	50.5	101	75 - 130
1,1-Dichloroethylene	50.0	51.0	102	64 - 137
1,2,3-Trichlorobenzene	50.0	52.9	106	81 - 140
1,2,3-Trichloropropane	50.0	48.7	97.3	81 - 126
1,2,4-Trichlorobenzene	50.0	55.7	111	80 - 141
1,2,4-Trimethylbenzene	50.0	49.6	99.2	84 - 125
1,2-Dibromo-3-chloropropane	50.0	49.8	99.6	74 - 142
1,2-Dibromoethane	50.0	49.3	98.6	86 - 123
1,2-Dichlorobenzene	50.0	47.8	95.6	85 - 122
1,2-Dichloroethane	50.0	50.7	101	71 - 133
1,2-Dichloropropane	50.0	47.0	93.9	81 - 122
1,3,5-Trimethylbenzene	50.0	48.0	96.1	82 - 126
1,3-Dichlorobenzene	50.0	50.0	99.9	84 - 124
1,4-Dichlorobenzene	50.0	49.5	99.0	84 - 124
1,4-Dioxane	1050	967	92.1	10 - 228
2-Butanone	50.0	46.1	92.2	58 - 147
2-Hexanone	50.0	42.9	85.9	70 - 139
4-Methyl-2-pentanone	50.0	44.9	89.9	72 - 132
Acetone	50.0	29.6	59.3	36 - 155
Acrolein	50.0	18.0	35.9	10 - 238
Acrylonitrile	50.0	50.3	101	66 - 141
Benzene	50.0	51.5	103	77 - 127
Bromochloromethane	50.0	50.4	101	74 - 129
Bromodichloromethane	50.0	49.0	98.0	81 - 124
Bromoform	50.0	44.3	88.5	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	52.5	105	32 - 177
Carbon disulfide	50.0	61.8	124	10 - 136
Carbon tetrachloride	50.0	49.1	98.3	66 - 143
Chlorobenzene	50.0	49.9	99.8	86 - 120
Chloroethane	50.0	49.0	98.0	51 - 142
Chloroform	50.0	51.5	103	76 - 131
Chloromethane	50.0	48.9	97.8	49 - 132
cis-1,2-Dichloroethylene	50.0	51.1	102	74 - 132
cis-1,3-Dichloropropylene	50.0	46.4	92.9	81 - 129
Cyclohexane	50.0	53.9	108	70 - 130
Dibromochloromethane	50.0	44.8	89.5	10 - 200
Dibromomethane	50.0	46.6	93.1	83 - 124
Dichlorodifluoromethane	50.0	56.5	113	28 - 158
Ethyl Benzene	50.0	47.0	94.1	84 - 125
Hexachlorobutadiene	50.0	50.0	100	83 - 133
Isopropylbenzene	50.0	50.0	100	81 - 127
Methyl acetate	50.0	44.3	88.6	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	52.7	105	74 - 131
Methylcyclohexane	50.0	46.1	92.1	70 - 130
Methylene chloride	50.0	100	200 *	57 - 141
n-Butylbenzene	50.0	47.2	94.4	80 - 130
n-Propylbenzene	50.0	48.0	96.0	74 - 136
o-Xylene	50.0	49.3	98.5	83 - 123
p- & m- Xylenes	100	95.4	95.4	82 - 128
p-Isopropyltoluene	50.0	49.3	98.7	85 - 125
sec-Butylbenzene	50.0	48.4	96.7	83 - 125
Styrene	50.0	46.0	91.9	86 - 126
tert-Butyl alcohol (TBA)	250	260	104	70 - 130
tert-Butylbenzene	50.0	44.9	89.7	80 - 127
Tetrachloroethylene	50.0	39.2	78.4 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	47.2	94.3	85 - 121
trans-1,2-Dichloroethylene	50.0	53.2	106	72 - 132
trans-1,3-Dichloropropylene	50.0	45.1	90.2	78 - 132
trans-1,4-dichloro-2-butene	50.0	47.2	94.5	75 - 135
Trichloroethylene	50.0	49.0	98.0	84 - 123
Trichlorofluoromethane	50.0	48.4	96.9	62 - 140
Vinyl Chloride	50.0	47.3	94.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47.1	94.2	1.13	30	75 - 129
1,1,1-Trichloroethane	50.0	52.0	104	0.480	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	46.2	92.3	1.38	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	51.1	102	1.49	30	58 - 146
1,1,2-Trichloroethane	50.0	46.1	92.1	0.326	30	83 - 123
1,1-Dichloroethane	50.0	50.8	102	0.572	30	75 - 130
1,1-Dichloroethylene	50.0	50.6	101	0.806	30	64 - 137
1,2,3-Trichlorobenzene	50.0	52.1	104	1.47	30	81 - 140
1,2,3-Trichloropropane	50.0	47.9	95.7	1.66	30	81 - 126
1,2,4-Trichlorobenzene	50.0	54.9	110	1.52	30	80 - 141
1,2,4-Trimethylbenzene	50.0	49.8	99.6	0.342	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	48.3	96.7	2.98	30	74 - 142
1,2-Dibromoethane	50.0	48.7	97.3	1.29	30	86 - 123
1,2-Dichlorobenzene	50.0	48.1	96.3	0.730	30	85 - 122
1,2-Dichloroethane	50.0	49.9	99.8	1.53	30	71 - 133
1,2-Dichloropropane	50.0	47.0	93.9	0.0213	30	81 - 122
1,3,5-Trimethylbenzene	50.0	47.9	95.7	0.375	30	82 - 126
1,3-Dichlorobenzene	50.0	50.1	100	0.320	30	84 - 124
1,4-Dichlorobenzene	50.0	50.0	100	0.925	30	84 - 124
1,4-Dioxane	1050	956	91.0	1.12	30	10 - 228
2-Butanone	50.0	45.4	90.8	1.51	30	58 - 147
2-Hexanone	50.0	41.7	83.4	2.91	30	70 - 139
4-Methyl-2-pentanone	50.0	43.9	87.7	2.41	30	72 - 132
Acetone	50.0	28.4	56.8	4.24	30	36 - 155
Acrolein	50.0	17.8	35.6	0.951	30	10 - 238
Acrylonitrile	50.0	48.9	97.9	2.82	30	66 - 141
Benzene	50.0	51.3	103	0.467	30	77 - 127
Bromochloromethane	50.0	49.7	99.4	1.46	30	74 - 129
Bromodichloromethane	50.0	49.1	98.1	0.143	30	81 - 124
Bromoform	50.0	44.6	89.3	0.855	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	51.5	103		1.90	30	32 - 177
Carbon disulfide	50.0	62.5	125		1.13	30	10 - 136
Carbon tetrachloride	50.0	49.4	98.8		0.568	30	66 - 143
Chlorobenzene	50.0	50.2	100		0.579	30	86 - 120
Chloroethane	50.0	48.6	97.2		0.799	30	51 - 142
Chloroform	50.0	51.5	103		0.0194	30	76 - 131
Chloromethane	50.0	47.9	95.9		1.98	30	49 - 132
cis-1,2-Dichloroethylene	50.0	50.8	102		0.471	30	74 - 132
cis-1,3-Dichloropropylene	50.0	46.3	92.6		0.302	30	81 - 129
Cyclohexane	50.0	53.4	107		0.988	30	70 - 130
Dibromochloromethane	50.0	44.5	89.0		0.583	30	10 - 200
Dibromomethane	50.0	47.1	94.2		1.13	30	83 - 124
Dichlorodifluoromethane	50.0	55.7	111		1.55	30	28 - 158
Ethyl Benzene	50.0	47.0	94.0		0.106	30	84 - 125
Hexachlorobutadiene	50.0	50.7	101		1.39	30	83 - 133
Isopropylbenzene	50.0	50.3	101		0.518	30	81 - 127
Methyl acetate	50.0	43.1	86.1		2.86	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	52.6	105		0.152	30	74 - 131
Methylcyclohexane	50.0	46.0	92.1		0.0217	30	70 - 130
Methylene chloride	50.0	97.7	195	*	2.52	30	57 - 141
n-Butylbenzene	50.0	47.4	94.7		0.317	30	80 - 130
n-Propylbenzene	50.0	47.9	95.8		0.188	30	74 - 136
o-Xylene	50.0	49.5	99.0		0.446	30	83 - 123
p- & m- Xylenes	100	95.4	95.4		0.0524	30	82 - 128
p-Isopropyltoluene	50.0	49.7	99.4		0.747	30	85 - 125
sec-Butylbenzene	50.0	48.6	97.3		0.557	30	83 - 125
Styrene	50.0	45.7	91.4		0.589	30	86 - 126
tert-Butyl alcohol (TBA)	250	235	93.9		10.0	30	70 - 130
tert-Butylbenzene	50.0	45.2	90.4		0.733	30	80 - 127
Tetrachloroethylene	50.0	38.7	77.3	*	1.41	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20559	Laboratory ID:	BI20559-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	47.2	94.5	0.191	30	85 - 121
trans-1,2-Dichloroethylene	50.0	53.0	106	0.320	30	72 - 132
trans-1,3-Dichloropropylene	50.0	44.7	89.5	0.801	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	47.5	95.1	0.612	30	75 - 135
Trichloroethylene	50.0	48.9	97.9	0.163	30	84 - 123
Trichlorofluoromethane	50.0	47.3	94.7	2.32	30	62 - 140
Vinyl Chloride	50.0	46.2	92.5	2.27	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48.8	97.5	75 - 129
1,1,1-Trichloroethane	50.0	54.6	109	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.6	97.3	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	55.0	110	58 - 146
1,1,2-Trichloroethane	50.0	47.6	95.3	83 - 123
1,1-Dichloroethane	50.0	51.4	103	75 - 130
1,1-Dichloroethylene	50.0	53.8	108	64 - 137
1,2,3-Trichlorobenzene	50.0	52.7	105	81 - 140
1,2,3-Trichloropropane	50.0	50.1	100	81 - 126
1,2,4-Trichlorobenzene	50.0	54.9	110	80 - 141
1,2,4-Trimethylbenzene	50.0	50.6	101	84 - 125
1,2-Dibromo-3-chloropropane	50.0	51.0	102	74 - 142
1,2-Dibromoethane	50.0	49.9	99.7	86 - 123
1,2-Dichlorobenzene	50.0	48.5	97.1	85 - 122
1,2-Dichloroethane	50.0	51.9	104	71 - 133
1,2-Dichloropropane	50.0	48.6	97.2	81 - 122
1,3,5-Trimethylbenzene	50.0	48.4	96.7	82 - 126
1,3-Dichlorobenzene	50.0	50.3	101	84 - 124
1,4-Dichlorobenzene	50.0	49.9	99.9	84 - 124
1,4-Dioxane	1050	1020	96.8	10 - 228
2-Butanone	50.0	46.0	92.0	58 - 147
2-Hexanone	50.0	45.0	89.9	70 - 139
4-Methyl-2-pentanone	50.0	46.7	93.3	72 - 132
Acetone	50.0	29.8	59.5	36 - 155
Acrolein	50.0	46.0	91.9	10 - 238
Acrylonitrile	50.0	53.5	107	66 - 141
Benzene	50.0	52.7	105	77 - 127
Bromochloromethane	50.0	50.7	101	74 - 129
Bromodichloromethane	50.0	49.1	98.2	81 - 124
Bromoform	50.0	44.8	89.5	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	58.5	117	32 - 177
Carbon disulfide	50.0	68.2	136	10 - 136
Carbon tetrachloride	50.0	51.2	102	66 - 143
Chlorobenzene	50.0	51.3	103	86 - 120
Chloroethane	50.0	59.8	120	51 - 142
Chloroform	50.0	52.2	104	76 - 131
Chloromethane	50.0	69.3	139 *	49 - 132
cis-1,2-Dichloroethylene	50.0	52.4	105	74 - 132
cis-1,3-Dichloropropylene	50.0	46.0	91.9	81 - 129
Cyclohexane	50.0	59.5	119	70 - 130
Dibromochloromethane	50.0	45.5	91.0	10 - 200
Dibromomethane	50.0	48.0	96.0	83 - 124
Dichlorodifluoromethane	50.0	127	254 *	28 - 158
Ethyl Benzene	50.0	48.0	95.9	84 - 125
Hexachlorobutadiene	50.0	50.5	101	83 - 133
Isopropylbenzene	50.0	51.0	102	81 - 127
Methyl acetate	50.0	47.5	95.0	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	53.6	107	74 - 131
Methylcyclohexane	50.0	49.4	98.7	70 - 130
Methylene chloride	50.0	48.1	96.3	57 - 141
n-Butylbenzene	50.0	48.1	96.2	80 - 130
n-Propylbenzene	50.0	49.4	98.8	74 - 136
o-Xylene	50.0	49.8	99.5	83 - 123
p- & m- Xylenes	100	95.7	95.7	82 - 128
p-Isopropyltoluene	50.0	50.0	99.9	85 - 125
sec-Butylbenzene	50.0	50.0	100	83 - 125
Styrene	50.0	48.5	96.9	86 - 126
tert-Butyl alcohol (TBA)	250	247	98.8	70 - 130
tert-Butylbenzene	50.0	46.1	92.3	80 - 127
Tetrachloroethylene	50.0	39.9	79.7 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	48.0	96.0	85 - 121
trans-1,2-Dichloroethylene	50.0	54.8	110	72 - 132
trans-1,3-Dichloropropylene	50.0	45.2	90.5	78 - 132
trans-1,4-dichloro-2-butene	50.0	51.1	102	75 - 135
Trichloroethylene	50.0	49.7	99.4	84 - 123
Trichlorofluoromethane	50.0	54.3	109	62 - 140
Vinyl Chloride	50.0	68.6	137 *	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	49.0	98.0	0.471	30	75 - 129
1,1,1-Trichloroethane	50.0	54.6	109	0.128	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.3	96.5	0.764	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	54.9	110	0.0910	30	58 - 146
1,1,2-Trichloroethane	50.0	47.6	95.2	0.105	30	83 - 123
1,1-Dichloroethane	50.0	51.8	104	0.678	30	75 - 130
1,1-Dichloroethylene	50.0	53.1	106	1.33	30	64 - 137
1,2,3-Trichlorobenzene	50.0	53.2	106	0.907	30	81 - 140
1,2,3-Trichloropropane	50.0	49.5	99.1	1.08	30	81 - 126
1,2,4-Trichlorobenzene	50.0	55.0	110	0.127	30	80 - 141
1,2,4-Trimethylbenzene	50.0	50.8	102	0.355	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	49.3	98.7	3.39	30	74 - 142
1,2-Dibromoethane	50.0	50.6	101	1.35	30	86 - 123
1,2-Dichlorobenzene	50.0	49.0	98.0	0.923	30	85 - 122
1,2-Dichloroethane	50.0	52.2	104	0.557	30	71 - 133
1,2-Dichloropropane	50.0	48.7	97.3	0.144	30	81 - 122
1,3,5-Trimethylbenzene	50.0	48.4	96.8	0.0207	30	82 - 126
1,3-Dichlorobenzene	50.0	51.1	102	1.56	30	84 - 124
1,4-Dichlorobenzene	50.0	50.1	100	0.320	30	84 - 124
1,4-Dioxane	1050	1020	97.2	0.418	30	10 - 228
2-Butanone	50.0	46.3	92.5	0.607	30	58 - 147
2-Hexanone	50.0	43.4	86.8	3.55	30	70 - 139
4-Methyl-2-pentanone	50.0	45.6	91.2	2.30	30	72 - 132
Acetone	50.0	28.0	56.0	6.06	30	36 - 155
Acrolein	50.0	44.3	88.7	3.61	30	10 - 238
Acrylonitrile	50.0	51.9	104	3.19	30	66 - 141
Benzene	50.0	53.0	106	0.586	30	77 - 127
Bromochloromethane	50.0	51.2	102	0.922	30	74 - 129
Bromodichloromethane	50.0	49.8	99.6	1.38	30	81 - 124
Bromoform	50.0	44.8	89.6	0.0670	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	59.2	118	1.29	30	32 - 177
Carbon disulfide	50.0	65.8	132	3.58	30	10 - 136
Carbon tetrachloride	50.0	50.9	102	0.685	30	66 - 143
Chlorobenzene	50.0	51.7	103	0.758	30	86 - 120
Chloroethane	50.0	59.4	119	0.638	30	51 - 142
Chloroform	50.0	52.5	105	0.650	30	76 - 131
Chloromethane	50.0	69.6	139 *	0.461	30	49 - 132
cis-1,2-Dichloroethylene	50.0	53.1	106	1.16	30	74 - 132
cis-1,3-Dichloropropylene	50.0	46.6	93.2	1.34	30	81 - 129
Cyclohexane	50.0	59.1	118	0.674	30	70 - 130
Dibromochloromethane	50.0	46.0	91.9	1.01	30	10 - 200
Dibromomethane	50.0	47.8	95.6	0.459	30	83 - 124
Dichlorodifluoromethane	50.0	126	251 *	1.01	30	28 - 158
Ethyl Benzene	50.0	47.9	95.7	0.188	30	84 - 125
Hexachlorobutadiene	50.0	50.3	101	0.397	30	83 - 133
Isopropylbenzene	50.0	51.2	102	0.509	30	81 - 127
Methyl acetate	50.0	46.9	93.8	1.29	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	53.7	107	0.0932	30	74 - 131
Methylcyclohexane	50.0	49.0	98.0	0.671	30	70 - 130
Methylene chloride	50.0	48.5	97.0	0.766	30	57 - 141
n-Butylbenzene	50.0	48.0	96.1	0.146	30	80 - 130
n-Propylbenzene	50.0	49.3	98.6	0.243	30	74 - 136
o-Xylene	50.0	49.8	99.5	0.00	30	83 - 123
p- & m- Xylenes	100	95.7	95.7	0.0105	30	82 - 128
p-Isopropyltoluene	50.0	50.0	100	0.0200	30	85 - 125
sec-Butylbenzene	50.0	50.1	100	0.160	30	83 - 125
Styrene	50.0	48.7	97.5	0.556	30	86 - 126
tert-Butyl alcohol (TBA)	250	242	97.0	1.81	30	70 - 130
tert-Butylbenzene	50.0	46.3	92.5	0.281	30	80 - 127
Tetrachloroethylene	50.0	39.6	79.2 *	0.654	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20630	Laboratory ID:	BI20630-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	48.3	96.6	0.540	30	85 - 121
trans-1,2-Dichloroethylene	50.0	55.0	110	0.401	30	72 - 132
trans-1,3-Dichloropropylene	50.0	45.4	90.8	0.309	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	51.2	102	0.274	30	75 - 135
Trichloroethylene	50.0	50.1	100	0.821	30	84 - 123
Trichlorofluoromethane	50.0	54.5	109	0.423	30	62 - 140
Vinyl Chloride	50.0	67.7	135 *	1.31	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48.8	97.7	75 - 129
1,1,1-Trichloroethane	50.0	53.8	108	71 - 137
1,1,2,2-Tetrachloroethane	50.0	50.0	100	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52.0	104	58 - 146
1,1,2-Trichloroethane	50.0	48.4	96.8	83 - 123
1,1-Dichloroethane	50.0	51.1	102	75 - 130
1,1-Dichloroethylene	50.0	50.4	101	64 - 137
1,2,3-Trichlorobenzene	50.0	54.1	108	81 - 140
1,2,3-Trichloropropane	50.0	50.0	99.9	81 - 126
1,2,4-Trichlorobenzene	50.0	55.4	111	80 - 141
1,2,4-Trimethylbenzene	50.0	48.8	97.5	84 - 125
1,2-Dibromo-3-chloropropane	50.0	53.5	107	74 - 142
1,2-Dibromoethane	50.0	52.0	104	86 - 123
1,2-Dichlorobenzene	50.0	48.0	96.1	85 - 122
1,2-Dichloroethane	50.0	53.7	107	71 - 133
1,2-Dichloropropane	50.0	47.4	94.8	81 - 122
1,3,5-Trimethylbenzene	50.0	46.0	92.0	82 - 126
1,3-Dichlorobenzene	50.0	49.5	98.9	84 - 124
1,4-Dichlorobenzene	50.0	48.8	97.6	84 - 124
1,4-Dioxane	1050	1030	98.5	10 - 228
2-Butanone	50.0	50.2	100	58 - 147
2-Hexanone	50.0	46.1	92.2	70 - 139
4-Methyl-2-pentanone	50.0	48.2	96.5	72 - 132
Acetone	50.0	30.0	59.9	36 - 155
Acrolein	50.0	45.1	90.3	10 - 238
Acrylonitrile	50.0	55.4	111	66 - 141
Benzene	50.0	52.5	105	77 - 127
Bromochloromethane	50.0	52.7	105	74 - 129
Bromodichloromethane	50.0	49.6	99.2	81 - 124
Bromoform	50.0	47.7	95.4	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	55.6	111	32 - 177
Carbon disulfide	50.0	62.8	126	10 - 136
Carbon tetrachloride	50.0	50.3	101	66 - 143
Chlorobenzene	50.0	50.4	101	86 - 120
Chloroethane	50.0	55.1	110	51 - 142
Chloroform	50.0	52.3	105	76 - 131
Chloromethane	50.0	62.6	125	49 - 132
cis-1,2-Dichloroethylene	50.0	52.5	105	74 - 132
cis-1,3-Dichloropropylene	50.0	47.0	94.1	81 - 129
Cyclohexane	50.0	57.6	115	70 - 130
Dibromochloromethane	50.0	46.6	93.2	10 - 200
Dibromomethane	50.0	48.6	97.2	83 - 124
Dichlorodifluoromethane	50.0	107	215 *	28 - 158
Ethyl Benzene	50.0	46.2	92.3	84 - 125
Hexachlorobutadiene	50.0	49.0	98.0	83 - 133
Isopropylbenzene	50.0	48.2	96.5	81 - 127
Methyl acetate	50.0	50.5	101	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	56.3	113	74 - 131
Methylcyclohexane	50.0	46.7	93.4	70 - 130
Methylene chloride	50.0	49.6	99.3	57 - 141
n-Butylbenzene	50.0	45.5	90.9	80 - 130
n-Propylbenzene	50.0	46.6	93.2	74 - 136
o-Xylene	50.0	48.6	97.1	83 - 123
p- & m- Xylenes	100	92.6	92.6	82 - 128
p-Isopropyltoluene	50.0	47.3	94.6	85 - 125
sec-Butylbenzene	50.0	47.2	94.3	83 - 125
Styrene	50.0	48.0	96.0	86 - 126
tert-Butyl alcohol (TBA)	250	264	105	70 - 130
tert-Butylbenzene	50.0	43.7	87.4	80 - 127
Tetrachloroethylene	50.0	38.3	76.5 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	46.4	92.8	85 - 121
trans-1,2-Dichloroethylene	50.0	54.0	108	72 - 132
trans-1,3-Dichloropropylene	50.0	46.0	92.1	78 - 132
trans-1,4-dichloro-2-butene	50.0	52.6	105	75 - 135
Trichloroethylene	50.0	48.4	96.9	84 - 123
Trichlorofluoromethane	50.0	51.4	103	62 - 140
Vinyl Chloride	50.0	61.5	123	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48.5	97.0	0.678	30	75 - 129
1,1,1-Trichloroethane	50.0	54.2	108	0.704	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	47.6	95.1	5.06	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52.6	105	1.07	30	58 - 146
1,1,2-Trichloroethane	50.0	46.5	93.1	3.88	30	83 - 123
1,1-Dichloroethane	50.0	50.4	101	1.42	30	75 - 130
1,1-Dichloroethylene	50.0	50.6	101	0.475	30	64 - 137
1,2,3-Trichlorobenzene	50.0	53.0	106	2.13	30	81 - 140
1,2,3-Trichloropropane	50.0	48.5	97.0	2.92	30	81 - 126
1,2,4-Trichlorobenzene	50.0	56.1	112	1.36	30	80 - 141
1,2,4-Trimethylbenzene	50.0	50.9	102	4.32	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	50.3	101	6.09	30	74 - 142
1,2-Dibromoethane	50.0	50.2	100	3.46	30	86 - 123
1,2-Dichlorobenzene	50.0	48.3	96.7	0.602	30	85 - 122
1,2-Dichloroethane	50.0	50.8	102	5.38	30	71 - 133
1,2-Dichloropropane	50.0	47.4	94.8	0.0633	30	81 - 122
1,3,5-Trimethylbenzene	50.0	48.4	96.9	5.10	30	82 - 126
1,3-Dichlorobenzene	50.0	50.9	102	2.85	30	84 - 124
1,4-Dichlorobenzene	50.0	50.2	100	2.89	30	84 - 124
1,4-Dioxane	1050	941	89.7	9.36	30	10 - 228
2-Butanone	50.0	45.2	90.5	10.3	30	58 - 147
2-Hexanone	50.0	40.4	80.8	13.1	30	70 - 139
4-Methyl-2-pentanone	50.0	43.8	87.5	9.72	30	72 - 132
Acetone	50.0	26.4	52.9	12.4	30	36 - 155
Acrolein	50.0	40.4	80.8	11.1	30	10 - 238
Acrylonitrile	50.0	49.5	98.9	11.3	30	66 - 141
Benzene	50.0	52.3	105	0.420	30	77 - 127
Bromochloromethane	50.0	50.0	100	5.16	30	74 - 129
Bromodichloromethane	50.0	49.0	98.0	1.20	30	81 - 124
Bromoform	50.0	44.0	88.1	7.98	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	55.3	111		0.631	30	32 - 177
Carbon disulfide	50.0	63.6	127		1.30	30	10 - 136
Carbon tetrachloride	50.0	50.9	102		1.19	30	66 - 143
Chlorobenzene	50.0	50.9	102		0.987	30	86 - 120
Chloroethane	50.0	55.1	110		0.0363	30	51 - 142
Chloroform	50.0	51.7	103		1.29	30	76 - 131
Chloromethane	50.0	61.6	123		1.63	30	49 - 132
cis-1,2-Dichloroethylene	50.0	51.6	103		1.58	30	74 - 132
cis-1,3-Dichloropropylene	50.0	46.4	92.7		1.46	30	81 - 129
Cyclohexane	50.0	57.9	116		0.571	30	70 - 130
Dibromochloromethane	50.0	45.8	91.5		1.80	30	10 - 200
Dibromomethane	50.0	46.6	93.1		4.29	30	83 - 124
Dichlorodifluoromethane	50.0	108	216	*	0.594	30	28 - 158
Ethyl Benzene	50.0	47.0	93.9		1.72	30	84 - 125
Hexachlorobutadiene	50.0	51.1	102		4.18	30	83 - 133
Isopropylbenzene	50.0	50.8	102		5.17	30	81 - 127
Methyl acetate	50.0	45.1	90.3		11.2	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	53.4	107		5.25	30	74 - 131
Methylcyclohexane	50.0	48.4	96.9		3.66	30	70 - 130
Methylene chloride	50.0	47.6	95.1		4.30	30	57 - 141
n-Butylbenzene	50.0	47.8	95.5		4.91	30	80 - 130
n-Propylbenzene	50.0	49.2	98.3		5.39	30	74 - 136
o-Xylene	50.0	49.0	98.0		0.922	30	83 - 123
p- & m- Xylenes	100	94.2	94.2		1.72	30	82 - 128
p-Isopropyltoluene	50.0	50.0	99.9		5.47	30	85 - 125
sec-Butylbenzene	50.0	49.8	99.5		5.36	30	83 - 125
Styrene	50.0	48.0	96.0		0.0417	30	86 - 126
tert-Butyl alcohol (TBA)	250	238	95.2		10.2	30	70 - 130
tert-Butylbenzene	50.0	46.0	92.1		5.26	30	80 - 127
Tetrachloroethylene	50.0	39.5	78.9	*	3.11	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20730	Laboratory ID:	BI20730-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	47.1	94.2	1.54	30	85 - 121
trans-1,2-Dichloroethylene	50.0	54.0	108	0.0741	30	72 - 132
trans-1,3-Dichloropropylene	50.0	44.9	89.8	2.55	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	50.0	100	5.16	30	75 - 135
Trichloroethylene	50.0	49.5	99.0	2.18	30	84 - 123
Trichlorofluoromethane	50.0	52.1	104	1.18	30	62 - 140
Vinyl Chloride	50.0	62.0	124	0.762	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil	Laboratory ID:	BI20559-BLK2	File ID:	V5426702.D
Prepared:	09/13/22 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	09/13/22 12:21	Instrument:	VOA No. 5		
Batch:	BI20559	Sequence:	Y2I1324	Calibration:	YH20028

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	500	U
71-55-6	1,1,1-Trichloroethane	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	500	U
79-00-5	1,1,2-Trichloroethane	500	U
75-34-3	1,1-Dichloroethane	500	U
75-35-4	1,1-Dichloroethylene	500	U
87-61-6	1,2,3-Trichlorobenzene	500	U
96-18-4	1,2,3-Trichloropropane	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
95-63-6	1,2,4-Trimethylbenzene	500	U
96-12-8	1,2-Dibromo-3-chloropropane	500	U
106-93-4	1,2-Dibromoethane	500	U
95-50-1	1,2-Dichlorobenzene	500	U
107-06-2	1,2-Dichloroethane	500	U
78-87-5	1,2-Dichloropropane	500	U
108-67-8	1,3,5-Trimethylbenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
123-91-1	1,4-Dioxane	10000	U
78-93-3	2-Butanone	500	U
591-78-6	2-Hexanone	500	U
108-10-1	4-Methyl-2-pentanone	500	U
67-64-1	Acetone	1000	U
107-02-8	Acrolein	1000	U
107-13-1	Acrylonitrile	500	U
71-43-2	Benzene	500	U
74-97-5	Bromochloromethane	500	U
75-27-4	Bromodichloromethane	500	U
75-25-2	Bromoform	500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil	Laboratory ID:	BI20559-BLK2	File ID:	V5426702.D
Prepared:	09/13/22 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	09/13/22 12:21	Instrument:	VOA No. 5		
Batch:	BI20559	Sequence:	Y2I1324	Calibration:	YH20028

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
74-83-9	Bromomethane	500	U
75-15-0	Carbon disulfide	500	U
56-23-5	Carbon tetrachloride	500	U
108-90-7	Chlorobenzene	500	U
75-00-3	Chloroethane	500	U
67-66-3	Chloroform	500	U
74-87-3	Chloromethane	500	U
156-59-2	cis-1,2-Dichloroethylene	500	U
10061-01-5	cis-1,3-Dichloropropylene	500	U
110-82-7	Cyclohexane	500	U
124-48-1	Dibromochloromethane	500	U
74-95-3	Dibromomethane	500	U
75-71-8	Dichlorodifluoromethane	500	U
100-41-4	Ethyl Benzene	500	U
87-68-3	Hexachlorobutadiene	500	U
98-82-8	Isopropylbenzene	500	U
79-20-9	Methyl acetate	500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	500	U
108-87-2	Methylcyclohexane	500	U
75-09-2	Methylene chloride	540	JD
104-51-8	n-Butylbenzene	500	U
103-65-1	n-Propylbenzene	500	U
95-47-6	o-Xylene	500	U
179601-23-1	p- & m- Xylenes	1000	U
99-87-6	p-Isopropyltoluene	500	U
135-98-8	sec-Butylbenzene	500	U
100-42-5	Styrene	500	U
75-65-0	tert-Butyl alcohol (TBA)	500	U
98-06-6	tert-Butylbenzene	500	U
127-18-4	Tetrachloroethylene	500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil	Laboratory ID:	BI20559-BLK2	File ID:	V5426702.D
Prepared:	09/13/22 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	09/13/22 12:21	Instrument:	VOA No. 5		
Batch:	BI20559	Sequence:	Y2I1324	Calibration:	YH20028

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
108-88-3	Toluene	500	U
156-60-5	trans-1,2-Dichloroethylene	500	U
10061-02-6	trans-1,3-Dichloropropylene	500	U
110-57-6	trans-1,4-dichloro-2-butene	500	U
79-01-6	Trichloroethylene	500	U
75-69-4	Trichlorofluoromethane	500	U
75-01-4	Vinyl Chloride	500	U
1330-20-7	Xylenes, Total	1500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	48.2	96.4	77 - 125	D
SURR: p-Bromofluorobenzene	50.0	56.5	113	76 - 130	D
SURR: Toluene-d8	50.0	48.2	96.4	85 - 120	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	291095	11.691	319436	11.691	
ISTD: Chlorobenzene-d5	699440	8.72	680008	8.72	
ISTD: Fluorobenzene	144812	5.691	138434	5.688	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YH20028
Instrument: VOA No. 5
Calibration Date: 08/26/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2176342	27.09894	8.849714	2.184847E-02		0.9998614	0.99	
1,1,1-Trichloroethane	1.54708	16.04147	5.086429	2.575021E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3629748	4.787443	10.14229	8.243152E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.414922	6.789712	2.955	5.461193E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1520228	5.953295	7.721286	1.916524E-02			SPCC (0.1)	
1,1-Dichloroethane	1.716793	8.971028	4.084429	4.232833E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.737635	2.676126	2.942857	4.385669E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.473885	11.08183	5.232714	4.213596E-02			20	
1,2,3-Trichlorobenzene	0.4222027	6.718779	14.09429	5.842757E-03			20	
1,2,3-Trichloropropane	0.1167425	7.486577	10.20486	8.661228E-03			20	
1,2,3-Trimethylbenzene	1.932158	8.154931	11.34829	1.183834E-02			20	
1,2,4,5-Tetramethylbenzene	1.924576	18.97826	12.56786	1.272621E-02			20	
1,2,4-Trichlorobenzene	0.4754568	8.656829	13.546	2.097951E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.096761	5.361645	10.89	1.472021E-02			20	
1,2-Dibromo-3-chloropropane	4.404267E-02	18.22637	12.60357	2.304914E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1426238	11.67764	8.240572	1.810561E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.118623	5.40032	11.71629	2.295133E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9523808	4.85072	5.460857	2.514111E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2079884	8.412217	6.283	1.301784E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.244137	5.097102	10.47414	2.961306E-02			20	
1,3-Dichlorobenzene	1.157399	3.137601	11.20557	1.647762E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2406525	5.519556	7.888857	2.170706E-02			20	
1,4-Dichlorobenzene	1.155949	2.584811	11.32186	6.647338E-03			SPCC (0.5)	
1,4-Dioxane	1.538284E-03	11.74775	6.349571	3.365009E-02			20	
2,2-Dichloropropane	1.224663	24.91809	4.619857	0.0676709		0.9992781	0.99	
2-Butanone	8.926571E-02	19.00333	4.593143	3.879935E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	6.143302E-02	22.64869	6.797	0.0231816		0.999591	0.99	
2-Chlorotoluene	1.679977	2.850111	10.367	6.070734E-03			20	
2-Hexanone	0.1011812	14.55454	7.930286	1.316499E-02			SPCC (0.1)	
4-Chlorotoluene	1.892207	3.316917	10.502	1.884097E-02			20	
4-Methyl-2-pentanone	0.1330351	13.66461	7.087857	1.512854E-02			SPCC (0.1)	
Acetone	0.3562292	16.04401	2.973571	0.069282			SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YH20028
Instrument: VOA No. 5
Calibration Date: 08/26/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	0.130755	15.4622	2.8415	4.854937E-02		0.9996081	0.99	
Acrylonitrile	0.212322	6.924592	3.617143	5.357404E-02			20	
Allyl chloride	0.4385562	6.243728	3.280286	7.143889E-02			20	
Benzene	4.171245	8.8881	5.415	1.916913E-02			SPCC (0.5)	
Bromobenzene	0.7834255	3.039776	10.15529	1.801171E-02			20	
Bromochloromethane	0.7164609	6.836542	4.829571	4.228352E-02			20	
Bromodichloromethane	0.2153879	18.73791	6.531143	3.022067E-02			SPCC (0.2)	
Bromoform	0.0691413	34.75122	9.6265	1.372492E-02		0.9986748	SPCC (0.1)	
Bromomethane	0.9737782	7.873232	2.085143	0.0852267			SPCC (0.1)	
Carbon disulfide	2.328308	18.9298	3.157857	4.561831E-02			SPCC (0.1)	
Carbon tetrachloride	1.458989	24.16339	5.236714	4.368431E-02		0.9996423	SPCC (0.1)	
Chlorobenzene	0.6482556	9.83258	8.752857	2.015715E-02			SPCC (0.5)	
Chloroethane	0.8332047	4.408265	2.196	7.733042E-02			SPCC (0.1)	
Chloroform	1.64656	8.01048	4.922428	2.977745E-02			SPCC (0.2)	
Chloromethane	1.187341	2.709447	1.661571	6.701141E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.527202	11.28555	4.611	3.864536E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.2559061	22.18892	6.958857	0.0132468		0.9996205	SPCC (0.2)	
Cyclohexane	1.726126	15.33626	5.164	6.009042E-02			SPCC (0.1)	
Dibromochloromethane	0.1554695	30.22991	8.112857	3.413952E-03		0.9995159	SPCC (0.1)	
Dibromomethane	0.1021824	7.20106	6.364714	2.361609E-02			20	
Dichlorodifluoromethane	0.5736041	4.608187	1.4955	7.916396E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.802078	12.36586	4.119429	4.902917E-02			20	
Ethanol	7.875245E-03	8.582932	2.601	6.851256E-02			20	
Ethyl Benzene	1.220974	15.27857	8.855857	1.693146E-02			SPCC (0.1)	
Ethyl tert-butyl ether (ETBE)	2.121524	18.11853	4.456714	6.468464E-02			20	
Hexachlorobutadiene	0.271408	3.63461	13.71871	1.388308E-02			20	
Iodomethane	1.462503	17.50856	3.083167	5.369097E-02		0.9987641	0.99	
Isopropylbenzene	2.567821	9.492222	9.809572	4.432462E-03			SPCC (0.1)	
Methyl acetate	0.4385562	6.243728	3.280286	7.143889E-02			SPCC (0.1)	
Methyl Methacrylate	9.678027E-02	11.22638	6.326286	3.860395E-02			20	
Methyl tert-butyl ether (MTBE)	1.660564	16.07031	3.672857	3.988118E-02			SPCC (0.1)	
Methylcyclohexane	0.4426961	14.7332	6.273	1.830676E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YH20028
Instrument: VOA No. 5
Calibration Date: 08/26/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methylene chloride	1.338444	15.85937	3.413571	5.341048E-02			SPCC (0.1)	
Naphthalene	1.160965	15.49828	13.83986	1.257932E-02			20	
n-Butylbenzene	2.979845	5.437172	11.70871	1.712552E-02			20	
n-Propylbenzene	3.067063	4.939879	10.27043	5.204578E-03			20	
o-Xylene	0.8847369	18.11906	9.408857	2.370355E-02			SPCC (0.3)	
p- & m- Xylenes	0.9419275	15.43898	8.996571	2.721511E-02			SPCC (0.1)	
p-Diethylbenzene	1.465041	11.06233	11.683	9.417237E-03			20	
p-Ethyltoluene	2.380326	6.333479	10.408	1.146524E-02			20	
p-Isopropyltoluene	2.693881	8.042345	11.25086	1.039559E-02			20	
sec-Butylbenzene	3.047435	6.551208	11.07486	1.209069E-02			20	
Styrene	0.7379019	20.1964	9.429714	2.052052E-02		0.9996904	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.168377	1.799408	5.388571	2.364889E-02			20	
SURR: p-Bromofluorobenzene	0.8641872	11.3821	10.00343	6.032225E-03			20	
SURR: Toluene-d8	1.235061	1.950896	7.225	1.541605E-02			20	
tert-Amyl alcohol (TAA)	3.753506E-02	29.62581	5.413429	4.790758E-02		0.9994471	0.99	
tert-Amyl methyl ether (TAME)	1.709315	19.84543	5.536572	1.952947E-02			20	
tert-Butyl alcohol (TBA)	5.172777E-02	15.29734	3.509714	9.827864E-02			20	
tert-Butylbenzene	2.200979	10.06041	10.82343	1.294704E-02			20	
Tetrachloroethylene	0.3233739	12.71558	7.822	3.615495E-02			SPCC (0.2)	
Tetrahydrofuran	0.1718879	10.68515	4.852857	4.793644E-02			20	
Toluene	1.05753	9.299335	7.294714	0.025985			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.41228	8.995044	3.677571	3.560115E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.203612	27.29276	7.521286	3.196224E-02		0.9994258	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.3403693	8.194432	10.20443	1.382842E-02			20	
Trichloroethylene	0.2418077	8.433048	6.038571	3.220432E-02			SPCC (0.2)	
Trichlorofluoromethane	2.278167	7.394423	2.446143	6.005982E-02			SPCC (0.1)	
Vinyl acetate	0.9075576	17.92192	4.080667	3.182536E-02		0.9972882	0.99	
Vinyl Chloride	1.274819	6.746402	1.771429	0.0861471			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426698.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1324	Injection Date:	09/13/22
Lab Sample ID:	Y2I1324-CCV1	Injection Time:	10:19

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	48.9	0.2176342	0.2112828		-2.2	20
1,1,1-Trichloroethane	A	50.0	55.0	1.54708	1.703129	0.1	10.1	20
1,1,2,2-Tetrachloroethane	A	50.0	45.6	0.3629748	0.3308456	0.3	-8.9	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	54.9	1.414922	1.554741	0.1	9.9	20
1,1,2-Trichloroethane	A	50.0	47.2	0.1520228	0.1433777	0.1	-5.7	20
1,1-Dichloroethane	A	50.0	53.9	1.716793	1.849257	0.2	7.7	20
1,1-Dichloroethylene	A	50.0	56.3	1.737635	1.956738	0.1	12.6	20
1,2,3-Trichlorobenzene	A	50.0	52.4	0.4222027	0.4422075		4.7	20
1,2,3-Trichloropropane	A	50.0	46.3	0.1167425	0.1080248		-7.5	20
1,2,4-Trichlorobenzene	A	50.0	55.7	0.4754568	0.5295677	0.2	11.4	20
1,2,4-Trimethylbenzene	A	50.0	53.2	2.096761	2.231859		6.4	20
1,2-Dibromo-3-chloropropane	A	50.0	48.2	4.404267E-02	0.0424373	0.05 *	-3.6	20
1,2-Dibromoethane	A	50.0	48.2	0.1426238	0.1375778	0.1	-3.5	20
1,2-Dichlorobenzene	A	50.0	49.3	1.118623	1.102111	0.4	-1.5	20
1,2-Dichloroethane	A	50.0	50.7	0.9523808	0.9662727	0.1	1.5	20
1,2-Dichloropropane	A	50.0	48.2	0.2079884	0.2007182	0.1	-3.5	20
1,3,5-Trimethylbenzene	A	50.0	52.6	2.244137	2.359211		5.1	20
1,3-Dichlorobenzene	A	50.0	53.3	1.157399	1.233684	0.6	6.6	20
1,4-Dichlorobenzene	A	50.0	52.8	1.155949	1.219844	0.5	5.5	20
1,4-Dioxane	A	1000	771	1.538284E-03	1.185868E-03		-22.9	20 *
2-Butanone	A	50.0	49.3	8.926571E-02	8.799861E-02	0.1	-1.4	20
2-Hexanone	A	50.0	43.6	0.1011812	8.821367E-02	0.1	-12.8	20
4-Methyl-2-pentanone	A	50.0	50.3	0.1330351	0.1337425	0.1	0.5	20
Acetone	A	50.0	44.5	0.3562292	0.3171981	0.1	-11.0	20
Acrolein	A	50.0	62.7	0.130755	0.1771169		25.5	20 *
Acrylonitrile	A	50.0	46.8	0.212322	0.1989396		-6.3	20
Benzene	A	50.0	53.5	4.171245	4.466822	0.5	7.1	20
Bromochloromethane	A	50.0	50.3	0.7164609	0.7211812		0.7	20
Bromodichloromethane	A	50.0	50.6	0.2153879	0.2179607	0.2	1.2	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426698.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1324	Injection Date:	09/13/22
Lab Sample ID:	Y2I1324-CCV1	Injection Time:	10:19

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	40.9	0.0691413	5.990812E-02	0.1	-18.2	20	
Bromomethane	A	50.0	56.0	0.9737782	1.091379	0.1	12.1	20	
Carbon disulfide X	A	50.0	62.9	2.328308	2.9285	0.1	25.8	20	*
Carbon tetrachloride	A	50.0	51.5	1.458989	1.565959	0.1	3.0	20	
Chlorobenzene	A	50.0	49.6	0.6482556	0.6431233	0.5	-0.8	20	
Chloroethane	A	50.0	55.7	0.8332047	0.928912	0.1	11.5	20	
Chloroform	A	50.0	53.5	1.64656	1.761273	0.2	7.0	20	
Chloromethane X	A	50.0	68.3	1.187341	1.621184	0.1	36.5	20	*
cis-1,2-Dichloroethylene	A	50.0	53.7	1.527202	1.640782	0.1	7.4	20	
cis-1,3-Dichloropropylene	A	50.0	47.8	0.2559061	0.2684189	0.2	-4.3	20	
Cyclohexane X	A	50.0	61.0	1.726126	2.106311	0.1	22.0	20	*
Dibromochloromethane	A	50.0	45.0	0.1554695	0.1533085	0.1	-10.0	20	
Dibromomethane	A	50.0	47.3	0.1021824	9.675474E-02		-5.3	20	
Dichlorodifluoromethane X	A	50.0	107	0.5736041	1.214124	0.1	112	20	*
Ethyl Benzene	A	50.0	49.6	1.220974	1.210959	0.1	-0.8	20	
Hexachlorobutadiene	A	50.0	53.4	0.271408	0.2900237		6.9	20	
Isopropylbenzene	A	50.0	53.2	2.567821	2.734269	0.1	6.5	20	
Methyl acetate	A	50.0	46.4	0.4385562	0.4069954	0.1	-7.2	20	
Methyl tert-butyl ether (MTBE)	A	50.0	51.9	1.660564	1.72475	0.1	3.9	20	
Methylcyclohexane	A	50.0	53.2	0.4426961	0.4709298	0.1	6.4	20	
Methylene chloride	A	50.0	58.7	1.338444	1.572078	0.1	17.5	20	
n-Butylbenzene	A	50.0	52.5	2.979845	3.130787		5.1	20	
n-Propylbenzene	A	50.0	52.7	3.067063	3.230109		5.3	20	
o-Xylene	A	50.0	51.0	0.8847369	0.9015762	0.3	1.9	20	
p- & m- Xylenes	A	100	100	0.9419275	0.9422882	0.1	0.04	20	
p-Isopropyltoluene	A	50.0	53.6	2.693881	2.889947		7.3	20	
sec-Butylbenzene	A	50.0	52.8	3.047435	3.214779		5.5	20	
Styrene	A	50.0	48.0	0.7379019	0.7393163	0.3	-4.1	20	
tert-Butyl alcohol (TBA)	A	250	214	5.172777E-02	4.431859E-02		-14.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426698.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1324	Injection Date:	09/13/22
Lab Sample ID:	Y2I1324-CCV1	Injection Time:	10:19

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	53.2	2.200979	2.34106		6.4	20
Tetrachloroethylene	A	50.0	49.2	0.3233739	0.318533	0.2	-1.5	20
Toluene	A	50.0	49.7	1.05753	1.050486	0.4	-0.7	20
trans-1,2-Dichloroethylene	A	50.0	56.5	1.41228	1.596169	0.1	13.0	20
trans-1,3-Dichloropropylene	A	50.0	45.3	0.203612	0.2060152	0.1	-9.3	20
trans-1,4-dichloro-2-butene	A	50.0	46.8	0.3403693	0.3182171		-6.5	20
Trichloroethylene	A	50.0	52.0	0.2418077	0.251572	0.2	4.0	20
Trichlorofluoromethane	A	50.0	55.0	2.278167	2.507686	0.1	10.1	20
Vinyl Chloride X	A	50.0	62.8	1.274819	1.602273	0.1	25.7	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426724.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1509	Injection Date:	09/14/22
Lab Sample ID:	Y2I1509-CCV1	Injection Time:	09:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	48.8	0.2176342	0.2109611		-2.3	20	
1,1,1-Trichloroethane	A	50.0	56.0	1.54708	1.733715	0.1	12.1	20	
1,1,2,2-Tetrachloroethane	A	50.0	47.2	0.3629748	0.3429329	0.3	-5.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	55.0	1.414922	1.555125	0.1	9.9	20	
1,1,2-Trichloroethane	A	50.0	48.0	0.1520228	0.1458593	0.1	-4.1	20	
1,1-Dichloroethane	A	50.0	54.6	1.716793	1.876358	0.2	9.3	20	
1,1-Dichloroethylene	A	50.0	56.7	1.737635	1.971138	0.1	13.4	20	
1,2,3-Trichlorobenzene	A	50.0	51.3	0.4222027	0.4330938		2.6	20	
1,2,3-Trichloropropane	A	50.0	48.2	0.1167425	0.1125349		-3.6	20	
1,2,4-Trichlorobenzene	A	50.0	55.1	0.4754568	0.5239479	0.2	10.2	20	
1,2,4-Trimethylbenzene	A	50.0	52.5	2.096761	2.200084		4.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	51.2	4.404267E-02	4.509148E-02	0.05	2.4	20	
1,2-Dibromoethane	A	50.0	48.9	0.1426238	0.1394601	0.1	-2.2	20	
1,2-Dichlorobenzene	A	50.0	49.0	1.118623	1.097266	0.4	-1.9	20	
1,2-Dichloroethane	A	50.0	51.3	0.9523808	0.9765492	0.1	2.5	20	
1,2-Dichloropropane	A	50.0	48.5	0.2079884	0.2016351	0.1	-3.1	20	
1,3,5-Trimethylbenzene	A	50.0	52.5	2.244137	2.355101		4.9	20	
1,3-Dichlorobenzene	A	50.0	52.6	1.157399	1.216733	0.6	5.1	20	
1,4-Dichlorobenzene	A	50.0	51.8	1.155949	1.197844	0.5	3.6	20	
1,4-Dioxane	A	1000	790	1.538284E-03	1.215075E-03		-21.0	20	*
2-Butanone	A	50.0	51.7	8.926571E-02	9.232012E-02	0.1	3.4	20	
2-Hexanone	A	50.0	49.7	0.1011812	0.100643	0.1	-0.5	20	
4-Methyl-2-pentanone	A	50.0	47.3	0.1330351	0.1257831	0.1	-5.5	20	
Acetone	A	50.0	45.6	0.3562292	0.3246549	0.1	-8.9	20	
Acrolein	A	50.0	65.4	0.130755	0.1846182		30.7	20	*
Acrylonitrile	A	50.0	49.4	0.212322	0.21		-1.1	20	
Benzene	A	50.0	54.4	4.171245	4.536909	0.5	8.8	20	
Bromochloromethane	A	50.0	51.6	0.7164609	0.7388399		3.1	20	
Bromodichloromethane	A	50.0	50.5	0.2153879	0.2175378	0.2	1.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426724.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1509	Injection Date:	09/14/22
Lab Sample ID:	Y2I1509-CCV1	Injection Time:	09:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	41.7	0.0691413	6.114273E-02	0.1	-16.6	20	
Bromomethane	A	50.0	55.4	0.9737782	1.077885	0.1	10.7	20	
Carbon disulfide	A	50.0	65.1	2.328308	3.032225	0.1	30.2	20	*
Carbon tetrachloride	A	50.0	52.9	1.458989	1.609559	0.1	5.8	20	
Chlorobenzene	A	50.0	49.6	0.6482556	0.6432491	0.5	-0.8	20	
Chloroethane	A	50.0	56.0	0.8332047	0.9335169	0.1	12.0	20	
Chloroform	A	50.0	53.3	1.64656	1.755786	0.2	6.6	20	
Chloromethane	A	50.0	68.4	1.187341	1.625396	0.1	36.9	20	*
cis-1,2-Dichloroethylene	A	50.0	55.0	1.527202	1.678767	0.1	9.9	20	
cis-1,3-Dichloropropylene	A	50.0	48.1	0.2559061	0.2698086	0.2	-3.8	20	
Cyclohexane	A	50.0	55.3	1.726126	1.910272	0.1	10.7	20	
Dibromochloromethane	A	50.0	45.3	0.1554695	0.1543394	0.1	-9.4	20	
Dibromomethane	A	50.0	48.9	0.1021824	9.995534E-02		-2.2	20	
Dichlorodifluoromethane	A	50.0	105	0.5736041	1.189934	0.1	107	20	*
Ethyl Benzene	A	50.0	50.1	1.220974	1.22314	0.1	0.2	20	
Hexachlorobutadiene	A	50.0	51.6	0.271408	0.280181		3.2	20	
Isopropylbenzene	A	50.0	53.7	2.567821	2.759135	0.1	7.5	20	
Methyl acetate	A	50.0	49.3	0.4385562	0.4322907	0.1	-1.4	20	
Methyl tert-butyl ether (MTBE)	A	50.0	53.5	1.660564	1.778216	0.1	7.1	20	
Methylcyclohexane	A	50.0	53.5	0.4426961	0.4739815	0.1	7.1	20	
Methylene chloride	A	50.0	49.4	1.338444	1.323583	0.1	-1.1	20	
n-Butylbenzene	A	50.0	52.1	2.979845	3.102893		4.1	20	
n-Propylbenzene	A	50.0	52.9	3.067063	3.244542		5.8	20	
o-Xylene	A	50.0	50.8	0.8847369	0.8990479	0.3	1.6	20	
p- & m- Xylenes	A	100	100	0.9419275	0.9459997	0.1	0.4	20	
p-Isopropyltoluene	A	50.0	53.4	2.693881	2.874711		6.7	20	
sec-Butylbenzene	A	50.0	52.7	3.047435	3.210526		5.4	20	
Styrene	A	50.0	48.0	0.7379019	0.740671	0.3	-3.9	20	
tert-Butyl alcohol (TBA)	A	250	217	5.172777E-02	4.491189E-02		-13.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426724.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1509	Injection Date:	09/14/22
Lab Sample ID:	Y2I1509-CCV1	Injection Time:	09:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	54.1	2.200979	2.380774		8.2	20	
Tetrachloroethylene	A	50.0	45.8	0.3233739	0.2965163	0.2	-8.3	20	
Toluene	A	50.0	50.3	1.05753	1.062934	0.4	0.5	20	
trans-1,2-Dichloroethylene	A	50.0	57.0	1.41228	1.608568	0.1	13.9	20	
trans-1,3-Dichloropropylene	A	50.0	45.9	0.203612	0.2087235	0.1	-8.2	20	
trans-1,4-dichloro-2-butene	A	50.0	47.5	0.3403693	0.3232213		-5.0	20	
Trichloroethylene	A	50.0	51.7	0.2418077	0.2501331	0.2	3.4	20	
Trichlorofluoromethane	A	50.0	54.7	2.278167	2.492445	0.1	9.4	20	
Vinyl Chloride	A	50.0	61.9	1.274819	1.578429	0.1	23.8	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426749.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1539	Injection Date:	09/15/22
Lab Sample ID:	Y2I1539-CCV1	Injection Time:	09:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	47.5	0.2176342	0.2048774		-5.0	20	
1,1,1-Trichloroethane	A	50.0	50.9	1.54708	1.574231	0.1	1.8	20	
1,1,2,2-Tetrachloroethane	A	50.0	46.6	0.3629748	0.3380569	0.3	-6.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	47.7	1.414922	1.349773	0.1	-4.6	20	
1,1,2-Trichloroethane	A	50.0	47.8	0.1520228	0.1453417	0.1	-4.4	20	
1,1-Dichloroethane	A	50.0	51.4	1.716793	1.76572	0.2	2.8	20	
1,1-Dichloroethylene	A	50.0	49.9	1.737635	1.734649	0.1	-0.2	20	
1,2,3-Trichlorobenzene	A	50.0	52.8	0.4222027	0.4459945		5.6	20	
1,2,3-Trichloropropane	A	50.0	48.8	0.1167425	0.1139613		-2.4	20	
1,2,4-Trichlorobenzene	A	50.0	54.6	0.4754568	0.5192918	0.2	9.2	20	
1,2,4-Trimethylbenzene	A	50.0	46.6	2.096761	1.953214		-6.8	20	
1,2-Dibromo-3-chloropropane	A	50.0	52.7	4.404267E-02	4.643738E-02	0.05	5.4	20	
1,2-Dibromoethane	A	50.0	50.0	0.1426238	0.1426697	0.1	0.03	20	
1,2-Dichlorobenzene	A	50.0	46.1	1.118623	1.031134	0.4	-7.8	20	
1,2-Dichloroethane	A	50.0	51.4	0.9523808	0.9791492	0.1	2.8	20	
1,2-Dichloropropane	A	50.0	45.8	0.2079884	0.190547	0.1	-8.4	20	
1,3,5-Trimethylbenzene	A	50.0	45.7	2.244137	2.049835		-8.7	20	
1,3-Dichlorobenzene	A	50.0	47.9	1.157399	1.107986	0.6	-4.3	20	
1,4-Dichlorobenzene	A	50.0	47.9	1.155949	1.108173	0.5	-4.1	20	
1,4-Dioxane	A	1000	969	1.538284E-03	1.491059E-03		-3.1	20	
2-Butanone	A	50.0	54.3	8.926571E-02	9.691723E-02	0.1	8.6	20	
2-Hexanone	A	50.0	47.6	0.1011812	9.627781E-02	0.1	-4.8	20	
4-Methyl-2-pentanone	A	50.0	48.2	0.1330351	0.1283121	0.1	-3.6	20	
Acetone	A	50.0	46.6	0.3562292	0.3320368	0.1	-6.8	20	
Acrolein	A	50.0	35.0	0.130755	9.836538E-02		-29.9	20	*
Acrylonitrile	A	50.0	54.6	0.212322	0.2320311		9.3	20	
Benzene	A	50.0	50.8	4.171245	4.242316	0.5	1.7	20	
Bromochloromethane	A	50.0	51.6	0.7164609	0.7394929		3.2	20	
Bromodichloromethane	A	50.0	48.4	0.2153879	0.2085585	0.2	-3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426749.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1539	Injection Date:	09/15/22
Lab Sample ID:	Y2I1539-CCV1	Injection Time:	09:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	44.2	0.0691413	6.491548E-02	0.1	-11.7	20	
Bromomethane	A	50.0	52.2	0.9737782	1.015859	0.1	4.3	20	
Carbon disulfide	A	50.0	58.4	2.328308	2.718892	0.1	16.8	20	
Carbon tetrachloride	A	50.0	48.3	1.458989	1.462121	0.1	-3.5	20	
Chlorobenzene	A	50.0	46.4	0.6482556	0.6013296	0.5	-7.2	20	
Chloroethane	A	50.0	50.6	0.8332047	0.8427282	0.1	1.1	20	
Chloroform	A	50.0	50.9	1.64656	1.676697	0.2	1.8	20	
Chloromethane	A	50.0	62.8	1.187341	1.492506	0.1	25.7	20	*
cis-1,2-Dichloroethylene	A	50.0	51.1	1.527202	1.561614	0.1	2.3	20	
cis-1,3-Dichloropropylene	A	50.0	46.4	0.2559061	0.2603773	0.2	-7.1	20	
Cyclohexane	A	50.0	49.9	1.726126	1.723249	0.1	-0.2	20	
Dibromochloromethane	A	50.0	45.4	0.1554695	0.1546183	0.1	-9.3	20	
Dibromomethane	A	50.0	47.5	0.1021824	9.715935E-02		-4.9	20	
Dichlorodifluoromethane	A	50.0	100	0.5736041	1.136626	0.1	98.2	20	*
Ethyl Benzene	A	50.0	44.7	1.220974	1.09126	0.1	-10.6	20	
Hexachlorobutadiene	A	50.0	47.0	0.271408	0.2552223		-6.0	20	
Isopropylbenzene	A	50.0	45.7	2.567821	2.347119	0.1	-8.6	20	
Methyl acetate	A	50.0	53.1	0.4385562	0.4661126	0.1	6.3	20	
Methyl tert-butyl ether (MTBE)	A	50.0	55.5	1.660564	1.843241	0.1	11.0	20	
Methylcyclohexane	A	50.0	45.9	0.4426961	0.4065509	0.1	-8.2	20	
Methylene chloride	A	50.0	49.9	1.338444	1.335471	0.1	-0.2	20	
n-Butylbenzene	A	50.0	44.6	2.979845	2.658119		-10.8	20	
n-Propylbenzene	A	50.0	45.1	3.067063	2.764815		-9.9	20	
o-Xylene	A	50.0	46.7	0.8847369	0.825746	0.3	-6.7	20	
p- & m- Xylenes	A	100	90.2	0.9419275	0.8497925	0.1	-9.8	20	
p-Isopropyltoluene	A	50.0	46.0	2.693881	2.476042		-8.1	20	
sec-Butylbenzene	A	50.0	44.8	3.047435	2.72993		-10.4	20	
Styrene	A	50.0	45.5	0.7379019	0.6998181	0.3	-9.0	20	
tert-Butyl alcohol (TBA)	A	250	262	5.172777E-02	5.411986E-02		4.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	VOA No. 5	Calibration:	YH20028
Lab File ID:	V5426749.D	Calibration Date:	08/26/22 08:00
Sequence:	Y2I1539	Injection Date:	09/15/22
Lab Sample ID:	Y2I1539-CCV1	Injection Time:	09:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	46.6	2.200979	2.052777		-6.7	20
Tetrachloroethylene	A	50.0	40.7	0.3233739	0.2631075	0.2	-18.6	20
Toluene	A	50.0	44.9	1.05753	0.9490107	0.4	-10.3	20
trans-1,2-Dichloroethylene	A	50.0	52.3	1.41228	1.476673	0.1	4.6	20
trans-1,3-Dichloropropylene	A	50.0	46.1	0.203612	0.2096	0.1	-7.8	20
trans-1,4-dichloro-2-butene	A	50.0	49.4	0.3403693	0.3365529		-1.1	20
Trichloroethylene	A	50.0	46.0	0.2418077	0.2223247	0.2	-8.1	20
Trichlorofluoromethane	A	50.0	48.1	2.278167	2.19222	0.1	-3.8	20
Vinyl Chloride	A	50.0	55.3	1.274819	1.409821	0.1	10.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
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Water Supply

QA/QC Review of Method 8270D Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 2,4-dinitrotoluene and 2,6-dinitrotoluene were above the allowable maximum (30%) for BNA#1 on 09-09-22. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-21-22 (BNA1016999.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-21-22 (BNA1017011.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-22-22 (BNA1017032.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-chloronaphthalene were above the method maximum on 09-21-22 (BNA1016999.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, and indeno(1,2,3-cd)pyrene were above the method maximum on 09-21-22 (BNA1017011.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroisopropyl)ether, and hexachlorobenzene were above the method maximum on 09-22-22 (BNA1017032.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

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The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-chloronaphthalene were above the allowable maximum (20%) on 09-21-22 (BNA1016999.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, aniline, bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, indeno(1,2,3-cd)pyrene, and n-nitrosodimethylamine were above the allowable maximum (20%) on 09-21-22 (BNA1017011.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroisopropyl)ether, and hexachlorobenzene were above the allowable maximum (20%) on 09-22-22 (BNA1017032.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: Two of two base/neutral surrogate recoveries for sample SP-4 (4-6) were above control limits. One of two base/neutral surrogate recoveries for samples SP-10 (8-10), SP-10 (8-10)RE2, and SP-11 (10-12)RE was above control limits. Positive results for base/neutral compounds should be considered estimated, biased high (J+) for these samples.

Laboratory Control Sample: The percent recoveries for target compounds were within QC limits for soil samples BI20994-BS1 and BI21000-BS1.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I2214
Instrument: BNA #1
Calibration: YI20010

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (Y2I2214-CCV1)			Lab File ID: BNA1016999.D		Analyzed: 09/21/22 09:09			
SURR: Nitrobenzene-d5	30.0	87.6	0 - 200	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	80.6	0 - 200	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	30.0	90.1	0 - 200	13.051	13.04125	0.0098	+/-1.00	
SP-1 (8-10) (22I0332-01)			Lab File ID: BNA1017000.D		Analyzed: 09/21/22 09:41			
SURR: Nitrobenzene-d5	0.968	80.3	22 - 108	6.013	6.016	-0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	0.968	80.6	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.968	90.6	24 - 116	13.051	13.04125	0.0098	+/-1.00	
SP-2 (8-10) (22I0332-02)			Lab File ID: BNA1017001.D		Analyzed: 09/21/22 10:12			
SURR: Nitrobenzene-d5	0.881	80.5	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	0.881	81.2	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.881	106	24 - 116	13.045	13.04125	0.0038	+/-1.00	
SP-3 (10-12) (22I0332-03)			Lab File ID: BNA1017002.D		Analyzed: 09/21/22 10:44			
SURR: Nitrobenzene-d5	1.05	70.2	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	1.05	65.4	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	1.05	74.2	24 - 116	13.045	13.04125	0.0038	+/-1.00	
SP-4 (4-6) (22I0332-04)			Lab File ID: BNA1017003.D		Analyzed: 09/21/22 11:15			
SURR: Nitrobenzene-d5	1.05	115	22 - 108	6.019	6.016	0.0030	+/-1.00	*
SURR: 2-Fluorobiphenyl	1.05	101	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	1.05	122	24 - 116	13.045	13.04125	0.0038	+/-1.00	*
SP-5 (6-8) (22I0332-05)			Lab File ID: BNA1017004.D		Analyzed: 09/21/22 11:46			
SURR: Nitrobenzene-d5	0.881	81.9	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	0.881	73.9	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.881	92.1	24 - 116	13.045	13.04125	0.0038	+/-1.00	
SP-6 (2-4) (22I0332-06)			Lab File ID: BNA1017005.D		Analyzed: 09/21/22 12:18			
SURR: Nitrobenzene-d5	0.955	87.8	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	0.955	72.5	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.955	91.4	24 - 116	13.045	13.04125	0.0038	+/-1.00	
SP-7 (0-2) (22I0332-07)			Lab File ID: BNA1017006.D		Analyzed: 09/21/22 12:49			
SURR: Nitrobenzene-d5	1.04	87.0	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	1.04	80.6	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	1.04	88.4	24 - 116	13.045	13.04125	0.0038	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I2214
Instrument: BNA #1
Calibration: YI20010

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-8 (1-3) (22I0332-08)			Lab File ID: BNA1017007.D		Analyzed: 09/21/22 13:19			
SURR: Nitrobenzene-d5	0.889	77.6	22 - 108	6.019	6.016	0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	0.889	67.5	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.889	85.0	24 - 116	13.051	13.04125	0.0098	+/-1.00	
SP-9 (1-3) (22I0332-09)			Lab File ID: BNA1017008.D		Analyzed: 09/21/22 13:50			
SURR: Nitrobenzene-d5	1.08	79.3	22 - 108	6.013	6.016	-0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	1.08	80.3	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	1.08	104	24 - 116	13.063	13.04125	0.0218	+/-1.00	
SP-10 (8-10) (22I0332-10)			Lab File ID: BNA1017009.D		Analyzed: 09/21/22 14:22			
SURR: Nitrobenzene-d5	1.02	326	22 - 108	6.036	6.016	0.0200	+/-1.00	*
SURR: 2-Fluorobiphenyl	1.02	43.9	21 - 113	7.693	7.68625	0.0067	+/-1.00	
SURR: Terphenyl-d14	1.02	45.3	24 - 116	13.074	13.04125	0.0328	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Sequence:	Y2I2224	Instrument:	BNA #1
		Calibration:	YI20010

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (Y2I2224-CCV1)			Lab File ID: BNA1017032.D		Analyzed: 09/22/22 09:16			
SURR: Nitrobenzene-d5	30.0	84.6	0 - 200	6.013	6.016	-0.0030	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	89.9	0 - 200	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	30.0	85.2	0 - 200	13.051	13.04125	0.0098	+/-1.00	
SP-11 (10-12) (22I0332-11RE1)			Lab File ID: BNA1017041.D		Analyzed: 09/22/22 13:57			
SURR: Nitrobenzene-d5	0.951	285	22 - 108	6.025	6.016	0.0090	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.951	72.0	21 - 113	7.681	7.68625	-0.0053	+/-1.00	
SURR: Terphenyl-d14	0.951	73.8	24 - 116	13.051	13.04125	0.0098	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I2405
Instrument: BNA #7
Calibration: YH20025

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (Y2I2405-CCV1)			Lab File ID: E7033656.D		Analyzed: 09/23/22 09:27			
SURR: Nitrobenzene-d5	30.0	94.5	0 - 200	5.242	5.231	0.0110	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	100	0 - 200	6.738	6.72225	0.0158	+/-1.00	
SURR: Terphenyl-d14	30.0	96.7	0 - 200	11.962	11.9255	0.0365	+/-1.00	
SP-10 (8-10) (22I0332-10RE2)			Lab File ID: E7033667.D		Analyzed: 09/23/22 15:13			
SURR: Nitrobenzene-d5	1.02	410	22 - 108	5.248	5.231	0.0170	+/-1.00	*
SURR: 2-Fluorobiphenyl	1.02	48.8	21 - 113	6.72	6.72225	-0.0023	+/-1.00	
SURR: Terphenyl-d14	1.02	45.6	24 - 116	11.939	11.9255	0.0135	+/-1.00	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20010
Instrument: BNA #1
Calibration Date: 09/09/22 09:17

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6324314	11.04401	7.790375	2.593968E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.5774619	10.3704	7.5135	3.615158E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3666509	14.70052	6.588	1.267208E-02			20	
1,2-Dichlorobenzene	1.678169	12.12617	5.699	6.043099E-03			20	
1,2-Diphenylhydrazine (as Azobenzene)	4.895132E-02	7.780168	8.81025	0.0353077			20	
1,3-Dichlorobenzene	1.718983	13.12273	5.49	1.765949E-02			20	
1,4-Dichlorobenzene	1.730244	12.09678	5.5305	0.2957768			20	
1-Methylnaphthalene	0.6929526	15.02264	7.4165	3.746066E-02			20	
2,3,4,6-Tetrachlorophenol	0.1440351	8.260643	9	0			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4190818	9.791524	7.652875	0.1887979			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3846192	9.240049	7.61325	0.0427462			SPCC (0.2)	
2,4-Dichlorophenol	0.3337974	13.97978	6.716	1.473188E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3328797	14.95849	6.305125	3.715981E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1005214	22.48043	8.613875	5.155612E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.2517817	39.29958	8.2765	0.4951346			SPCC (0.2)	*
2,6-Dinitrotoluene	0.2173864	58.62483	8.262	0.6496657			SPCC (0.2)	*
2-Chloronaphthalene	1.204439	12.19561	7.826	1.573316E-02			SPCC (0.8)	
2-Chlorophenol	1.479184	11.23048	5.374	1.110173E-02			SPCC (0.8)	
2-Methylnaphthalene	0.8192657	14.55697	7.29925	4.311637E-02			SPCC (0.4)	
2-Methylphenol	1.268011	11.39603	5.74	6.746729E-03			SPCC (0.7)	
2-Nitroaniline	0.3602368	7.123053	7.977	1.500619E-02			SPCC (0.01)	
2-Nitrophenol	0.1821755	9.578723	6.309	1.574248E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.941477	11.03192	5.853	5.724004E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4974721	11.84523	15.24788	2.278852E-02			SPCC (0.01)	
3-Nitroaniline	0.3330127	8.449152	8.483	2.115368E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1062712	20.46999	9.386125	3.417729E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2548199	10.44144	9.802	2.033575E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3773377	14.2033	7.12675	4.108543E-02			SPCC (0.2)	
4-Chloroaniline	0.4777249	14.53809	6.71	1.375516E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.7852677	11.23465	9.238125	1.525019E-02			SPCC (0.4)	
4-Nitroaniline	0.3273675	11.1544	9.34675	4.741845E-02			SPCC (0.01)	
4-Nitrophenol	0.2950473	8.655855	8.64075	4.153788E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20010
Instrument: BNA #1
Calibration Date: 09/09/22 09:17

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.224661	11.74551	8.57	1.713107E-02			SPCC (0.9)	
Acenaphthylene	2.034213	11.61012	8.338	1.645651E-02			SPCC (0.9)	
Acetophenone	2.291814	11.32743	5.874375	2.962125E-02			SPCC (0.01)	
Alpha Terpineol	0.3058908	15.04013	6.612	6.420331E-03			20	
Aniline	2.216271	11.6967	5.281	0.0164267			SPCC ()	
Anthracene	1.122775	10.93212	10.44775	2.402306E-02			SPCC (0.7)	
Atrazine	0.2543397	10.76317	10.00837	2.848614E-02			SPCC (0.01)	
Benzaldehyde	1.196232	13.16632	5.166625	5.604365E-02			SPCC (0.01)	
Benzidine	0.5939053	17.01382	12.56437	2.306436E-02			20	
Benzo(a)anthracene	1.429969	11.63872	15.204	1.604894E-02			SPCC (0.8)	
Benzo(a)pyrene	1.38359	11.51259	18.16575	3.053555E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.437734	11.54767	17.51775	2.723358E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.369666	10.29387	20.736	4.226752E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.497821	11.59498	17.56638	3.843102E-02			SPCC (0.7)	
Benzoic acid	0.2044033	19.09161	6.374125	0.2469428			20	
Benzyl alcohol	1.02882	9.446203	5.64475	5.513797E-02			20	
Benzyl butyl phthalate	0.5959676	9.938019	14.164	2.900742E-02			20	
Bis(2-chloroethoxy)methane	0.4467932	15.10339	6.391625	3.015707E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.973399	11.37251	6.391625	3.015707E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.646757	12.43576	5.76375	3.830323E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8340662	10.42914	15.503	5.044671E-03			20	
Caprolactam	0.1401716	14.12756	7.022625	0.1071901			SPCC (0.01)	
Carbazole	1.061894	12.27688	10.6695	2.654437E-02			SPCC (0.01)	
Chrysene	1.41118	11.97701	15.29775	3.429658E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.386426	8.686399	20.28825	3.249195E-02			SPCC (0.4)	
Dibenzofuran	1.874366	11.34266	8.77775	2.696772E-02			SPCC (0.8)	
Diethyl phthalate	1.534214	11.12151	9.110875	1.040326E-02			SPCC (0.01)	
Dimethyl phthalate	1.488947	11.3937	8.175	1.076062E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.325928	10.95351	11.243	1.503083E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.423335	10.48199	16.8385	1.356426E-02			SPCC (0.01)	
Diphenylamine	0.7087397	11.22487	9.40175	1.530146E-02			20	
Fluoranthene	1.418545	11.43625	12.281	2.858806E-02			SPCC (0.6)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20010
Instrument: BNA #1
Calibration Date: 09/09/22 09:17

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.556403	11.62632	9.273	1.016192E-02			SPCC (0.9)	
Hexachlorobenzene	0.104573	11.62009	9.988	1.809526E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2278307	15.38697	6.792	1.987505E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3703109	8.191882	7.5225	3.187757E-02			SPCC (0.05)	
Hexachloroethane	0.6567313	11.92877	5.955	1.387523E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.265992	6.698841	20.25063	2.720156E-02			SPCC (0.5)	
Isophorone	0.7914619	14.62295	6.21825	5.125492E-02			SPCC (0.4)	
Naphthalene	1.12102	15.66224	6.65125	3.288891E-02			SPCC (0.7)	
Nitrobenzene	0.427245	14.01506	6.030875	2.828103E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.127854	11.69441	3.316875	6.577672E-02			20	
N-nitroso-di-n-propylamine	1.409766	11.74136	5.885	1.416523E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2447568	10.87296	9.40175	1.530146E-02			SPCC (0.01)	
Parathion	0.1108495	16.4317	11.569	4.989102E-03			20	
Pentachloronitrobenzene	5.529158E-03	18.32291	10.19437	0.024259			20	
Pentachlorophenol	0.1355415	10.84045	10.19575	1.681876E-02			SPCC (0.05)	
Phenanthrene	1.162143	12.79145	10.39125	3.252569E-02			SPCC (0.7)	
Phenol	1.864161	11.74414	5.24	7.390501E-03			SPCC (0.8)	
Pyrene	1.319746	10.85804	12.281	2.858806E-02			SPCC (0.6)	
Pyridine	1.590428	9.984805	3.341125	0.7685877			20	
SURR: 2,4,6-Tribromophenol	0.1119799	9.32775	9.587	1.264204E-02			20	
SURR: 2-Fluorobiphenyl	1.435423	12.04087	7.68625	2.738271E-02			20	
SURR: 2-Fluorophenol	1.280368	12.60277	4.455375	1.533687E-02			20	
SURR: Nitrobenzene-d5	0.4131244	13.8725	6.016	5.640157E-02			20	
SURR: Phenol-d6	1.762133	11.4732	5.228125	7.966006E-03			20	
SURR: Terphenyl-d14	1.092172	10.68289	13.04125	1.754573E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1016999.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2214	Injection Date:	09/21/22
Lab Sample ID:	Y2I2214-CCV1	Injection Time:	09:09

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	25.7	0.3666509	0.3139939		-14.4	20	
1,2-Dichlorobenzene	A	30.0	27.3	1.678169	1.527844		-9.0	20	
1,3-Dichlorobenzene	A	30.0	27.0	1.718983	1.549979		-9.8	20	
1,4-Dichlorobenzene	A	30.0	26.8	1.730244	1.548553		-10.5	20	
2,4-Dinitrotoluene	A	30.0	33.6	0.2517817	0.4442814	0.2	76.5	20	*
2,6-Dinitrotoluene	A	30.0	33.8	0.2173864	0.3223284	0.2	48.3	20	*
2-Chloronaphthalene	A	30.0	22.3	1.204439	0.8953342	0.8	-25.7	20	*
2-Methylnaphthalene	A	30.0	25.6	0.8192657	0.7003973	0.4	-14.5	20	
2-Nitroaniline	A	30.0	29.8	0.3602368	0.3584779	0.01	-0.5	20	
3,3-Dichlorobenzidine	A	30.0	26.9	0.4974721	0.4454601	0.01	-10.5	20	
3-Nitroaniline	A	30.0	29.9	0.3330127	0.3320889	0.01	-0.3	20	
4-Bromophenyl phenyl ether	A	30.0	29.6	0.2548199	0.2508697	0.1	-1.6	20	
4-Chloroaniline	A	30.0	25.1	0.4777249	0.3993616	0.01	-16.4	20	
4-Chlorophenyl phenyl ether	A	30.0	28.9	0.7852677	0.7554573	0.4	-3.8	20	
4-Nitroaniline	A	30.0	31.3	0.3273675	0.3412381	0.01	4.2	20	
Acenaphthene	A	30.0	26.1	1.224661	1.064939	0.9	-13.0	20	
Acenaphthylene	A	30.0	26.7	2.034213	1.811944	0.9	-10.9	20	
Aniline	A	30.0	25.7	2.216271	1.899225		-14.3	20	
Anthracene	A	30.0	26.8	1.122775	1.003319	0.7	-10.6	20	
Benzo(a)anthracene	A	30.0	25.4	1.429969	1.210665	0.8	-15.3	20	
Benzo(a)pyrene	A	30.0	26.3	1.38359	1.212109	0.7	-12.4	20	
Benzo(b)fluoranthene	A	30.0	27.0	1.437734	1.292394	0.7	-10.1	20	
Benzo(g,h,i)perylene	A	30.0	25.8	1.369666	1.175579	0.5	-14.2	20	
Benzo(k)fluoranthene	A	30.0	25.8	1.497821	1.285334	0.7	-14.2	20	
Benzyl butyl phthalate	A	30.0	26.6	0.5959676	0.5286353		-11.3	20	
Bis(2-chloroethoxy)methane	A	30.0	24.6	0.4467932	0.3661742	0.3	-18.0	20	
Bis(2-chloroethyl)ether	A	30.0	27.3	1.973399	1.798182	0.7	-8.9	20	
Bis(2-chloroisopropyl)ether	A	30.0	25.0	1.646757	1.371703	0.01	-16.7	20	
Bis(2-ethylhexyl)phthalate	A	30.0	27.1	0.8340662	0.7538844		-9.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1016999.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2214	Injection Date:	09/21/22
Lab Sample ID:	Y2I2214-CCV1	Injection Time:	09:09

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Carbazole	A	30.0	26.1	1.061894	0.9230383	0.01	-13.1	20
Chrysene	A	30.0	25.3	1.41118	1.1912	0.7	-15.6	20
Dibenzo(a,h)anthracene	A	30.0	25.3	1.386426	1.167555	0.4	-15.8	20
Dibenzofuran	A	30.0	25.6	1.874366	1.59886	0.8	-14.7	20
Diethyl phthalate	A	30.0	26.4	1.534214	1.350704	0.01	-12.0	20
Dimethyl phthalate	A	30.0	27.9	1.488947	1.385779	0.01	-6.9	20
Di-n-butyl phthalate	A	30.0	25.0	1.325928	1.107234	0.01	-16.5	20
Di-n-octyl phthalate	A	30.0	27.2	1.423335	1.291387	0.01	-9.3	20
Fluoranthene	A	30.0	26.6	1.418545	1.258609	0.6	-11.3	20
Fluorene	A	30.0	27.4	1.556403	1.419216	0.9	-8.8	20
Hexachlorobenzene	A	30.0	25.3	0.104573	0.0882472	0.1 *	-15.6	20
Hexachlorobutadiene	A	30.0	24.5	0.2278307	0.1858611	0.01	-18.4	20
Hexachlorocyclopentadiene	A	30.0	24.4	0.3703109	0.3011021	0.05	-18.7	20
Hexachloroethane	A	30.0	27.3	0.6567313	0.5984991	0.3	-8.9	20
Indeno(1,2,3-cd)pyrene	A	30.0	24.6	1.265992	1.281291	0.5	1.2	20
Isophorone	A	30.0	25.2	0.7914619	0.664725	0.4	-16.0	20
Naphthalene	A	30.0	25.2	1.12102	0.9423849	0.7	-15.9	20
Nitrobenzene	A	30.0	26.0	0.427245	0.3708057	0.2	-13.2	20
N-Nitrosodimethylamine	A	30.0	25.3	1.127854	0.9496981		-15.8	20
N-nitroso-di-n-propylamine	A	30.0	26.4	1.409766	1.242609	0.5	-11.9	20
N-Nitrosodiphenylamine	A	30.0	26.4	0.2447568	0.2153689	0.01	-12.0	20
Phenanthrene	A	30.0	26.4	1.162143	1.02061	0.7	-12.2	20
Pyrene	A	30.0	25.0	1.319746	1.1693	0.6	-11.4	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1017032.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2224	Injection Date:	09/22/22
Lab Sample ID:	Y2I2224-CCV1	Injection Time:	09:16

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	26.9	0.3666509	0.3291164		-10.2	20	
1,2-Dichlorobenzene	A	30.0	26.6	1.678169	1.49036		-11.2	20	
1,3-Dichlorobenzene	A	30.0	27.3	1.718983	1.562391		-9.1	20	
1,4-Dichlorobenzene	A	30.0	26.5	1.730244	1.528341		-11.7	20	
2,4-Dinitrotoluene	A	30.0	34.4	0.2517817	0.4558525	0.2	81.1	20	*
2,6-Dinitrotoluene	A	30.0	32.6	0.2173864	0.3104839	0.2	42.8	20	*
2-Chloronaphthalene	A	30.0	26.8	1.204439	1.073881	0.8	-10.8	20	
2-Methylnaphthalene	A	30.0	27.0	0.8192657	0.7382355	0.4	-9.9	20	
2-Nitroaniline	A	30.0	31.8	0.3602368	0.3818428	0.01	6.0	20	
3,3-Dichlorobenzidine	A	30.0	27.2	0.4974721	0.450887	0.01	-9.4	20	
3-Nitroaniline	A	30.0	30.9	0.3330127	0.3429363	0.01	3.0	20	
4-Bromophenyl phenyl ether	A	30.0	27.7	0.2548199	0.23428	0.1	-8.1	20	
4-Chloroaniline	A	30.0	27.0	0.4777249	0.4300051	0.01	-10.0	20	
4-Chlorophenyl phenyl ether	A	30.0	28.6	0.7852677	0.7497261	0.4	-4.5	20	
4-Nitroaniline	A	30.0	31.7	0.3273675	0.3455509	0.01	5.6	20	
Acenaphthene	A	30.0	25.7	1.224661	1.050256	0.9	-14.2	20	
Acenaphthylene	A	30.0	26.3	2.034213	1.780676	0.9	-12.5	20	
Aniline	A	30.0	25.8	2.216271	1.902065		-14.2	20	
Anthracene	A	30.0	26.4	1.122775	0.9896597	0.7	-11.9	20	
Benzo(a)anthracene	A	30.0	25.7	1.429969	1.225785	0.8	-14.3	20	
Benzo(a)pyrene	A	30.0	25.0	1.38359	1.152385	0.7	-16.7	20	
Benzo(b)fluoranthene	A	30.0	25.4	1.437734	1.215188	0.7	-15.5	20	
Benzo(g,h,i)perylene	A	30.0	27.1	1.369666	1.236789	0.5	-9.7	20	
Benzo(k)fluoranthene	A	30.0	25.3	1.497821	1.256986	0.7	-16.1	20	
Benzyl butyl phthalate	A	30.0	25.6	0.5959676	0.5096073		-14.5	20	
Bis(2-chloroethoxy)methane	A	30.0	26.6	0.4467932	0.3960964	0.3	-11.3	20	
Bis(2-chloroethyl)ether	A	30.0	28.4	1.973399	1.869002	0.7	-5.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	21.9	1.646757	1.200511	0.01	-27.1	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	24.6	0.8340662	0.682916		-18.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1017032.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2224	Injection Date:	09/22/22
Lab Sample ID:	Y2I2224-CCV1	Injection Time:	09:16

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Carbazole	A	30.0	26.2	1.061894	0.9262997	0.01	-12.8	20
Chrysene	A	30.0	25.0	1.41118	1.174293	0.7	-16.8	20
Dibenzo(a,h)anthracene	A	30.0	28.3	1.386426	1.30624	0.4	-5.8	20
Dibenzofuran	A	30.0	27.8	1.874366	1.733973	0.8	-7.5	20
Diethyl phthalate	A	30.0	26.8	1.534214	1.369318	0.01	-10.7	20
Dimethyl phthalate	A	30.0	27.3	1.488947	1.356355	0.01	-8.9	20
Di-n-butyl phthalate	A	30.0	25.3	1.325928	1.116952	0.01	-15.8	20
Di-n-octyl phthalate	A	30.0	25.8	1.423335	1.225568	0.01	-13.9	20
Fluoranthene	A	30.0	26.6	1.418545	1.258237	0.6	-11.3	20
Fluorene	A	30.0	27.7	1.556403	1.438789	0.9	-7.6	20
Hexachlorobenzene	A	30.0	22.8	0.104573	0.0793363	0.1 *	-24.1	20 *
Hexachlorobutadiene	A	30.0	26.7	0.2278307	0.2026457	0.01	-11.1	20
Hexachlorocyclopentadiene	A	30.0	24.2	0.3703109	0.2991019	0.05	-19.2	20
Hexachloroethane	A	30.0	25.0	0.6567313	0.5477495	0.3	-16.6	20
Indeno(1,2,3-cd)pyrene	A	30.0	24.6	1.265992	1.281728	0.5	1.2	20
Isophorone	A	30.0	25.6	0.7914619	0.6759681	0.4	-14.6	20
Naphthalene	A	30.0	25.2	1.12102	0.9430699	0.7	-15.9	20
Nitrobenzene	A	30.0	25.0	0.427245	0.3559694	0.2	-16.7	20
N-Nitrosodimethylamine	A	30.0	24.9	1.127854	0.9367538		-16.9	20
N-nitroso-di-n-propylamine	A	30.0	25.3	1.409766	1.188337	0.5	-15.7	20
N-Nitrosodiphenylamine	A	30.0	25.4	0.2447568	0.2073279	0.01	-15.3	20
Phenanthrene	A	30.0	26.7	1.162143	1.035978	0.7	-10.9	20
Pyrene	A	30.0	25.4	1.319746	1.192418	0.6	-9.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1017011.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2326	Injection Date:	09/21/22
Lab Sample ID:	Y2I2326-CCV1	Injection Time:	15:38

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	26.8	0.3666509	0.327862		-10.6	20	
1,2-Dichlorobenzene	A	30.0	25.4	1.678169	1.421022		-15.3	20	
1,3-Dichlorobenzene	A	30.0	24.6	1.718983	1.406496		-18.2	20	
1,4-Dichlorobenzene	A	30.0	26.4	1.730244	1.525225		-11.8	20	
2,4-Dinitrotoluene	A	30.0	32.9	0.2517817	0.4354777	0.2	73.0	20	*
2,6-Dinitrotoluene	A	30.0	33.1	0.2173864	0.3153689	0.2	45.1	20	*
2-Chloronaphthalene	A	30.0	26.4	1.204439	1.060484	0.8	-12.0	20	
2-Methylnaphthalene	A	30.0	26.7	0.8192657	0.7278852	0.4	-11.2	20	
2-Nitroaniline	A	30.0	30.2	0.3602368	0.3628163	0.01	0.7	20	
3,3-Dichlorobenzidine	A	30.0	28.5	0.4974721	0.4732073	0.01	-4.9	20	
3-Nitroaniline	A	30.0	30.2	0.3330127	0.3351729	0.01	0.6	20	
4-Bromophenyl phenyl ether	A	30.0	27.4	0.2548199	0.2321072	0.1	-8.9	20	
4-Chloroaniline	A	30.0	25.9	0.4777249	0.4127593	0.01	-13.6	20	
4-Chlorophenyl phenyl ether	A	30.0	27.8	0.7852677	0.7275914	0.4	-7.3	20	
4-Nitroaniline	A	30.0	31.7	0.3273675	0.3458283	0.01	5.6	20	
Acenaphthene	A	30.0	26.4	1.224661	1.077979	0.9	-12.0	20	
Acenaphthylene	A	30.0	27.2	2.034213	1.847754	0.9	-9.2	20	
Aniline	A	30.0	23.4	2.216271	1.72875		-22.0	20	*
Anthracene	A	30.0	27.0	1.122775	1.011401	0.7	-9.9	20	
Benzo(a)anthracene	A	30.0	25.0	1.429969	1.189474	0.8	-16.8	20	
Benzo(a)pyrene	A	30.0	26.6	1.38359	1.2281	0.7	-11.2	20	
Benzo(b)fluoranthene	A	30.0	26.7	1.437734	1.278955	0.7	-11.0	20	
Benzo(g,h,i)perylene	A	30.0	27.6	1.369666	1.259268	0.5	-8.1	20	
Benzo(k)fluoranthene	A	30.0	25.0	1.497821	1.245338	0.7	-16.9	20	
Benzyl butyl phthalate	A	30.0	26.7	0.5959676	0.5304177		-11.0	20	
Bis(2-chloroethoxy)methane	A	30.0	24.8	0.4467932	0.3690085	0.3	-17.4	20	
Bis(2-chloroethyl)ether	A	30.0	24.1	1.973399	1.586353	0.7	-19.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	22.4	1.646757	1.232125	0.01	-25.2	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	26.1	0.8340662	0.7248528		-13.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #1	Calibration:	YI20010
Lab File ID:	BNA1017011.D	Calibration Date:	09/09/22 09:17
Sequence:	Y2I2326	Injection Date:	09/21/22
Lab Sample ID:	Y2I2326-CCV1	Injection Time:	15:38

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Carbazole	A	30.0	26.4	1.061894	0.9346962	0.01	-12.0	20	
Chrysene	A	30.0	25.0	1.41118	1.176379	0.7	-16.6	20	
Dibenzo(a,h)anthracene	A	30.0	28.2	1.386426	1.304104	0.4	-5.9	20	
Dibenzofuran	A	30.0	27.5	1.874366	1.717323	0.8	-8.4	20	
Diethyl phthalate	A	30.0	28.2	1.534214	1.440191	0.01	-6.1	20	
Dimethyl phthalate	A	30.0	28.1	1.488947	1.393428	0.01	-6.4	20	
Di-n-butyl phthalate	A	30.0	27.0	1.325928	1.192662	0.01	-10.1	20	
Di-n-octyl phthalate	A	30.0	28.4	1.423335	1.34689	0.01	-5.4	20	
Fluoranthene	A	30.0	26.0	1.418545	1.229505	0.6	-13.3	20	
Fluorene	A	30.0	28.0	1.556403	1.451622	0.9	-6.7	20	
Hexachlorobenzene	A	30.0	27.1	0.104573	9.436196E-02	0.1	-9.8	20	
Hexachlorobutadiene	A	30.0	27.4	0.2278307	0.2084051	0.01	-8.5	20	
Hexachlorocyclopentadiene	A	30.0	21.2	0.3703109	0.2617517	0.05	-29.3	20	*
Hexachloroethane	A	30.0	25.7	0.6567313	0.5633895	0.3	-14.2	20	
Indeno(1,2,3-cd)pyrene	A	30.0	29.8	1.265992	1.55577	0.5	22.9	20	*
Isophorone	A	30.0	25.8	0.7914619	0.6808035	0.4	-14.0	20	
Naphthalene	A	30.0	26.1	1.12102	0.9748531	0.7	-13.0	20	
Nitrobenzene	A	30.0	27.0	0.427245	0.3844724	0.2	-10.0	20	
N-Nitrosodimethylamine	A	30.0	23.8	1.127854	0.8964566		-20.5	20	*
N-nitroso-di-n-propylamine	A	30.0	25.7	1.409766	1.206104	0.5	-14.4	20	
N-Nitrosodiphenylamine	A	30.0	24.6	0.2447568	0.2009608	0.01	-17.9	20	
Phenanthrene	A	30.0	26.5	1.162143	1.025109	0.7	-11.8	20	
Pyrene	A	30.0	26.3	1.319746	1.232028	0.6	-6.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SP-8 (1-3).

Laboratory Control Sample: The percent recovery for 1,4-dioxane was within QC limits for soil sample BI20995-BS1.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the soil samples reported 1,4-dioxane as not detected.

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Pesticide Data Section

ALPHA GEOSCIENCE

Geology
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Water Supply

QA/QC Review of Method 8081B Pesticide Data for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Laboratory Control Sample: The percent recoveries for target pesticides were within QC limits for soil samples BI20996-BS1 and aqueous sample BI20999-BS1.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The %Ds for target pesticides were below the allowable maximum (20%) for both columns, as required.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil samples reported target multi-component pesticides as not detected.

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PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target aroclors as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample SP-9 (1-3) was below QC limits, but not below 10% on one column. No action is taken on one surrogate recovery outside QC limits, provided the recovery is not less than 10%.

Laboratory Control Sample: The percent recoveries for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil samples BI20996-BS2 and BI20999-BS2.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The average %Ds for target aroclors were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The %Diff for dual column quantitation of aroclor 1260 in sample SP-10 (8-10) was below the allowable maximum (25%), as required.

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FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I2234
Instrument: ECD#1
Calibration: YF20016

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-8 (1-3) (22I0332-08)			Lab File ID: P1106830.D		Analyzed: 09/22/22 06:33			
Tetrachloro-m-xylene	0.0708	41.0	30 - 140	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.0708	33.5	30 - 140	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.0708	67.0	30 - 140	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.0708	71.0	30 - 140	7.48	7.501667	-0.0217	+/-0.05	
SP-9 (1-3) (22I0332-09)			Lab File ID: P1106831.D		Analyzed: 09/22/22 06:46			
Tetrachloro-m-xylene	0.0840	34.5	30 - 140	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.0840	27.5	30 - 140	2.01	2.02	-0.0100	+/-0.05	*
Decachlorobiphenyl	0.0840	59.5	30 - 140	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.0840	57.5	30 - 140	7.48	7.501667	-0.0217	+/-0.05	
SP-10 (8-10) (22I0332-10)			Lab File ID: P1106832.D		Analyzed: 09/22/22 07:00			
Tetrachloro-m-xylene	0.0813	45.0	30 - 140	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.0813	36.5	30 - 140	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.0813	56.5	30 - 140	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.0813	44.5	30 - 140	7.48	7.501667	-0.0217	+/-0.05	
SP-11 (10-12) (22I0332-11)			Lab File ID: P1106833.D		Analyzed: 09/22/22 07:13			
Tetrachloro-m-xylene	0.0759	47.5	30 - 140	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.0759	40.5	30 - 140	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.0759	60.0	30 - 140	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.0759	48.0	30 - 140	7.48	7.501667	-0.0217	+/-0.05	
Calibration Check (Y2I2234-CCV4)			Lab File ID: P1106849.D		Analyzed: 09/22/22 10:50			
Tetrachloro-m-xylene	0.160	99.4	80 - 120	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.160	105	80 - 120	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.160	105	80 - 120	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.160	114	80 - 120	7.48	7.501667	-0.0217	+/-0.05	
Calibration Check (Y2I2234-CCV5)			Lab File ID: P1106872.D		Analyzed: 09/22/22 16:21			
Tetrachloro-m-xylene	0.160	97.5	80 - 120	2.59	2.586667	0.0033	+/-0.05	
Tetrachloro-m-xylene [2C]	0.160	103	80 - 120	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.160	111	80 - 120	8.71	8.713333	-0.0033	+/-0.05	
Decachlorobiphenyl [2C]	0.160	120	80 - 120	7.48	7.501667	-0.0217	+/-0.05	
Calibration Check (Y2I2234-CCV6)			Lab File ID: P1106883.D		Analyzed: 09/22/22 19:09			
Tetrachloro-m-xylene	0.160	101	80 - 120	2.58	2.586667	-0.0067	+/-0.05	
Tetrachloro-m-xylene [2C]	0.160	107	80 - 120	2.01	2.02	-0.0100	+/-0.05	
Decachlorobiphenyl	0.160	119	80 - 120	8.7	8.713333	-0.0133	+/-0.05	
Decachlorobiphenyl [2C]	0.160	130	80 - 120	7.48	7.501667	-0.0217	+/-0.05	*

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
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Water Supply

QA/QC Review of Method 537 Modified PFAS Data for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad COD for target PFAS were above the allowable minimum (0.995), as required.

Continuing Calibration: The %D for PFTrDA was above the allowable maximum (30%) on 09-14-22 (QQQ304172.d). Positive results for PFTrDA should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Three of eighteen surrogate recoveries for samples SP-3 (10-12) and SP-6 (2-4) were above QC limits. Two of eighteen surrogate recoveries for sample SP-1 (8-10) were above QC limits. One of eighteen surrogate recoveries for sample SP-7 (0-2) was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the sample.

Two of eighteen surrogate recoveries for sample SP-11 (10-12) were below QC limits, but not below 10%. One of eighteen surrogate recoveries for sample SP-10 (8-10) was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J or UJ) in the samples.

One of eighteen surrogate recoveries for sample SP-10 (8-10) and SP-11 (10-12) was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the samples.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil sample BI20417-BS1.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-10 (8-10) (22I0332-10)			Lab File ID: QQQ304227.d		Analyzed: 09/15/22 14:05			
M3PFBS	5.63	70.6	25 - 150	4.65525	4.594452	0.0608	+/-1.00	
M5PFHxA	6.06	69.8	25 - 150	5.318167	5.253693	0.0645	+/-1.00	
M4PFHpA	6.06	80.1	25 - 150	5.787833	5.767476	0.0204	+/-1.00	
M3PFHxS	5.74	24.4	25 - 150	5.854283	5.819569	0.0347	+/-1.00	*
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	6.06	74.0	25 - 150	6.122983	6.108593	0.0144	+/-1.00	
M6PFDA	6.06	94.2	25 - 150	6.608767	6.649567	-0.0408	+/-1.00	
M7PFUdA	6.06	63.0	25 - 150	6.851517	6.922238	-0.0707	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	6.06	48.8	25 - 150	7.102283	7.220029	-0.1177	+/-1.00	
M2PFTeDA	6.06	70.0	10 - 150	7.6726	7.939419	-0.2668	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	6.06	96.2	25 - 150	0.7422833	0.9328952	-0.1906	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.80	98.4	25 - 150	6.382433	6.400448	-0.0180	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.06	87.6	25 - 150	3.92805	3.894698	0.0334	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.06	83.7	10 - 150	7.089183	7.168845	-0.0797	+/-1.00	
d3-N-MeFOSAA	6.06	1.57	25 - 150	6.7251	6.766034	-0.0409	+/-1.00	*
d5-N-EtFOSAA	6.06	37.7	25 - 150	6.84255	6.909667	-0.0671	+/-1.00	
M2-6:2 FTS	5.75	99.4	25 - 200	6.113983	6.089998	0.0240	+/-1.00	
M2-8:2 FTS	5.81	85.1	25 - 200	6.608267	6.638267	-0.0300	+/-1.00	
M9PFNA	6.06	54.8	25 - 150	6.38335	6.38815	-0.0048	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-11 (10-12) (22I0332-11)			Lab File ID: QQQ304228.d		Analyzed: 09/15/22 14:18			
M3PFBS	5.24	90.8	25 - 150	4.663583	4.594452	0.0691	+/-1.00	
M5PFHxA	5.64	66.1	25 - 150	5.318167	5.253693	0.0645	+/-1.00	
M4PFHpA	5.64	86.9	25 - 150	5.812984	5.767476	0.0455	+/-1.00	
M3PFHxS	5.34	132	25 - 150	5.854283	5.819569	0.0347	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.64	70.9	25 - 150	6.139783	6.108593	0.0312	+/-1.00	
M6PFDA	5.64	82.6	25 - 150	6.625566	6.649567	-0.0240	+/-1.00	
M7PFUdA	5.64	58.1	25 - 150	6.8683	6.922238	-0.0539	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	5.64	39.6	25 - 150	7.119083	7.220029	-0.1009	+/-1.00	
M2PFTeDA	5.64	79.5	10 - 150	7.689417	7.939419	-0.2500	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	5.64	90.6	25 - 150	0.7256	0.9328952	-0.2073	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.40	6.20	25 - 150	7.232584	6.400448	0.8321	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.64	77.3	25 - 150	3.88635	3.894698	-0.0083	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.64	118	10 - 150	7.114634	7.168845	-0.0542	+/-1.00	
d3-N-MeFOSAA	5.64	99.6	25 - 150	6.7335	6.766034	-0.0325	+/-1.00	
d5-N-EtFOSAA	5.64	24.2	25 - 150	6.867717	6.909667	-0.0419	+/-1.00	*
M2-6:2 FTS	5.35	111	25 - 200	6.113983	6.089998	0.0240	+/-1.00	
M2-8:2 FTS	5.40	19.7	25 - 200	7.180316	6.638267	0.5420	+/-1.00	*
M9PFNA	5.64	83.6	25 - 150	6.39175	6.38815	0.0036	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-1 (8-10) (22I0332-01)			Lab File ID: QQQ304266.d		Analyzed: 09/15/22 21:27			
M3PFBS	5.33	84.8	25 - 150	4.6552	4.594452	0.0607	+/-1.00	
M5PFHxA	5.74	83.7	25 - 150	5.376867	5.253693	0.1232	+/-1.00	
M4PFHpA	5.74	81.6	25 - 150	5.905083	5.767476	0.1376	+/-1.00	
M3PFHxS	5.43	98.0	25 - 150	5.947333	5.819569	0.1278	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.74	99.7	25 - 150	6.241083	6.108593	0.1325	+/-1.00	
M6PFDA	5.74	95.3	25 - 150	6.760533	6.649567	0.1110	+/-1.00	
M7PFUdA	5.74	68.9	25 - 150	7.019233	6.922238	0.0970	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	5.74	66.1	25 - 150	7.2871	7.220029	0.0671	+/-1.00	
M2PFTeDA	5.74	57.6	10 - 150	7.898667	7.939419	-0.0408	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	5.74	117	25 - 150	0.7089167	0.9328952	-0.2240	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.49	115	25 - 150	6.525483	6.400448	0.1250	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.74	84.3	25 - 150	3.727867	3.894698	-0.1668	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.74	73.0	10 - 150	7.274617	7.168845	0.1058	+/-1.00	
d3-N-MeFOSAA	5.74	88.4	25 - 150	6.87645	6.766034	0.1104	+/-1.00	
d5-N-EtFOSAA	5.74	107	25 - 150	7.01025	6.909667	0.1006	+/-1.00	
M2-6:2 FTS	5.45	295	25 - 200	6.223767	6.089998	0.1338	+/-1.00	*
M2-8:2 FTS	5.50	250	25 - 200	6.759967	6.638267	0.1217	+/-1.00	*
M9PFNA	5.74	88.8	25 - 150	6.50955	6.38815	0.1214	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-3 (10-12) (22I0332-03)			Lab File ID: QQQ304268.d		Analyzed: 09/15/22 21:53			
M3PFBS	5.73	134	25 - 150	4.680233	4.594452	0.0858	+/-1.00	
M5PFHxA	6.17	81.9	25 - 150	5.393583	5.253693	0.1399	+/-1.00	
M4PFHpA	6.17	65.3	25 - 150	5.913466	5.767476	0.1460	+/-1.00	
M3PFHxS	5.84	129	25 - 150	5.9641	5.819569	0.1445	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	6.17	101	25 - 150	6.241083	6.108593	0.1325	+/-1.00	
M6PFDA	6.17	96.5	25 - 150	6.777333	6.649567	0.1278	+/-1.00	
M7PFUdA	6.17	87.4	25 - 150	7.036016	6.922238	0.1138	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	6.17	93.1	25 - 150	7.3123	7.220029	0.0923	+/-1.00	
M2PFTeDA	6.17	101	10 - 150	7.923817	7.939419	-0.0156	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	6.17	164	25 - 150	0.75895	0.9328952	-0.1739	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.90	130	25 - 150	6.533884	6.400448	0.1334	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.17	134	25 - 150	3.844617	3.894698	-0.0501	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.17	73.4	10 - 150	7.291417	7.168845	0.1226	+/-1.00	
d3-N-MeFOSAA	6.17	86.3	25 - 150	6.893233	6.766034	0.1272	+/-1.00	
d5-N-EtFOSAA	6.17	97.9	25 - 150	7.027033	6.909667	0.1174	+/-1.00	
M2-6:2 FTS	5.85	422	25 - 200	6.232167	6.089998	0.1422	+/-1.00	*
M2-8:2 FTS	5.91	380	25 - 200	6.768367	6.638267	0.1301	+/-1.00	*
M9PFNA	6.17	87.8	25 - 150	6.51795	6.38815	0.1298	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-6 (2-4) (22I0332-06)			Lab File ID: QQQ304271.d		Analyzed: 09/15/22 22:31			
M3PFBS	5.22	131	25 - 150	4.699733	4.594452	0.1053	+/-1.00	
M5PFHxA	5.62	93.6	25 - 150	5.393583	5.253693	0.1399	+/-1.00	
M4PFHpA	5.62	93.6	25 - 150	5.905083	5.767476	0.1376	+/-1.00	
M3PFHxS	5.31	134	25 - 150	5.955717	5.819569	0.1361	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.62	110	25 - 150	6.241083	6.108593	0.1325	+/-1.00	
M6PFDA	5.62	93.1	25 - 150	6.760533	6.649567	0.1110	+/-1.00	
M7PFUdA	5.62	89.3	25 - 150	7.010833	6.922238	0.0886	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	5.62	85.7	25 - 150	7.2871	7.220029	0.0671	+/-1.00	
M2PFTeDA	5.62	87.8	10 - 150	7.89865	7.939419	-0.0408	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	5.62	163	25 - 150	0.7673	0.9328952	-0.1656	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.37	104	25 - 150	6.525483	6.400448	0.1250	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.62	128	25 - 150	3.877967	3.894698	-0.0167	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.62	61.6	10 - 150	7.274617	7.168845	0.1058	+/-1.00	
d3-N-MeFOSAA	5.62	103	25 - 150	6.87645	6.766034	0.1104	+/-1.00	
d5-N-EtFOSAA	5.62	102	25 - 150	7.001867	6.909667	0.0922	+/-1.00	
M2-6:2 FTS	5.33	401	25 - 200	6.223767	6.089998	0.1338	+/-1.00	*
M2-8:2 FTS	5.38	388	25 - 200	6.751333	6.638267	0.1131	+/-1.00	*
M9PFNA	5.62	100	25 - 150	6.50955	6.38815	0.1214	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-7 (0-2) (22I0332-07)			Lab File ID: QQQ304272.d		Analyzed: 09/15/22 22:44			
M3PFBS	5.67	76.7	25 - 150	4.699733	4.594452	0.1053	+/-1.00	
M5PFHxA	6.10	74.2	25 - 150	5.385233	5.253693	0.1315	+/-1.00	
M4PFHpA	6.10	76.4	25 - 150	5.8967	5.767476	0.1292	+/-1.00	
M3PFHxS	5.77	92.5	25 - 150	5.947333	5.819569	0.1278	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	6.10	97.0	25 - 150	6.232683	6.108593	0.1241	+/-1.00	
M6PFDA	6.10	66.2	25 - 150	6.760533	6.649567	0.1110	+/-1.00	
M7PFUdA	6.10	47.8	25 - 150	7.010833	6.922238	0.0886	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	6.10	37.3	25 - 150	7.2871	7.220029	0.0671	+/-1.00	
M2PFTeDA	6.10	33.9	10 - 150	7.890283	7.939419	-0.0491	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	6.10	106	25 - 150	0.7839833	0.9328952	-0.1489	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.84	57.9	25 - 150	6.517083	6.400448	0.1166	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.10	80.6	25 - 150	3.869633	3.894698	-0.0251	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.10	51.9	10 - 150	7.266217	7.168845	0.0974	+/-1.00	
d3-N-MeFOSAA	6.10	51.9	25 - 150	6.86805	6.766034	0.1020	+/-1.00	
d5-N-EtFOSAA	6.10	57.5	25 - 150	7.001867	6.909667	0.0922	+/-1.00	
M2-6:2 FTS	5.79	208	25 - 200	6.215367	6.089998	0.1254	+/-1.00	*
M2-8:2 FTS	5.85	183	25 - 200	6.751333	6.638267	0.1131	+/-1.00	
M9PFNA	6.10	70.5	25 - 150	6.50955	6.38815	0.1214	+/-1.00	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 537m

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QQQ3	Calibration:	YI20019
Lab File ID:	QQQ304172.d	Calibration Date:	09/14/22 17:21
Sequence:	Y2I1429	Injection Date:	09/14/22
Lab Sample ID:	Y2I1429-CCV5	Injection Time:	20:24

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	4.80	4.63	9.004227E-02	8.934698E-02		-3.6	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	4.75	4.21	0.1068123	9.750674E-02		-11.3	30	
N-EtFOSAA	A	5.00	4.35	0.1942137	0.1756615		-13.0	30	
N-MeFOSAA	A	5.00	4.54	0.2219977	0.2223816		-9.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	4.82	4.11	0.1158779	0.1164002		-14.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	4.98	4.32	0.121704	0.1147492		-13.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	5.00	5.09	0.1988827	0.2030403		1.8	30	
Perfluorobutanesulfonic acid (PFBS)	A	4.42	3.80	0.1668315	0.1546052		-14.0	30	
Perfluorodecanoic acid (PFDA)	A	5.00	4.71	0.806297	0.8527858		-5.7	30	
Perfluorododecanoic acid (PFDoA)	A	5.00	4.75	0.7071314	0.7271971		-4.9	30	
Perfluoroheptanoic acid (PFHpA)	A	5.00	4.62	0.8416604	0.8579807		-7.5	30	
Perfluorohexanesulfonic acid (PFHxS)	A	4.56	3.61	0.1370552	0.1269901		-20.8	30	
Perfluorohexanoic acid (PFHxA)	A	5.00	4.59	0.6778102	0.6972492		-8.2	30	
Perfluoro-n-butanoic acid (PFBA)	A	5.00	4.22	0.3959338	0.3603399		-15.6	30	
Perfluorononanoic acid (PFNA)	A	4.80	4.93	0.8783935	0.9946948		2.6	30	
Perfluorooctanesulfonic acid (PFOS)	A	4.62	4.36	0.1240356	0.1321457		-5.6	30	
Perfluorooctanoic acid (PFOA)	A	5.00	4.94	0.8657395	0.9406907		-1.2	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.46	0.2980671	0.2854435		-10.8	30	
Perfluorotetradecanoic acid (PFTA)	A	5.00	4.91	1.003832	1.072677		-1.9	30	
Perfluorotridecanoic acid (PFTrDA)	A	5.00	2.20	3.834758E-02	1.962539E-02		-56.0	30	*
Perfluoroundecanoic acid (PFUnA)	A	5.00	4.90	0.7639115	0.8424564		-1.9	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recovery for antimony was below control limits (90-110%), but not below 50% for Y2I1919-CCV7. Positive results for antimony should be considered as estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recoveries for lead and thallium were above laboratory QC limits for the CRDL sample Y2I2014-CRL2. Positive results for lead and thallium that are below 4 times the MRL should be considered estimated, biased high (J+) in associated aqueous samples.

Blanks: The analyses of the method blanks reported target metals as not detected.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check samples.

Spike Sample Recovery: The percent recoveries for antimony, beryllium, nickel, selenium, and sodium were below control limits (75-125%), but not below 10% for soil spike sample SP-2 (8-10). Positive results for these 5 metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicate: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil duplicate sample SP-2 (8-10), as required.

Laboratory Control Sample: The percent recoveries (%Rs) for barium, chromium, and copper were above QC limits for soil sample BI20593-SRM1. The %Rs for arsenic, barium, copper, lead, magnesium, potassium, and zinc were above QC limits for soil sample BI20594-SRM1. Positive results for these metals should be considered estimated, biased high (J+) in associated soil samples.

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Serial Dilution: The %D for zinc was above the allowable maximum (15%) for soil serial dilution sample SP-2 (8-10). Positive results for zinc that are above the RLs should be considered estimated (J) in associated soil samples.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

SP-2 (8-10)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0332
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20593	Laboratory ID:	BI20593-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: SP-2 (8-10)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	176	12700	12600	NA	75 - 125
Antimony	22.0	3.55	6.72	14.4 *	75 - 125
Arsenic	176	ND	177	101	75 - 125
Barium	176	108	291	104	75 - 125
Beryllium	4.41	ND	1.17	26.6 *	75 - 125
Cadmium	4.41	ND	3.66	83.1	75 - 125
Calcium	88.1	31500	37800	NA	75 - 125
Chromium	17.6	22.0	37.9	90.4	75 - 125
Cobalt	44.1	19.6	59.4	90.3	75 - 125
Copper	22.0	14.9	38.1	105	75 - 125
Iron	88.1	19800	19700	NA	75 - 125
Lead	44.1	14.5	56.2	94.6	75 - 125
Magnesium	88.1	8600	7610	NA	75 - 125
Manganese	44.1	193	246	119	75 - 125
Nickel	44.1	48.5	79.4	69.9 *	75 - 125
Potassium	88.1	6830	6750	NA	75 - 125
Selenium	176	ND	124	70.5 *	75 - 125
Silver	4.41	1.15	5.76	105	75 - 125
Sodium	88.1	194	225	34.8 *	75 - 125
Thallium	176	ND	154	87.2	75 - 125
Vanadium	44.1	27.5	73.1	103	75 - 125
Zinc	44.1	56.8	99.4	96.7	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Batch: BI20593
Laboratory ID: BI20593-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	6640	7750	117	49.7 - 150.6
Antimony	113	57.4	50.7	20.4 - 249.3
Arsenic	72.8	88.6	122	70 - 130.4
Barium	289	388	134 *	75.2 - 130.3
Beryllium	85.8	108	125	74.8 - 132
Cadmium	133	169	127	75 - 145.6
Calcium	3420	3730	109	71.7 - 139.3
Chromium	192	260	135 *	70.1 - 134.2
Cobalt	201	277	138	75.1 - 141.5
Copper	120	164	136 *	75 - 126.4
Iron	11800	13000	110	35.3 - 164.8
Lead	222	260	117	74.1 - 125.9
Magnesium	1850	2460	133	61.3 - 138.7
Manganese	462	604	131	77.3 - 132.8
Nickel	292	388	133	70 - 144
Potassium	1620	2010	124	58.2 - 141.8
Selenium	108	93.3	86.1	66.9 - 133.8
Silver	47.6	56.1	118	70.2 - 129.8
Sodium	97.5	ND		30.5 - 170.1
Thallium	62.8	71.4	114	64.3 - 135.3
Vanadium	73.8	89.6	121	65.6 - 134.3
Zinc	133	171	129	70 - 130

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Batch: BI20594
Laboratory ID: BI20594-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	6640	8800	132	49.7 - 150.6
Antimony	113	64.1	56.6	20.4 - 249.3
Arsenic	72.8	99.6	137 *	70 - 130.4
Barium	289	403	139 *	75.2 - 130.3
Beryllium	85.8	111	129	74.8 - 132
Cadmium	133	168	126	75 - 145.6
Calcium	3420	4030	118	71.7 - 139.3
Chromium	192	257	133	70.1 - 134.2
Cobalt	201	271	135	75.1 - 141.5
Copper	120	172	143 *	75 - 126.4
Iron	11800	15100	127	35.3 - 164.8
Lead	222	288	130 *	74.1 - 125.9
Magnesium	1850	2670	144 *	61.3 - 138.7
Manganese	462	610	132	77.3 - 132.8
Nickel	292	386	132	70 - 144
Potassium	1620	2320	143 *	58.2 - 141.8
Selenium	108	94.4	87.2	66.9 - 133.8
Silver	47.6	36.1	75.9	70.2 - 129.8
Sodium	97.5	ND		30.5 - 170.1
Thallium	62.8	68.6	109	64.3 - 135.3
Vanadium	73.8	97.6	132	65.6 - 134.3
Zinc	133	174	131 *	70 - 130

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

SP-2 (8-10)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Laboratory ID: Y2I1919-SRD3
Sequence: Y2I1919
Lab Source ID: 22I0332-02
Preparation: BI20593
Initial/Final: 0.6 / 50
Source Sample Name: SP-2 (8-10)
% Solids: 94.54

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	12700		12000		5.09		EPA 6010D	10
Antimony	3.55		ND				EPA 6010D	10
Arsenic	ND		ND				EPA 6010D	10
Barium	108		112		3.69		EPA 6010D	10
Beryllium	ND		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	31500		30900		1.74		EPA 6010D	10
Chromium	22.0		22.4		1.79		EPA 6010D	10
Cobalt	19.6		21.2		8.57		EPA 6010D	10
Copper	14.9		13.6		8.73		EPA 6010D	10
Iron	19800		21100		6.70		EPA 6010D	10
Lead	14.5		13.3		8.59		EPA 6010D	10
Magnesium	8600		8880		3.23		EPA 6010D	10
Manganese	193		201		4.07		EPA 6010D	10
Nickel	48.5		51.0		5.10		EPA 6010D	10
Potassium	6830		6870		0.476		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	1.15		ND				EPA 6010D	10
Sodium	194		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	27.5		28.6		4.10		EPA 6010D	10
Zinc	56.8		71.9		26.6 *		EPA 6010D	10

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/16/22
Control Limt: +/- 10.00%
Sequence: Y2I1919

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I1919-CCV6	Cobalt	2.50	2.67	107		ug/mL	EPA 6010D
	Copper	1.25	1.26	100		ug/mL	EPA 6010D
	Iron	5.00	5.33	107		ug/mL	EPA 6010D
	Lead	0.500	0.508	102		ug/mL	EPA 6010D
	Magnesium	25.0	27.2	109		ug/mL	EPA 6010D
	Manganese	2.50	2.68	107		ug/mL	EPA 6010D
	Nickel	2.50	2.58	103		ug/mL	EPA 6010D
	Potassium	5.00	4.83	96.5		ug/mL	EPA 6010D
	Selenium	0.500	0.513	103		ug/mL	EPA 6010D
	Silver	1.25	1.29	103		ug/mL	EPA 6010D
	Sodium	25.0	24.2	96.6		ug/mL	EPA 6010D
	Thallium	0.500	0.516	103		ug/mL	EPA 6010D
	Vanadium	2.50	2.64	106		ug/mL	EPA 6010D
	Zinc	2.50	2.71	108		ug/mL	EPA 6010D
Y2I1919-CCV7	Aluminum	10.0	9.80	98.0		ug/mL	EPA 6010D
	Antimony	0.250	0.217	86.9	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.500	99.9		ug/mL	EPA 6010D
	Barium	10.0	10.5	105		ug/mL	EPA 6010D
	Beryllium	0.250	0.260	104		ug/mL	EPA 6010D
	Cadmium	0.250	0.247	99.0		ug/mL	EPA 6010D
	Calcium	25.0	24.4	97.8		ug/mL	EPA 6010D
	Chromium	1.00	1.03	103		ug/mL	EPA 6010D
	Cobalt	2.50	2.58	103		ug/mL	EPA 6010D
	Copper	1.25	1.22	97.3		ug/mL	EPA 6010D
	Iron	5.00	5.17	103		ug/mL	EPA 6010D
	Lead	0.500	0.494	98.8		ug/mL	EPA 6010D
	Magnesium	25.0	26.6	106		ug/mL	EPA 6010D
	Manganese	2.50	2.61	105		ug/mL	EPA 6010D
	Nickel	2.50	2.50	100		ug/mL	EPA 6010D
	Potassium	5.00	4.91	98.2		ug/mL	EPA 6010D
	Selenium	0.500	0.505	101		ug/mL	EPA 6010D
	Silver	1.25	1.25	99.9		ug/mL	EPA 6010D
	Sodium	25.0	23.2	93.0		ug/mL	EPA 6010D
	Thallium	0.500	0.500	100		ug/mL	EPA 6010D
	Vanadium	2.50	2.57	103		ug/mL	EPA 6010D
	Zinc	2.50	2.64	105		ug/mL	EPA 6010D
Y2I1919-CCV8	Aluminum	10.0	9.89	98.9		ug/mL	EPA 6010D

CRDL STANDARD

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0332
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/19/22
Sequence: Y2I2014

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
Y2I2014-CRL2	Calcium	0.250	0.278	111	ug/mL	25 - 175
	Chromium	0.00250	0.003	121	ug/mL	25 - 175
	Cobalt	0.00200	0.002	81.9	ug/mL	25 - 175
	Copper	0.0200	0.022	108	ug/mL	25 - 175
	Iron	0.250	0.235	94.0	ug/mL	25 - 175
	Lead	0.00250	0.005	186 *	ug/mL	25 - 175
	Magnesium	0.250	0.209	83.6	ug/mL	25 - 175
	Manganese	0.00500	0.005	108	ug/mL	25 - 175
	Nickel	0.00500	0.004	75.7	ug/mL	25 - 175
	Potassium	0.250	0.120	47.9	ug/mL	25 - 175
	Selenium	0.0125	0.013	102	ug/mL	25 - 175
	Silver	0.00500	0.004	77.6	ug/mL	25 - 175
	Sodium	0.250	0.331	133	ug/mL	25 - 175
	Thallium	0.0125	0.027	218 *	ug/mL	25 - 175
	Vanadium	0.00500	0.005	103	ug/mL	25 - 175
	Zinc	0.0125	0.012	99.3	ug/mL	25 - 175

* Values outside of QC limits

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 7196A Hexavalent Chromium (Cr6+)
Data for York Analytical Laboratories, Inc., SDG: 22I0332

11 Soil Samples
Collected September 7, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported Cr6+ as not detected.

Spike Sample Recovery: This data was not provided.

Laboratory Duplicate: This data was not provided.

Laboratory Control Sample: The percent recovery for Cr6+ was within QC limits for soil sample BI21195-SRM1.

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22l0453

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 6 soil and 3 ground water samples analyzed for volatiles, semi-volatiles, pesticides, PCBs, TAL metals, and hexavalent chromium, and the results of 3 soil and 3 ground water samples analyzed for 1,4-dioxane by SIM and PFAS.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals analyses.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile result for methylene chloride was qualified as "not detected" (U) for sample MW-3 because the level reported in the sample was not significantly greater than (more than 10 times) the highest associated blank level.

- The positive volatile results for acetone were qualified as "estimated" (J) for all 3 ground water samples because the %RSD for acetone was above the allowable maximum in the associated initial calibration.

- The "not detected" volatile results for cyclohexane were qualified as "estimated" (UJ) for all 3 ground water samples because 2 of 2 percent recoveries for cyclohexane were below QC limits, but not below 30% in the associated aqueous LCS/LCSDs.

- The "not detected" volatile results for bromomethane were qualified as "rejected, unusable" (R) for all 3 ground water samples because 2 of 2 percent recoveries for bromomethane were below QC limits and below 30% in the associated aqueous LCS/LCSDs.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The "not detected" volatile result for 1,2,3-trichlorobenzene was qualified as "estimated" (UJ) for sample MW-3 because 1 of 2 percent recoveries for 1,2,3-trichlorobenzene was below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The "not detected" volatile results for 1,4-dioxane were qualified as "rejected, unusable" (R) for all 3 ground water samples because average RRF and RRFs for 1,4-dioxane were below the allowable minimum in the associated initial and continuing calibrations.

- The positive SIM semi-volatile results for 5 compounds were qualified as "estimated" (J) for sample MW-1 because the %Ds for these 5 compounds were above the allowable maximum in the associated continuing calibration.

- The positive SIM semi-volatile results for 10 compounds were qualified as "estimated" (J) for sample MW-2 because the %Ds for these 10 compounds were above the allowable maximum in the associated continuing calibration.

- The positive SIM semi-volatile results for 9 compounds were qualified as "estimated" (J) for sample MW-3 because the %Ds for these 9 compounds were above the allowable maximum in the associated continuing calibration.

- The "not detected" SIM semi-volatile results for n-nitrosodimethylamine were qualified as "rejected, unusable" (R) for all 3 ground water samples because the percent recovery for n-nitrosodimethylamine was below QC limits and below 30% in the associated aqueous LCS.

- The positive SIM semi-volatile result for bis(2-ethylhexyl)phthalate was qualified as "not detected" (U) for sample MW-3 because the level reported in the sample was not significantly greater than (more than 10 times) the highest associated blank level.

- The "not detected" semi-volatile results for 3,3-dichlorobenzidine were qualified as "estimated" (UJ) for all 3 ground water samples because 2 of 2 percent recoveries for 3,3-dichlorobenzidine were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The positive semi-volatile results for anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, and chrysene were qualified as "estimated, biased low" (J-) for sample SP-15 (6-8) because 1 of 3 base/neutral surrogate recoveries was below control limits for the second re-analysis of the sample.

- The positive PFAS result for PFBA was qualified as "estimated" (J) for sample SP-12 (10-12) because percent recovery for the surrogate used to quantitate PFBA was above QC limits in the sample.

- The positive total metal results for iron were qualified as estimated, biased high (J+) for all 3 ground water samples because the percent recoveries for iron were above control limits, but not above 150% in the associated continuing calibration verification samples.

- The positive total metal result for zinc was qualified as estimated, biased high (J+) for sample MW-1 because the percent recovery for zinc was above control limits, but not above 150% in the associated continuing calibration verification sample.

- The dissolved metal result for antimony was qualified as estimated, biased high (J+) for sample MW-1 because the percent recovery for antimony was above control limits, but not above 150% in the associated continuing calibration verification sample.

- The positive total metal results for sodium were qualified as estimated, biased high (J+) for all 3 ground water samples because the percent recovery for sodium was above control limits in the associated aqueous total LCS.

- The positive dissolved metal results for sodium were qualified as estimated, biased low (J-) for all 3 ground water samples because the percent recovery for sodium was below control limits and below 30% in the associated aqueous dissolved LCS.

- The positive total metal results for cadmium were qualified as estimated, biased low (J-) for all 3 ground water samples because the percent recovery for cadmium was below control limits, but not below 50% in the associated continuing calibration verification sample.

- The positive metal results for copper and zinc were qualified as estimated, biased high (J+) for all 6 soil samples because the percent recoveries for copper and zinc were above control limits in the associated soil spike sample.

- The positive metal results for arsenic, calcium, magnesium, and manganese were qualified as estimated (J) for all 6 soil samples because the relative percent differences for these 4 metals were above the allowable maximum in the associated soil duplicate sample.

- The positive metal results for sodium were qualified as estimated, biased low (J-) for samples SP-14 (6-8), SP-12 (10-12), SP-17 (4-6), SP-15 (6-8), and SP-16 (8-10) because the percent recovery for sodium was below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal result for sodium was qualified as estimated (UJ) for samples SP-13 (10-12) because the percent recovery for sodium was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for antimony were qualified as estimated, biased low (J-) for samples SP-13 (10-12), SP-14 (6-8), and SP-17 (4-6) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal results for antimony were qualified as estimated (UJ) for samples SP-12 (10-12), SP-15 (6-8), and SP-16 (8-10) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for nickel were qualified as estimated (J) for samples SP-13 (10-12), SP-14 (6-8), SP-17 (4-6), SP-15 (6-8), and SP-16 (8-10) because the %D for nickel was above the allowable maximum in the associated soil serial dilution sample and the results were above the MRLs.

- The metal results for lead were qualified as estimated, biased high (J+) for samples SP-13 (10-12) and SP-14 (6-8) because the percent recovery for lead was above control limits, but not above 150% in the associated continuing calibration verification sample.

- The metal results for cobalt and nickel were qualified as estimated, biased high (J+) for sample SP-12 (10-12) because the percent recoveries for cobalt and nickel were above control limits, but not above 150% in the associated continuing calibration verification sample.

- The metal results for potassium were qualified as estimated, biased high (J+) for samples SP-12 (10-12), SP-17 (4-6), SP-15 (6-8), and SP-16 (8-10) because the percent recoveries for potassium were above control limits, but not above 150% in the associated continuing calibration verification samples.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	ug/L	40.0	80.0	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**1.21**		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**8.04**	J	ug/L	1.00	2.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	**Carbon disulfide**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	**tert-Butyl alcohol (TBA)**	**1.47**	Cal-E	ug/L	0.500	1.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:14	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*126 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*79-122*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	09/14/2022 08:05	09/14/2022 19:38	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.0 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.1 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.82**	J	ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.0778**	J	ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.0667**	J	ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.678**		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**1.82**		ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.722**	J	ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.0667**	J	ug/L	0.0556	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 21:57	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.304**		ug/L	0.300	1	EPA 8270E SIM	09/15/2022 10:56	09/16/2022 13:51	KH
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**3.88**		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**5.44**		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**6.05**		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**69.9**		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
						Certifications:				

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**5.69**		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**5.78**		ng/L	2.00	1 Certifications:	EPA 537m	09/12/2022 12:41	09/15/2022 18:25	WEL

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*79.7 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*121 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*103 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*123 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*92.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*26.9 %*	*10-150*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*274 %*	PFSu-H	*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*221 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.8 %*		*25-150*						

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00523**		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:00	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 04:59	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**504**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**20.2**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2590**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**1.48**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.479**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**8.79**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**1320**	J+	mg/L	27.8	100	EPA 6010D	09/13/2022 12:07	09/15/2022 22:40	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**52.7**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**232**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**20.2**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**1.55**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**73.3**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.0413**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**141**	J+	mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**1.61**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:09	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**58.4**	J+	mg/L	0.278	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:25	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**0.152**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**133**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**0.0201**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**19.5**		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.461**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**10.6**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**46.5**	J-	mg/L	0.556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**0.0517**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:39	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**24.6**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**4090**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**20.2**		ug/L	3.33	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**220**	J-	ug/L	5.56	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**2040**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	**Thallium**	**16.0**		ug/L	11.1	10	EPA 6020B	09/19/2022 10:25	09/22/2022 19:11	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**7.29**	J+	ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**11.3**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**2.40**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22I0453-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 8:30 am	09/08/2022

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/16/2022 17:46	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**1.48**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
						Certifications:				

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	ug/L	40.0	80.0	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**2.84**	J	ug/L	1.00	2.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260D	09/14/2022 06:44	09/14/2022 20:40	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:09	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.514**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0571**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.206**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.171**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.114**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.126**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.149**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	**Chrysene**	**0.183**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.503**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.286**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.811**		ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.800**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.309**	J	ug/L	0.0571	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 22:29	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	09/15/2022 10:56	09/16/2022 14:08	KH
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**2.08**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**2.55**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**10.6**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:38	WEL
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*93.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*94.5 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*95.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*105 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.0 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*12.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*151 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*	*25-200*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C9PFNA	*Surrogate: M9PFNA*	*95.3 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:17	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:13	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**96.0**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**3.42**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**494**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**0.364**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.103**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**2.54**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**486**	J+	mg/L	2.78	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:28	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**33.4**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**33.3**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**8.31**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**12.2**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.0120**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**38.8**	J+	mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**0.421**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:11	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**10.7**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**0.111**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**187**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**0.0119**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**8.20**		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.578**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**6.61**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**19.1**	J-	mg/L	0.556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:49	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**32.7**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**434**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**1.80**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**10.5**	J-	ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**90.8**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:14	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**11.3**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**17.6**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**1.92**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:48	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22I0453-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:15 am	09/08/2022

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.364**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
						Certifications:				

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ	ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	**1,3,5-Trimethylbenzene**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	ug/L	40.0	80.0	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.400**	J	ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**3.82**	J	ug/L	1.00	2.00	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	R	ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**1.34**	U J, B	ug/L	1.00	2.00	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	**tert-Butyl alcohol (TBA)**	**0.870**	Cal-E, J	ug/L	0.500	1.00	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260D	09/15/2022 06:30	09/15/2022 16:11	JTG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/14/2022 08:05	09/14/2022 20:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.116**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0737**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.0632**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0526**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.0632**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.611**	U	B	ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	**Chrysene**	**0.0737**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.189**	J		ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0632**			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND			ug/L	0.0211	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND			ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND			ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.684**			ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.221**	J	ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.126**	J	ug/L	0.0526	1	EPA 8270D SIM	09/14/2022 08:05	09/14/2022 23:01	KH
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	09/15/2022 10:56	09/16/2022 14:26	KH
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**3.47**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**10.6**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**9.26**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**43.0**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**15.1**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**11.0**		ng/L	1.79	1	EPA 537m	09/12/2022 12:41	09/15/2022 18:51	WEL
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*86.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*84.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*93.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*101 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*27.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.0 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*143 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*167 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.8 %*	*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	09/12/2022 07:28	09/23/2022 04:34	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.3 %*	*30-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	09/12/2022 07:28	09/13/2022 05:26	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**119**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**15.0**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1160**	B	mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**0.331**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.112**		mg/L	0.00444	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**1.09**		mg/L	0.0222	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**298**	J+	mg/L	2.78	10	EPA 6010D	09/13/2022 12:07	09/14/2022 20:31	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**20.3**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**106**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**6.18**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**0.288**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**27.0**		mg/L	0.0556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.0182**		mg/L	0.00556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**73.8**	J+	mg/L	0.556	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**0.467**		mg/L	0.0111	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**7.22**		mg/L	0.0278	1	EPA 6010D	09/13/2022 12:07	09/14/2022 13:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**0.202**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**245**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.00523**		mg/L	0.00444	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**0.0601**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**58.2**		mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.720**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**16.6**	B	mg/L	0.0556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**0.00735**		mg/L	0.00556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**64.3**	J-	mg/L	0.556	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**0.0111**		mg/L	0.0111	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**0.104**		mg/L	0.0278	1	EPA 6010D	09/15/2022 14:04	09/16/2022 18:52	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**16.1**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**149**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**1.39**		ug/L	0.333	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**8.38**	J-	ug/L	0.556	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**44.1**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	**Thallium**	**1.46**		ug/L	1.11	1	EPA 6020B	09/19/2022 10:25	09/22/2022 19:17	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**8.08**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**18.6**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**2.60**		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/15/2022 14:11	09/22/2022 17:51	KT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0004**		mg/L	0.0002	1	EPA 7470	09/14/2022 19:17	09/14/2022 19:17	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/15/2022 16:56	09/15/2022 16:56	AA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22I0453-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Water	September 8, 2022 9:45 am	09/08/2022

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	09/09/2022 18:09	09/09/2022 22:25	ZTS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.331**		mg/L	0.0100	1	Calculation	09/26/2022 10:05	09/26/2022 10:11	PAM
						Certifications:				

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**2.7**	J	ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**32**		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**24**		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:05	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.150**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.221	0.442	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.239**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.460**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.382**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.280**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.164**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.309**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.109**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.447**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0705**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.0723**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.11**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.138**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.157**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0679**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.987**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.923**		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:12	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	18.7	1	EPA 8270D SIM	09/23/2022 10:05	09/24/2022 16:44	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	HT-01R	*39-127.5*

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**0.530**		ug/kg dry	0.308	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 07:51	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*74.3 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*74.7 %*	*25-150*

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*77.0 %*		*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*89.4 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*67.1 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*57.8 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.7 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.7 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*88.0 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*63.5 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*71.9 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*68.5 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*70.0 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*87.5 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*167 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*76.9 %*		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0446	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00223	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0112	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.113	5	EPA 8081B	09/21/2022 08:47	09/23/2022 04:51	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*122 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0225	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:36	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-140*

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7100**		mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**4.58**	J-	mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**19.6**	J	mg/kg dry	2.07	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**167**		mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.069	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.414	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**15800**	J B	mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.82**		mg/kg dry	0.552	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**50.9**	J+	mg/kg dry	2.76	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**25500**		mg/kg dry	34.5	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**377**	J+	mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3030**	J	mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**318**	J	mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**17.2**	J	mg/kg dry	1.38	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1220**		mg/kg dry	6.90	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.690	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND	UJ	mg/kg dry	69.0	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**26.1**		mg/kg dry	1.38	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**296**	J+	mg/kg dry	3.45	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:55	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-13 (10-12) **York Sample ID:** 22I0453-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:15 am	09/08/2022

Mercury by 7473

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.31**		mg/kg dry	0.0407	1	EPA 7473	09/24/2022 10:45	09/24/2022 14:25	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.679	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.4**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**73.7**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	86	170	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/kg dry	8.6	17	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	8.6	17	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	8.6	17	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.6	17	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	26	1	EPA 8260C	09/13/2022 06:23	09/14/2022 00:33	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.0568**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.190**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.138**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.598**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**1.65**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.56**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.15**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.670**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**1.23**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.151**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**1.52**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.269**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.115**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**2.82**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.213**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.683**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0997**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**1.80**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**2.46**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	09/22/2022 08:55	09/23/2022 20:42	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	19.0	1	EPA 8270D SIM	09/23/2022 10:05	09/24/2022 17:01	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	HT-01R	*39-127.5*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.291	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
						Certifications:				

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.291	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:03	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*70.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*71.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*77.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*81.6 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*70.5 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*58.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*61.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*83.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*57.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*69.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*53.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*66.5 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*68.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*62.7 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*78.4 %*	*25-150*

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0382	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00955	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0967	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:42	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*111 %*	*30-150*

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/21/2022 08:47	09/22/2022 22:49	BJ
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*114 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6230**			mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-36-0	**Antimony**	**4.16**	J-		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-38-2	**Arsenic**	**6.99**	J		mg/kg dry	1.89	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-39-3	**Barium**	**64.9**			mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-41-7	Beryllium	ND			mg/kg dry	0.063	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-43-9	Cadmium	ND			mg/kg dry	0.378	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-70-2	**Calcium**	**4330**	J	B	mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-47-3	**Chromium**	**14.5**			mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-48-4	**Cobalt**	**6.40**			mg/kg dry	0.505	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-50-8	**Copper**	**31.5**	J+		mg/kg dry	2.52	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-89-6	**Iron**	**18700**			mg/kg dry	31.5	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**763**	J+	mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2080**	J	mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**228**	J	mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**20.0**	J	mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1100**		mg/kg dry	6.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.631	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**264**	J-	mg/kg dry	63.1	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.2**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**58.9**	J+	mg/kg dry	3.15	1	EPA 6010D	09/16/2022 09:18	09/19/2022 19:57	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.04**		mg/kg dry	0.0353	1	EPA 7473	09/24/2022 10:45	09/24/2022 14:37	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.5**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-14 (6-8) **York Sample ID:** 22I0453-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 10:45 am	09/08/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.9		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**47**		ug/kg dry	7.0	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:02	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.466**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.966**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.361**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.203	0.405	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**1.93**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**4.31**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**4.41**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**2.62**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.64**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**2.55**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.785**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**4.12**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.521**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.604**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**9.30**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**1.10**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.49**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**1.07**		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D	09/22/2022 08:55	09/23/2022 21:14	GMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**8.32**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**8.14**		mg/kg dry	0.253	0.506	10	EPA 8270D	09/22/2022 08:55	09/24/2022 17:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.1 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-01R	ug/kg	19.2	1	EPA 8270D SIM	09/23/2022 10:05	09/24/2022 17:18	KH
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	HT-01R	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.290	1	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
						Certifications:				

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.313**		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**0.328**	J	ug/kg dry	0.290	1 Certifications:	EPA 537m	09/13/2022 14:16	09/17/2022 08:16	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*74.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*59.3 %*	*25-150*

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*139 %*		*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*109 %*		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*88.8 %*		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*79.8 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*76.2 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.8 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*153 %*	PFSu-H	*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*114 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*48.1 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.2 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*383 %*	PFSu-H	*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*285 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.4 %*		*25-150*						

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0405	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0101	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.102	5	EPA 8081B	09/21/2022 08:47	09/23/2022 05:59	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:03	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-140*

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4350**			mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**20.7**	J		mg/kg dry	1.95	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**677**			mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND			mg/kg dry	0.065	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.390	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**8880**	J	B	mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.8**			mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.12**	J+		mg/kg dry	0.520	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**57.7**	J+		mg/kg dry	2.60	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12000**			mg/kg dry	32.5	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**740**			mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**729**	J		mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**118**	J		mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.1**	J+		mg/kg dry	1.30	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**720**	J+	B	mg/kg dry	6.50	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.650	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**160**	J-		mg/kg dry	65.0	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.35	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**18.4**			mg/kg dry	1.30	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**236**	J+		mg/kg dry	3.25	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-12 (10-12) **York Sample ID:** 22I0453-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:15 am	09/08/2022

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**10.8**		mg/kg dry	0.0370	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:10	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.617	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.8**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**81.0**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-17 (4-6)

York Sample ID: 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	93	190	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**28**		ug/kg dry	9.3	19	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	9.3	19	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/kg dry	9.3	19	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.3	19	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	28	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:30	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0789**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.121**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.313**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.333**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.272**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.173**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.299**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.0549**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.343**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.656**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0658**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.155**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0542**	J	mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.527**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.504**		mg/kg dry	0.0485	0.0968	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:08	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SP-17 (4-6)

York Sample ID: 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.9 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.4 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00961	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0972	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:15	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:16	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*118 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	6.15	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**5.50**	J-	mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**7.11**	J	mg/kg dry	1.84	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**91.7**		mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.075**			mg/kg dry	0.061	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.369	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1650**	J	B	mg/kg dry	6.15	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**15.9**			mg/kg dry	0.615	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.04**			mg/kg dry	0.492	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**19.1**	J+		mg/kg dry	2.46	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**21100**			mg/kg dry	30.7	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**103**			mg/kg dry	0.615	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2710**	J		mg/kg dry	6.15	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**331**	J		mg/kg dry	0.615	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**20.2**	J		mg/kg dry	1.23	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1200**	J+	B	mg/kg dry	6.15	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.615	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**2310**	J-		mg/kg dry	61.5	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.28	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.7**			mg/kg dry	1.23	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**52.9**	J+		mg/kg dry	3.07	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.28**		mg/kg dry	0.0351	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:23	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 22I0453-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 11:45 am	09/08/2022

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.9**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.6**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**9.9**		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**57**		ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**6.8**	J	ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	09/13/2022 06:23	09/14/2022 01:59	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**1.39**		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-15 (6-8)

York Sample ID: 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**23.8**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**13.3**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**64.2**	J-	mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**40.5**	J-	mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**54.8**	J-	mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**21.7**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**30.9**	J-	mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**28.2**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**43.0**	J-	mg/kg dry	1.23	2.46	50	EPA 8270D	09/21/2022 08:31	09/23/2022 17:32	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**4.41**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**0.146**		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**107**		mg/kg dry	2.47	4.92	100	EPA 8270D	09/21/2022 08:31	09/24/2022 15:11	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**13.5**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**24.9**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**2.43**		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0985	2	EPA 8270D	09/21/2022 08:31	09/22/2022 18:39	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**14.8**		mg/kg dry	0.493	0.985	20	EPA 8270D	09/21/2022 08:31	09/23/2022 16:57	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**183**		mg/kg dry	4.93	9.85	200	EPA 8270D	09/21/2022 08:31	09/27/2022 13:18	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.5 %*	*24-116*

Sample Information

Client Sample ID: SP-15 (6-8)

York Sample ID: 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0388	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00971	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0983	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:32	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*114 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.1 %*	*30-150*

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:30	BJ
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3560**			mg/kg dry	6.32	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-36-0	Antimony	ND	UJ		mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-38-2	**Arsenic**	**2.17**	J		mg/kg dry	1.90	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-39-3	**Barium**	**36.4**			mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-41-7	Beryllium	ND			mg/kg dry	0.063	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-43-9	Cadmium	ND			mg/kg dry	0.379	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-70-2	**Calcium**	**212000**	J	B	mg/kg dry	6.32	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-47-3	**Chromium**	**6.43**			mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-48-4	**Cobalt**	**3.07**			mg/kg dry	0.505	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-50-8	**Copper**	**13.7**	J+		mg/kg dry	2.53	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-89-6	**Iron**	**4570**			mg/kg dry	31.6	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**31.7**		mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1220**	J	mg/kg dry	6.32	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**163**	J	mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.80**	J	mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**373**	J+ B	mg/kg dry	6.32	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	**Silver**	**3.66**		mg/kg dry	0.632	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**878**	J-	mg/kg dry	63.2	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.31	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**7.52**		mg/kg dry	1.26	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**30.5**	J+	mg/kg dry	3.16	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:17	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.579**		mg/kg dry	0.0360	1	EPA 7473	09/24/2022 10:45	09/24/2022 15:33	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.600	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**6.43**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SP-15 (6-8) **York Sample ID:** 22I0453-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:15 pm	09/08/2022

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.3		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**8.5**		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**50**		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**12**		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	09/13/2022 06:23	09/14/2022 02:27	BMC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	NELAC-NY10854,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.888**		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.223	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**4.01**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**4.67**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.223	0.446	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**24.8**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**30.3**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**25.2**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**17.0**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**9.29**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**20.4**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**2.66**		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**26.8**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**3.77**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**3.50**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**70.3**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**9.01**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**12.8**		mg/kg dry	0.558	1.11	20	EPA 8270D	09/21/2022 08:31	09/23/2022 18:05	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**1.69**		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0558	0.111	2	EPA 8270D	09/21/2022 08:31	09/22/2022 19:10	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**72.8**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**57.5**		mg/kg dry	1.40	2.78	50	EPA 8270D	09/21/2022 08:31	09/23/2022 18:40	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.3 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.6 %*	*24-116*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0441	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.0110	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.112	5	EPA 8081B	09/21/2022 08:47	09/23/2022 06:49	CM
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	09/21/2022 08:47	09/22/2022 23:43	BJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6670**			mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-36-0	Antimony	ND	UJ		mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-38-2	**Arsenic**	**12.6**	J		mg/kg dry	2.15	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-39-3	**Barium**	**209**			mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-41-7	**Beryllium**	**0.107**			mg/kg dry	0.072	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-43-9	Cadmium	ND			mg/kg dry	0.431	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-70-2	**Calcium**	**6170**	J	B	mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-47-3	**Chromium**	**12.1**			mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-48-4	**Cobalt**	**8.07**			mg/kg dry	0.574	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-50-8	**Copper**	**45.2**	J+		mg/kg dry	2.87	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-89-6	**Iron**	**9330**			mg/kg dry	35.9	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-92-1	**Lead**	**296**			mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-95-4	**Magnesium**	**1130**	J		mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-96-5	**Manganese**	**89.6**	J		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: SP-16 (8-10) **York Sample ID:** 22I0453-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0453	220058 601-607 Union St., Brooklyn, NY	Soil	September 8, 2022 12:45 pm	09/08/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**19.7**	J	mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1340**	J+ B	mg/kg dry	7.18	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.718	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**196**	J-	mg/kg dry	71.8	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.49	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**26.4**		mg/kg dry	1.44	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**77.1**	J+	mg/kg dry	3.59	1	EPA 6010D	09/16/2022 09:30	09/20/2022 17:19	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**12.0**		mg/kg dry	0.0402	1	EPA 7473	09/24/2022 10:45	09/24/2022 16:11	KT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.670	1	EPA 7196A	09/23/2022 14:26	09/23/2022 20:56	SMK
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	09/26/2022 10:01	09/26/2022 10:11	PAM
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**74.6**		%	0.100	1	SM 2540G	09/16/2022 10:06	09/16/2022 15:58	LAR
						Certifications:	CTDOH-PH-0723			

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone and 2-hexanone were below the method minimums, but not below 0.010 for QVOA9 on 09-01-22. No action is taken when fewer than 20% of the compounds per calibration do not meet average RRF criteria, provided the average RRFs are not below 0.010.

The average RRF for 1,4-dioxane was below the allowable minimum (0.001) for QVOA9 on 09-01-22. Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %RSD for acetone was above the allowable maximum (30%) for QVOA9 on 09-01-22. Positive results for acetone should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for 2-butanone was below the method minimum, but not below 0.010 on 09-13-22 (QV428348.D). The RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, and bromomethane were below the method minimums, but not below 0.010 on 09-14-22 (QV922927.D). The RRFs for 2-butanone, 2-hexanone, acetone, bromoform, and bromomethane were below the method minimums, but not below 0.010 on 09-15-22 (QV922980.D). The %Ds for 1,1,2-trichloro-1,2,2-trifluoroethane, 1,2-dichloroethane, carbon tetrachloride, MTBE, and tetrachloroethylene were above the method maximum on 09-13-22 (QV428348.D). The %Ds for 9 compounds (marked with a red X on attached FORM VII) were above the method maximum on 09-14-22 (QV922927.D). The %Ds for 6 compounds (marked with a red X on attached FORM VII) were above the method maximum on 09-15-22 (QV922980.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

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The RRFs for 1,4-dioxane were below the allowable minimum (0.001) on 09-14-22 (QV922927.D) and 09-15-22 (QV922980.D). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 1,1,2-trichloro-1,2,2-trifluoroethane, 1,2-dichloroethane, carbon tetrachloride, dibromomethane, MTBE, n-butylbenzene, and tetrachloroethylene were above the allowable maximum (20%) on 09-13-22 (QV428348.D). The %Ds for 14 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 09-14-22 (QV922927.D). The %Ds for 11 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 09-15-22 (QV922980.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BI20807-BLK1 contained a trace of methylene chloride (1.05 ug/L). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated aqueous samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil and ground water samples.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for TBA were above QC limits for soil samples BH21859-BS1/BSD1. Positive results for TBA should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for dichlorodifluoromethane and trichlorofluoromethane were above QC limits for aqueous samples BI20708-BS1/BSD1. Two of two %Rs for trichlorofluoromethane were above QC limits for aqueous samples BI20807-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Two of two %Rs for cyclohexane were below QC limits, but not below 30% for aqueous samples BI20708-BS1/BSD1. Two of two %Rs for cyclohexane and 1 of 2 %Rs for 1,2,3-tribenzene were below QC limits, but not below 30% for aqueous samples BI20807-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The RPD for bromomethane was above the allowable maximum and 2 of 2 %Rs for bromomethane were below QC limits and below 30% for aqueous samples BI20708-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for bromomethane were below QC limits and below 30% for aqueous samples BI20807-BS1/BSD1. Positive results for bromomethane should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47.7	95.5	75 - 129
1,1,1-Trichloroethane	50.0	45.3	90.6	71 - 137
1,1,2,2-Tetrachloroethane	50.0	49.8	99.5	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	43.0	86.0	58 - 146
1,1,2-Trichloroethane	50.0	45.5	91.0	83 - 123
1,1-Dichloroethane	50.0	45.2	90.4	75 - 130
1,1-Dichloroethylene	50.0	41.8	83.6	64 - 137
1,2,3-Trichlorobenzene	50.0	47.1	94.2	81 - 140
1,2,3-Trichloropropane	50.0	46.7	93.4	81 - 126
1,2,4-Trichlorobenzene	50.0	48.3	96.7	80 - 141
1,2,4-Trimethylbenzene	50.0	46.5	93.0	84 - 125
1,2-Dibromo-3-chloropropane	50.0	49.4	98.8	74 - 142
1,2-Dibromoethane	50.0	48.6	97.2	86 - 123
1,2-Dichlorobenzene	50.0	46.7	93.4	85 - 122
1,2-Dichloroethane	50.0	41.4	82.8	71 - 133
1,2-Dichloropropane	50.0	48.1	96.2	81 - 122
1,3,5-Trimethylbenzene	50.0	46.1	92.2	82 - 126
1,3-Dichlorobenzene	50.0	47.2	94.5	84 - 124
1,4-Dichlorobenzene	50.0	46.3	92.6	84 - 124
1,4-Dioxane	1050	1180	112	10 - 228
2-Butanone	50.0	48.1	96.1	58 - 147
2-Hexanone	50.0	44.9	89.9	70 - 139
4-Methyl-2-pentanone	50.0	47.3	94.5	72 - 132
Acetone	50.0	44.1	88.2	36 - 155
Acrolein	50.0	17.6	35.3	10 - 238
Acrylonitrile	50.0	49.6	99.1	66 - 141
Benzene	50.0	46.9	93.8	77 - 127
Bromochloromethane	50.0	46.4	92.9	74 - 129
Bromodichloromethane	50.0	45.4	90.7	81 - 124
Bromoform	50.0	54.0	108	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	49.6	99.1	32 - 177
Carbon disulfide	50.0	51.8	104	10 - 136
Carbon tetrachloride	50.0	43.3	86.6	66 - 143
Chlorobenzene	50.0	48.2	96.5	86 - 120
Chloroethane	50.0	45.3	90.6	51 - 142
Chloroform	50.0	44.4	88.8	76 - 131
Chloromethane	50.0	34.9	69.8	49 - 132
cis-1,2-Dichloroethylene	50.0	44.7	89.4	74 - 132
cis-1,3-Dichloropropylene	50.0	53.1	106	81 - 129
Cyclohexane	50.0	41.8	83.6	70 - 130
Dibromochloromethane	50.0	50.0	100	10 - 200
Dibromomethane	50.0	43.0	86.1	83 - 124
Dichlorodifluoromethane	50.0	25.7	51.4	28 - 158
Ethyl Benzene	50.0	46.6	93.1	84 - 125
Hexachlorobutadiene	50.0	47.3	94.7	83 - 133
Isopropylbenzene	50.0	49.0	98.0	81 - 127
Methyl acetate	50.0	42.8	85.6	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	62.4	125	74 - 131
Methylcyclohexane	50.0	43.9	87.9	70 - 130
Methylene chloride	50.0	44.6	89.3	57 - 141
n-Butylbenzene	50.0	44.6	89.2	80 - 130
n-Propylbenzene	50.0	47.5	95.0	74 - 136
o-Xylene	50.0	47.8	95.6	83 - 123
p- & m- Xylenes	100	91.3	91.3	82 - 128
p-Isopropyltoluene	50.0	48.2	96.3	85 - 125
sec-Butylbenzene	50.0	47.4	94.9	83 - 125
Styrene	50.0	48.6	97.2	86 - 126
tert-Butyl alcohol (TBA)	250	383	153 *	70 - 130
tert-Butylbenzene	50.0	49.0	98.1	80 - 127
Tetrachloroethylene	50.0	42.4	84.7	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	45.1	90.2	85 - 121
trans-1,2-Dichloroethylene	50.0	43.4	86.8	72 - 132
trans-1,3-Dichloropropylene	50.0	56.2	112	78 - 132
trans-1,4-dichloro-2-butene	50.0	49.4	98.7	75 - 135
Trichloroethylene	50.0	45.5	91.0	84 - 123
Trichlorofluoromethane	50.0	38.7	77.4	62 - 140
Vinyl Chloride	50.0	40.2	80.5	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46.7	93.3	2.27	30	75 - 129
1,1,1-Trichloroethane	50.0	46.0	92.1	1.66	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.8	97.6	1.99	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	43.6	87.2	1.39	30	58 - 146
1,1,2-Trichloroethane	50.0	45.5	91.1	0.110	30	83 - 123
1,1-Dichloroethane	50.0	45.7	91.3	1.03	30	75 - 130
1,1-Dichloroethylene	50.0	42.2	84.4	0.881	30	64 - 137
1,2,3-Trichlorobenzene	50.0	46.2	92.4	1.95	30	81 - 140
1,2,3-Trichloropropane	50.0	46.0	91.9	1.64	30	81 - 126
1,2,4-Trichlorobenzene	50.0	48.1	96.3	0.415	30	80 - 141
1,2,4-Trimethylbenzene	50.0	45.8	91.6	1.56	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	49.0	98.1	0.792	30	74 - 142
1,2-Dibromoethane	50.0	47.4	94.9	2.42	30	86 - 123
1,2-Dichlorobenzene	50.0	45.2	90.4	3.27	30	85 - 122
1,2-Dichloroethane	50.0	42.0	84.0	1.37	30	71 - 133
1,2-Dichloropropane	50.0	48.8	97.7	1.55	30	81 - 122
1,3,5-Trimethylbenzene	50.0	45.2	90.3	2.08	30	82 - 126
1,3-Dichlorobenzene	50.0	45.9	91.7	2.96	30	84 - 124
1,4-Dichlorobenzene	50.0	45.5	91.1	1.63	30	84 - 124
1,4-Dioxane	1050	1130	107	4.72	30	10 - 228
2-Butanone	50.0	48.8	97.6	1.49	30	58 - 147
2-Hexanone	50.0	44.6	89.3	0.670	30	70 - 139
4-Methyl-2-pentanone	50.0	46.3	92.6	2.09	30	72 - 132
Acetone	50.0	36.5	73.0	18.8	30	36 - 155
Acrolein	50.0	17.8	35.5	0.734	30	10 - 238
Acrylonitrile	50.0	49.6	99.1	0.0404	30	66 - 141
Benzene	50.0	46.7	93.5	0.320	30	77 - 127
Bromochloromethane	50.0	45.8	91.7	1.30	30	74 - 129
Bromodichloromethane	50.0	45.6	91.2	0.550	30	81 - 124
Bromoform	50.0	53.1	106	1.68	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	45.1	90.2	9.38	30	32 - 177
Carbon disulfide	50.0	52.3	105	0.980	30	10 - 136
Carbon tetrachloride	50.0	43.2	86.3	0.324	30	66 - 143
Chlorobenzene	50.0	47.9	95.8	0.707	30	86 - 120
Chloroethane	50.0	44.5	89.0	1.78	30	51 - 142
Chloroform	50.0	44.7	89.3	0.629	30	76 - 131
Chloromethane	50.0	34.8	69.6	0.344	30	49 - 132
cis-1,2-Dichloroethylene	50.0	44.9	89.9	0.513	30	74 - 132
cis-1,3-Dichloropropylene	50.0	52.7	105	0.775	30	81 - 129
Cyclohexane	50.0	43.3	86.5	3.43	30	70 - 130
Dibromochloromethane	50.0	48.6	97.2	2.86	30	10 - 200
Dibromomethane	50.0	42.9	85.8	0.303	30	83 - 124
Dichlorodifluoromethane	50.0	25.7	51.4	0.00	30	28 - 158
Ethyl Benzene	50.0	45.6	91.2	2.02	30	84 - 125
Hexachlorobutadiene	50.0	46.7	93.3	1.45	30	83 - 133
Isopropylbenzene	50.0	48.1	96.1	1.94	30	81 - 127
Methyl acetate	50.0	43.2	86.4	0.884	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	62.6	125	0.272	30	74 - 131
Methylcyclohexane	50.0	44.2	88.5	0.658	30	70 - 130
Methylene chloride	50.0	45.2	90.5	1.34	30	57 - 141
n-Butylbenzene	50.0	43.7	87.4	1.97	30	80 - 130
n-Propylbenzene	50.0	46.1	92.1	3.04	30	74 - 136
o-Xylene	50.0	47.3	94.5	1.16	30	83 - 123
p- & m- Xylenes	100	90.2	90.2	1.19	30	82 - 128
p-Isopropyltoluene	50.0	47.0	94.0	2.42	30	85 - 125
sec-Butylbenzene	50.0	46.8	93.5	1.42	30	83 - 125
Styrene	50.0	48.2	96.4	0.889	30	86 - 126
tert-Butyl alcohol (TBA)	250	475	190 *	21.3	30	70 - 130
tert-Butylbenzene	50.0	48.1	96.1	2.02	30	80 - 127
Tetrachloroethylene	50.0	42.2	84.5	0.307	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BH21859	Laboratory ID:	BH21859-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	45.2	90.5	0.354	30	85 - 121
trans-1,2-Dichloroethylene	50.0	44.0	88.0	1.40	30	72 - 132
trans-1,3-Dichloropropylene	50.0	54.0	108	3.89	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	48.5	96.9	1.80	30	75 - 135
Trichloroethylene	50.0	45.2	90.5	0.595	30	84 - 123
Trichlorofluoromethane	50.0	38.5	76.9	0.570	30	62 - 140
Vinyl Chloride	50.0	40.0	79.9	0.698	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA4	Calibration:	YI20008
Lab File ID:	QV428348.D	Calibration Date:	09/08/22 12:47
Sequence:	Y2I1402	Injection Date:	09/13/22
Lab Sample ID:	Y2I1402-CCV1	Injection Time:	15:10

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	41.5	0.2514045	0.2088406		-16.9	20	
1,1,1-Trichloroethane	A	50.0	42.9	1.764173	1.512588	0.1	-14.3	20	
1,1,2,2-Tetrachloroethane	A	50.0	42.7	0.5978207	0.51058	0.3	-14.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	43.5	0.8123739	0.6291475	0.1	-22.6	20	*
1,1,2-Trichloroethane	A	50.0	40.5	0.2338055	0.189334	0.1	-19.0	20	
1,1-Dichloroethane	A	50.0	43.1	2.249513	1.938636	0.2	-13.8	20	
1,1-Dichloroethylene	A	50.0	40.9	1.63927	1.244706	0.1	-18.1	20	
1,2,3-Trichlorobenzene	A	50.0	41.8	0.7650943	0.6400896		-16.3	20	
1,2,3-Trichloropropane	A	50.0	40.4	0.2140676	0.172758		-19.3	20	
1,2,4-Trichlorobenzene	A	50.0	43.3	0.7993562	0.6925704	0.2	-13.4	20	
1,2,4-Trimethylbenzene	A	50.0	41.0	2.505913	2.05342		-18.1	20	
1,2-Dibromo-3-chloropropane	A	50.0	43.4	0.1280576	0.1110205	0.05	-13.3	20	
1,2-Dibromoethane	A	50.0	41.0	0.2320175	0.1901282	0.1	-18.1	20	
1,2-Dichlorobenzene	A	50.0	40.5	1.082278	0.8758683	0.4	-19.1	20	
1,2-Dichloroethane	A	50.0	37.8	2.133015	1.612712	0.1	-24.4	20	*
1,2-Dichloropropane	A	50.0	42.2	0.3143842	0.2651699	0.1	-15.7	20	
1,3,5-Trimethylbenzene	A	50.0	40.6	2.585535	2.100304		-18.8	20	
1,3-Dichlorobenzene	A	50.0	41.7	1.138177	0.9492419	0.6	-16.6	20	
1,4-Dichlorobenzene	A	50.0	41.5	1.148286	0.952417	0.5	-17.1	20	
1,4-Dioxane	A	1000	893	3.836145E-03	3.423832E-03		-10.7	20	
2-Butanone	A	50.0	46.8	0.1026425	9.612431E-02	0.1	-6.4	20	
2-Hexanone	A	50.0	44.3	0.3024187	0.2678166	0.1	-11.4	20	
4-Methyl-2-pentanone	A	50.0	42.7	0.4066727	0.3472394	0.1	-14.6	20	
Acetone	A	50.0	57.3	0.6709526	0.5968589	0.1	14.6	20	
Acrolein	A	50.0	59.4	0.1419624	0.1353311		18.8	20	
Acrylonitrile	A	50.0	44.7	0.5120865	0.4579812		-10.6	20	
Benzene	A	50.0	43.7	3.855953	3.368681	0.5	-12.6	20	
Bromochloromethane	A	50.0	44.2	1.247011	1.00784		-11.6	20	
Bromodichloromethane	A	50.0	40.4	0.3938618	0.3181535	0.2	-19.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA4	Calibration:	YI20008
Lab File ID:	QV428348.D	Calibration Date:	09/08/22 12:47
Sequence:	Y2I1402	Injection Date:	09/13/22
Lab Sample ID:	Y2I1402-CCV1	Injection Time:	15:10

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	44.6	0.1319547	0.1175594	0.1	-10.9	20	
Bromomethane	A	50.0	51.4	0.2346685	0.2414842	0.1	2.9	20	
Carbon disulfide	A	50.0	45.7	2.215849	2.024143	0.1	-8.7	20	
Carbon tetrachloride	A	50.0	40.0	1.563257	1.249822	0.1	-20.1	20	*
Chlorobenzene	A	50.0	40.3	0.7240144	0.5835268	0.5	-19.4	20	
Chloroethane	A	50.0	47.6	0.6257274	0.5380945	0.1	-4.9	20	
Chloroform	A	50.0	40.9	2.065548	1.689723	0.2	-18.2	20	
Chloromethane	A	50.0	43.4	1.503053	1.305531	0.1	-13.1	20	
cis-1,2-Dichloroethylene	A	50.0	42.6	2.160175	1.842345	0.1	-14.7	20	
cis-1,3-Dichloropropylene	A	50.0	47.9	0.3838919	0.368038	0.2	-4.1	20	
Cyclohexane	A	50.0	43.4	2.685583	2.330646	0.1	-13.2	20	
Dibromochloromethane	A	50.0	42.7	0.2383864	0.2034261	0.1	-14.7	20	
Dibromomethane	A	50.0	39.1	0.1698912	0.132737		-21.9	20	*
Dichlorodifluoromethane	A	50.0	52.9	1.207421	1.117854	0.1	5.7	20	
Ethyl Benzene	A	50.0	40.8	1.481363	1.210395	0.1	-18.3	20	
Hexachlorobutadiene	A	50.0	40.2	0.5547428	0.446611		-19.5	20	
Isopropylbenzene	A	50.0	42.3	2.755102	2.330948	0.1	-15.4	20	
Methyl acetate	A	50.0	45.7	1.311211	1.083143	0.1	-8.6	20	
Methyl tert-butyl ether (MTBE)	A	50.0	61.6	1.763535	2.173338	0.1	23.2	20	*
Methylcyclohexane	A	50.0	43.4	0.5202849	0.4514782	0.1	-13.2	20	
Methylene chloride	A	50.0	42.9	2.270407	1.750845	0.1	-14.2	20	
n-Butylbenzene	A	50.0	39.8	3.442823	2.740765		-20.4	20	*
n-Propylbenzene	A	50.0	42.1	3.504331	2.948978		-15.8	20	
o-Xylene	A	50.0	41.4	1.172874	0.9712945	0.3	-17.2	20	
p- & m- Xylenes	A	100	80.7	1.216745	0.9816473	0.1	-19.3	20	
p-Isopropyltoluene	A	50.0	42.0	2.658728	2.233439		-16.0	20	
sec-Butylbenzene	A	50.0	42.0	3.119688	2.621871		-16.0	20	
Styrene	A	50.0	42.6	0.8128089	0.6932549	0.3	-14.7	20	
tert-Butyl alcohol (TBA)	A	50.0	43.1	7.134309E-02	6.155833E-02		-13.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA4	Calibration:	YI20008
Lab File ID:	QV428348.D	Calibration Date:	09/08/22 12:47
Sequence:	Y2I1402	Injection Date:	09/13/22
Lab Sample ID:	Y2I1402-CCV1	Injection Time:	15:10

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	42.1	1.979237	1.667582		-15.7	20	
Tetrachloroethylene	A	50.0	39.7	0.3191741	0.2532418	0.2	-20.7	20	*
Toluene	A	50.0	40.7	1.237449	1.007906	0.4	-18.5	20	
trans-1,2-Dichloroethylene	A	50.0	41.8	1.980139	1.655232	0.1	-16.4	20	
trans-1,3-Dichloropropylene	A	50.0	49.1	0.337619	0.3313281	0.1	-1.9	20	
trans-1,4-dichloro-2-butene	A	50.0	42.9	0.7001771	0.6002065		-14.3	20	
Trichloroethylene	A	50.0	41.3	0.3087766	0.25494	0.2	-17.4	20	
Trichlorofluoromethane	A	50.0	43.7	1.396111	1.083618	0.1	-12.6	20	
Vinyl Chloride	A	50.0	50.8	1.165172	1.078391	0.1	1.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.4	104	82 - 126
1,1,1-Trichloroethane	10.0	10.0	100	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.15	91.5	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.1	121	54 - 165
1,1,2-Trichloroethane	10.0	8.91	89.1	82 - 123
1,1-Dichloroethane	10.0	9.51	95.1	82 - 129
1,1-Dichloroethylene	10.0	10.9	109	68 - 138
1,2,3-Trichlorobenzene	10.0	7.74	77.4	76 - 136
1,2,3-Trichloropropane	10.0	10.8	108	77 - 128
1,2,4-Trichlorobenzene	10.0	8.34	83.4	76 - 137
1,2,4-Trimethylbenzene	10.0	11.2	112	82 - 132
1,2-Dibromo-3-chloropropane	10.0	8.89	88.9	45 - 147
1,2-Dibromoethane	10.0	9.04	90.4	83 - 124
1,2-Dichlorobenzene	10.0	10.9	109	79 - 123
1,2-Dichloroethane	10.0	10.0	100	73 - 132
1,2-Dichloropropane	10.0	10.6	106	78 - 126
1,3,5-Trimethylbenzene	10.0	11.3	113	80 - 131
1,3-Dichlorobenzene	10.0	10.9	109	86 - 122
1,4-Dichlorobenzene	10.0	11.1	111	85 - 124
1,4-Dioxane	210	285	136	10 - 349
2-Butanone	10.0	8.91	89.1	49 - 152
2-Hexanone	10.0	7.91	79.1	51 - 146
4-Methyl-2-pentanone	10.0	8.80	88.0	57 - 145
Acetone	10.0	9.41	94.1	14 - 150
Acrolein	10.0	8.10	81.0	10 - 153
Acrylonitrile	10.0	8.35	83.5	51 - 150
Benzene	10.0	9.30	93.0	85 - 126
Bromochloromethane	10.0	9.68	96.8	77 - 128
Bromodichloromethane	10.0	9.49	94.9	79 - 128
Bromoform	10.0	8.54	85.4	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	0.930	9.30 *	43 - 168
Carbon disulfide	10.0	9.93	99.3	68 - 146
Carbon tetrachloride	10.0	10.9	109	77 - 141
Chlorobenzene	10.0	9.92	99.2	88 - 120
Chloroethane	10.0	10.8	108	65 - 136
Chloroform	10.0	9.25	92.5	82 - 128
Chloromethane	10.0	8.92	89.2	43 - 155
cis-1,2-Dichloroethylene	10.0	9.64	96.4	83 - 129
cis-1,3-Dichloropropylene	10.0	9.45	94.5	80 - 131
Cyclohexane	10.0	4.62	46.2 *	63 - 149
Dibromochloromethane	10.0	9.23	92.3	80 - 130
Dibromomethane	10.0	9.43	94.3	72 - 134
Dichlorodifluoromethane	10.0	15.7	157 *	44 - 144
Ethyl Benzene	10.0	11.1	111	80 - 131
Hexachlorobutadiene	10.0	7.88	78.8	67 - 146
Isopropylbenzene	10.0	11.7	117	76 - 140
Methyl acetate	10.0	9.47	94.7	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.68	86.8	76 - 135
Methylcyclohexane	10.0	12.6	126	72 - 143
Methylene chloride	10.0	10.3	103	55 - 137
n-Butylbenzene	10.0	11.3	113	79 - 132
n-Propylbenzene	10.0	11.6	116	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	22.1	110	77 - 133
p-Isopropyltoluene	10.0	11.7	117	81 - 136
sec-Butylbenzene	10.0	11.8	118	79 - 137
Styrene	10.0	9.47	94.7	67 - 132
tert-Butyl alcohol (TBA)	50.0	51.0	102	25 - 162
tert-Butylbenzene	10.0	9.24	92.4	77 - 138
Tetrachloroethylene	10.0	11.6	116	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	10.8	108	80 - 127
trans-1,2-Dichloroethylene	10.0	9.90	99.0	80 - 132
trans-1,3-Dichloropropylene	10.0	9.47	94.7	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.38	93.8	63 - 141
Trichloroethylene	10.0	9.85	98.5	82 - 128
Trichlorofluoromethane	10.0	14.8	148 *	67 - 139
Vinyl Chloride	10.0	11.0	110	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.6	106	1.80	30	82 - 126
1,1,1-Trichloroethane	10.0	10.8	108	7.51	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	8.82	88.2	3.67	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	10.0	13.3	133	9.92	30	54 - 165
1,1,2-Trichloroethane	10.0	8.50	85.0	4.71	30	82 - 123
1,1-Dichloroethane	10.0	10.2	102	6.71	30	82 - 129
1,1-Dichloroethylene	10.0	11.9	119	8.97	30	68 - 138
1,2,3-Trichlorobenzene	10.0	7.75	77.5	0.129	30	76 - 136
1,2,3-Trichloropropane	10.0	10.4	104	4.16	30	77 - 128
1,2,4-Trichlorobenzene	10.0	8.42	84.2	0.955	30	76 - 137
1,2,4-Trimethylbenzene	10.0	12.1	121	7.28	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	8.21	82.1	7.95	30	45 - 147
1,2-Dibromoethane	10.0	8.81	88.1	2.58	30	83 - 124
1,2-Dichlorobenzene	10.0	11.3	113	3.42	30	79 - 123
1,2-Dichloroethane	10.0	10.1	101	0.697	30	73 - 132
1,2-Dichloropropane	10.0	10.9	109	2.33	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.2	122	7.67	30	80 - 131
1,3-Dichlorobenzene	10.0	11.7	117	6.83	30	86 - 122
1,4-Dichlorobenzene	10.0	11.6	116	4.67	30	85 - 124
1,4-Dioxane	210	220	105	25.6	30	10 - 349
2-Butanone	10.0	9.04	90.4	1.45	30	49 - 152
2-Hexanone	10.0	7.31	73.1	7.88	30	51 - 146
4-Methyl-2-pentanone	10.0	7.88	78.8	11.0	30	57 - 145
Acetone	10.0	8.35	83.5	11.9	30	14 - 150
Acrolein	10.0	8.22	82.2	1.47	30	10 - 153
Acrylonitrile	10.0	7.51	75.1	10.6	30	51 - 150
Benzene	10.0	9.99	99.9	7.15	30	85 - 126
Bromochloromethane	10.0	9.94	99.4	2.65	30	77 - 128
Bromodichloromethane	10.0	9.69	96.9	2.09	30	79 - 128
Bromoform	10.0	8.10	81.0	5.29	30	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	1.29	12.9 *	32.4 *	30	43 - 168
Carbon disulfide	10.0	11.0	110	10.0	30	68 - 146
Carbon tetrachloride	10.0	11.8	118	7.74	30	77 - 141
Chlorobenzene	10.0	10.3	103	4.05	30	88 - 120
Chloroethane	10.0	11.9	119	9.32	30	65 - 136
Chloroform	10.0	9.81	98.1	5.88	30	82 - 128
Chloromethane	10.0	9.83	98.3	9.71	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.3	103	6.43	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.61	96.1	1.68	30	80 - 131
Cyclohexane	10.0	4.94	49.4 *	6.69	30	63 - 149
Dibromochloromethane	10.0	9.15	91.5	0.871	30	80 - 130
Dibromomethane	10.0	9.26	92.6	1.82	30	72 - 134
Dichlorodifluoromethane	10.0	16.8	168 *	6.77	30	44 - 144
Ethyl Benzene	10.0	11.8	118	6.29	30	80 - 131
Hexachlorobutadiene	10.0	8.04	80.4	2.01	30	67 - 146
Isopropylbenzene	10.0	12.8	128	8.40	30	76 - 140
Methyl acetate	10.0	8.76	87.6	7.79	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.24	82.4	5.20	30	76 - 135
Methylcyclohexane	10.0	13.4	134	6.45	30	72 - 143
Methylene chloride	10.0	10.0	100	2.95	30	55 - 137
n-Butylbenzene	10.0	12.2	122	7.31	30	79 - 132
n-Propylbenzene	10.0	12.5	125	7.53	30	78 - 133
o-Xylene	10.0	11.8	118	4.52	30	78 - 130
p- & m- Xylenes	20.0	23.4	117	5.68	30	77 - 133
p-Isopropyltoluene	10.0	12.6	126	7.35	30	81 - 136
sec-Butylbenzene	10.0	12.7	127	7.24	30	79 - 137
Styrene	10.0	9.94	99.4	4.84	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	45.2	90.3	12.0	30	25 - 162
tert-Butylbenzene	10.0	9.92	99.2	7.10	30	77 - 138
Tetrachloroethylene	10.0	12.3	123	5.86	30	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20708	Laboratory ID:	BI20708-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	11.4	114	5.59	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.8	108	8.33	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.30	93.0	1.81	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.35	93.5	0.320	30	63 - 141
Trichloroethylene	10.0	10.6	106	6.96	30	82 - 128
Trichlorofluoromethane	10.0	16.5	165 *	10.4	30	67 - 139
Vinyl Chloride	10.0	12.2	122	10.2	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.4	104	82 - 126
1,1,1-Trichloroethane	10.0	10.4	104	78 - 136
1,1,2,2-Tetrachloroethane	10.0	8.30	83.0	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118	54 - 165
1,1,2-Trichloroethane	10.0	8.46	84.6	82 - 123
1,1-Dichloroethane	10.0	9.35	93.5	82 - 129
1,1-Dichloroethylene	10.0	10.8	108	68 - 138
1,2,3-Trichlorobenzene	10.0	7.46	74.6 *	76 - 136
1,2,3-Trichloropropane	10.0	10.0	100	77 - 128
1,2,4-Trichlorobenzene	10.0	8.01	80.1	76 - 137
1,2,4-Trimethylbenzene	10.0	10.7	107	82 - 132
1,2-Dibromo-3-chloropropane	10.0	8.58	85.8	45 - 147
1,2-Dibromoethane	10.0	8.70	87.0	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	79 - 123
1,2-Dichloroethane	10.0	10.6	106	73 - 132
1,2-Dichloropropane	10.0	10.0	100	78 - 126
1,3,5-Trimethylbenzene	10.0	10.8	108	80 - 131
1,3-Dichlorobenzene	10.0	10.3	103	86 - 122
1,4-Dichlorobenzene	10.0	10.3	103	85 - 124
1,4-Dioxane	210	251	120	10 - 349
2-Butanone	10.0	8.45	84.5	49 - 152
2-Hexanone	10.0	7.52	75.2	51 - 146
4-Methyl-2-pentanone	10.0	8.06	80.6	57 - 145
Acetone	10.0	9.06	90.6	14 - 150
Acrolein	10.0	7.68	76.8	10 - 153
Acrylonitrile	10.0	7.18	71.8	51 - 150
Benzene	10.0	8.78	87.8	85 - 126
Bromochloromethane	10.0	9.27	92.7	77 - 128
Bromodichloromethane	10.0	9.62	96.2	79 - 128
Bromoform	10.0	8.20	82.0	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	0.900	9.00 *	43 - 168
Carbon disulfide	10.0	9.47	94.7	68 - 146
Carbon tetrachloride	10.0	11.5	115	77 - 141
Chlorobenzene	10.0	9.50	95.0	88 - 120
Chloroethane	10.0	10.6	106	65 - 136
Chloroform	10.0	9.31	93.1	82 - 128
Chloromethane	10.0	8.27	82.7	43 - 155
cis-1,2-Dichloroethylene	10.0	9.60	96.0	83 - 129
cis-1,3-Dichloropropylene	10.0	9.17	91.7	80 - 131
Cyclohexane	10.0	4.31	43.1 *	63 - 149
Dibromochloromethane	10.0	9.05	90.5	80 - 130
Dibromomethane	10.0	9.31	93.1	72 - 134
Dichlorodifluoromethane	10.0	13.9	139	44 - 144
Ethyl Benzene	10.0	11.1	111	80 - 131
Hexachlorobutadiene	10.0	8.84	88.4	67 - 146
Isopropylbenzene	10.0	11.1	111	76 - 140
Methyl acetate	10.0	8.65	86.5	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.23	82.3	76 - 135
Methylcyclohexane	10.0	12.1	121	72 - 143
Methylene chloride	10.0	9.55	95.5	55 - 137
n-Butylbenzene	10.0	11.4	114	79 - 132
n-Propylbenzene	10.0	11.0	110	78 - 133
o-Xylene	10.0	11.3	113	78 - 130
p- & m- Xylenes	20.0	22.2	111	77 - 133
p-Isopropyltoluene	10.0	11.1	111	81 - 136
sec-Butylbenzene	10.0	11.3	113	79 - 137
Styrene	10.0	9.35	93.5	67 - 132
tert-Butyl alcohol (TBA)	50.0	49.4	98.8	25 - 162
tert-Butylbenzene	10.0	8.80	88.0	77 - 138
Tetrachloroethylene	10.0	11.7	117	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	10.4	104	80 - 127
trans-1,2-Dichloroethylene	10.0	9.78	97.8	80 - 132
trans-1,3-Dichloropropylene	10.0	9.53	95.3	78 - 131
trans-1,4-dichloro-2-butene	10.0	8.94	89.4	63 - 141
Trichloroethylene	10.0	9.80	98.0	82 - 128
Trichlorofluoromethane	10.0	16.4	164 *	67 - 139
Vinyl Chloride	10.0	11.2	112	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.3	103	1.64	30	82 - 126
1,1,1-Trichloroethane	10.0	9.94	99.4	4.81	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	8.91	89.1	7.09	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.0	110	7.20	30	54 - 165
1,1,2-Trichloroethane	10.0	8.85	88.5	4.51	30	82 - 123
1,1-Dichloroethane	10.0	9.01	90.1	3.70	30	82 - 129
1,1-Dichloroethylene	10.0	10.1	101	6.52	30	68 - 138
1,2,3-Trichlorobenzene	10.0	7.79	77.9	4.33	30	76 - 136
1,2,3-Trichloropropane	10.0	10.5	105	4.09	30	77 - 128
1,2,4-Trichlorobenzene	10.0	8.08	80.8	0.870	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.3	103	3.89	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.08	90.8	5.66	30	45 - 147
1,2-Dibromoethane	10.0	9.35	93.5	7.20	30	83 - 124
1,2-Dichlorobenzene	10.0	10.3	103	0.771	30	79 - 123
1,2-Dichloroethane	10.0	10.9	109	3.07	30	73 - 132
1,2-Dichloropropane	10.0	9.95	99.5	0.501	30	78 - 126
1,3,5-Trimethylbenzene	10.0	10.3	103	4.74	30	80 - 131
1,3-Dichlorobenzene	10.0	10.2	102	0.879	30	86 - 122
1,4-Dichlorobenzene	10.0	10.0	100	2.56	30	85 - 124
1,4-Dioxane	210	234	112	6.87	30	10 - 349
2-Butanone	10.0	8.92	89.2	5.41	30	49 - 152
2-Hexanone	10.0	8.56	85.6	12.9	30	51 - 146
4-Methyl-2-pentanone	10.0	9.12	91.2	12.3	30	57 - 145
Acetone	10.0	8.93	89.3	1.45	30	14 - 150
Acrolein	10.0	8.00	80.0	4.08	30	10 - 153
Acrylonitrile	10.0	7.50	75.0	4.36	30	51 - 150
Benzene	10.0	8.67	86.7	1.26	30	85 - 126
Bromochloromethane	10.0	9.14	91.4	1.41	30	77 - 128
Bromodichloromethane	10.0	9.60	96.0	0.208	30	79 - 128
Bromoform	10.0	9.01	90.1	9.41	30	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	0.840	8.40 *	6.90	30	43 - 168
Carbon disulfide	10.0	8.90	89.0	6.21	30	68 - 146
Carbon tetrachloride	10.0	10.9	109	5.62	30	77 - 141
Chlorobenzene	10.0	9.40	94.0	1.06	30	88 - 120
Chloroethane	10.0	9.89	98.9	6.74	30	65 - 136
Chloroform	10.0	9.06	90.6	2.72	30	82 - 128
Chloromethane	10.0	7.56	75.6	8.97	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.15	91.5	4.80	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.22	92.2	0.544	30	80 - 131
Cyclohexane	10.0	4.05	40.5 *	6.22	30	63 - 149
Dibromochloromethane	10.0	9.59	95.9	5.79	30	80 - 130
Dibromomethane	10.0	9.72	97.2	4.31	30	72 - 134
Dichlorodifluoromethane	10.0	12.5	125	10.5	30	44 - 144
Ethyl Benzene	10.0	10.6	106	4.63	30	80 - 131
Hexachlorobutadiene	10.0	7.80	78.0	12.5	30	67 - 146
Isopropylbenzene	10.0	10.4	104	6.23	30	76 - 140
Methyl acetate	10.0	9.38	93.8	8.10	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.70	87.0	5.55	30	76 - 135
Methylcyclohexane	10.0	11.5	115	4.57	30	72 - 143
Methylene chloride	10.0	9.42	94.2	1.37	30	55 - 137
n-Butylbenzene	10.0	10.7	107	6.35	30	79 - 132
n-Propylbenzene	10.0	10.4	104	6.08	30	78 - 133
o-Xylene	10.0	11.0	110	2.69	30	78 - 130
p- & m- Xylenes	20.0	21.3	106	4.51	30	77 - 133
p-Isopropyltoluene	10.0	10.6	106	4.32	30	81 - 136
sec-Butylbenzene	10.0	10.8	108	4.98	30	79 - 137
Styrene	10.0	9.14	91.4	2.27	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	54.7	109	10.2	30	25 - 162
tert-Butylbenzene	10.0	8.26	82.6	6.33	30	77 - 138
Tetrachloroethylene	10.0	10.9	109	6.65	30	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20807	Laboratory ID:	BI20807-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.1	101		2.63	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.19	91.9		6.22	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.71	97.1		1.87	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.34	93.4		4.38	30	63 - 141
Trichloroethylene	10.0	9.37	93.7		4.49	30	82 - 128
Trichlorofluoromethane	10.0	14.7	147	*	10.9	30	67 - 139
Vinyl Chloride	10.0	9.86	98.6		12.5	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water	Laboratory ID:	BI20807-BLK1	File ID:	QV922984.D
Prepared:	09/15/22 06:30	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/15/22 15:39	Instrument:	QVOA9		
Batch:	BI20807	Sequence:	Y2I1556	Calibration:	YI20005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water	Laboratory ID:	BI20807-BLK1	File ID:	QV922984.D
Prepared:	09/15/22 06:30	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/15/22 15:39	Instrument:	QVOA9		
Batch:	BI20807	Sequence:	Y2I1556	Calibration:	YI20005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	1.05	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water	Laboratory ID:	BI20807-BLK1	File ID:	QV922984.D
Prepared:	09/15/22 06:30	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/15/22 15:39	Instrument:	QVOA9		
Batch:	BI20807	Sequence:	Y2I1556	Calibration:	YI20005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.0	120	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.7	107	79 - 122	
SURR: Toluene-d8	10.0	10.3	103	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	177848	11.651	207934	11.651	
ISTD: Chlorobenzene-d5	517429	8.67	535154	8.67	
ISTD: Fluorobenzene	168564	5.633	167970	5.633	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20005
Instrument: QVOA9
Calibration Date: 09/01/22 18:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2428331	11.73561	8.800667	1.983595E-02			20	
1,1,1-Trichloroethane	1.731147	14.01004	5.033556	3.627049E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5498117	18.90027	10.08167	2.248885E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8162464	22.7199	2.916333	3.742425E-02		0.9981935	SPCC (0.1)	
1,1,2-Trichloroethane	0.190203	19.57903	7.657222	8.110225E-03			SPCC (0.1)	
1,1-Dichloroethane	1.995307	20.32596	4.024333	3.232333E-02		0.9997377	SPCC (0.2)	
1,1-Dichloroethylene	1.469769	20.82342	2.901111	4.239374E-02		0.9992282	SPCC (0.1)	
1,1-Dichloropropylene	1.551739	21.21367	5.182556	2.523516E-02		0.9986612	0.99	
1,2,3-Trichlorobenzene	0.6216351	16.05338	14.06433	9.114998E-03			20	
1,2,3-Trichloropropane	0.1583633	20.42739	10.149	2.058296E-02		0.9994161	0.99	
1,2,3-Trimethylbenzene	3.057854	17.54119	11.31367	0.0255156			20	
1,2,4,5-Tetramethylbenzene	2.746949	18.14837	12.53878	1.069276E-02			20	
1,2,4-Trichlorobenzene	0.7901765	15.97705	13.52167	1.060923E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.535949	21.28005	10.85433	2.067304E-02		0.9994833	0.99	
1,2-Dibromo-3-chloropropane	0.1093755	7.904434	12.55933	1.107328E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1673938	17.22687	8.186778	2.152246E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.241151	21.7056	11.67822	1.270364E-02		0.9993616	SPCC (0.4)	
1,2-Dichloroethane	1.318434	20.69086	5.393333	3.004209E-02		0.9991797	SPCC (0.1)	
1,2-Dichloropropane	0.3069453	21.74698	6.221333	2.569156E-02		0.9997977	SPCC (0.1)	
1,3,5-Trimethylbenzene	3.598084	22.56122	10.43867	2.283195E-02		0.9990409	0.99	
1,3-Dichlorobenzene	1.470986	20.41076	11.17067	2.156633E-02		0.9995404	SPCC (0.6)	
1,3-Dichloropropane	0.384853	19.81522	7.824667	1.527661E-02			20	
1,4-Dichlorobenzene	1.432456	20.07659	11.28933	1.590387E-02		0.9997282	SPCC (0.5)	
1,4-Dioxane	5.913198E-04	11.90743	6.295556	3.228267E-02			20	
2,2-Dichloropropane	1.4278	17.88923	4.561333	0.0120345			20	
2-Butanone	0.0575891	9.222967	4.517333	6.400578E-02			SPCC (0.1)	
2-Chlorotoluene	3.205108	22.9352	10.32933	3.021034E-02		0.999555	0.99	
2-Hexanone	8.382315E-02	12.20608	7.86	3.497833E-02			SPCC (0.1)	
4-Chlorotoluene	3.571735	22.09019	10.46267	3.424725E-02		0.9995319	0.99	
4-Methyl-2-pentanone	0.1274797	11.8326	7.014	2.884124E-02			SPCC (0.1)	
Acetone	0.1388754	64.45047	2.918	0.1033045		0.9978378	SPCC (0.1)	
Acrolein	6.560035E-02	21.97654	2.788667	4.602474E-02		0.9981009	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20005
Instrument: QVOA9
Calibration Date: 09/01/22 18:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrylonitrile	0.1362085	11.44645	3.538667	3.560783E-02			20	
Allyl chloride	0.584148	14.94864	3.241333	3.352034E-02			20	
Benzene	4.534887	20.75413	5.358667	2.474509E-02		0.9993631	SPCC (0.5)	
Bromobenzene	1.816603	21.37504	10.11333	1.537388E-02		0.9995702	0.99	
Bromochloromethane	0.6340415	22.79279	4.765667	3.449588E-02		0.999717	0.99	
Bromodichloromethane	0.4098001	10.76255	6.469666	1.474694E-02			SPCC (0.2)	
Bromoform	0.1003491	10.27668	9.579	1.618806E-02			SPCC (0.1)	
Bromomethane	0.5403638	28.22837	2.059667	6.171503E-02		0.9995357	SPCC (0.1)	
Carbon disulfide	2.282882	13.90759	3.125333	3.127382E-02			SPCC (0.1)	
Carbon tetrachloride	1.347507	12.47941	5.194	0.044892			SPCC (0.1)	
Chlorobenzene	0.7401262	19.70496	8.705778	1.224308E-02			SPCC (0.5)	
Chloroethane	0.5125086	24.81151	2.163667	5.878047E-02		0.9995583	SPCC (0.1)	
Chloroform	2.013616	19.37074	4.857333	2.696668E-02			SPCC (0.2)	
Chloromethane	0.5823796	29.22474	1.689889	0.1459568		0.9992778	SPCC (0.1)	
cis-1,2-Dichloroethylene	1.737632	21.84081	4.546	3.752814E-02		0.9996986	SPCC (0.1)	
cis-1,3-Dichloropropylene	0.47885	9.610229	6.896667	2.772821E-02			SPCC (0.2)	
Cyclohexane	3.687988	23.36996	5.137	3.242681E-02		0.9984881	SPCC (0.1)	
Dibromochloromethane	0.2005145	7.199735	8.058111	7.986481E-03			SPCC (0.1)	
Dibromomethane	0.1354256	18.3293	6.304	1.854783E-02			20	
Dichlorodifluoromethane	0.7125385	23.55513	1.49	0.1007419		0.9983952	SPCC (0.1)	
Diisopropyl ether (DIPE)	2.896309	20.15713	4.075	3.598202E-02		0.999591	0.99	
Ethyl Benzene	1.596768	22.01753	8.813667	3.284031E-02		0.9996316	SPCC (0.1)	
Ethyl tert-butyl ether (ETBE)	3.094846	19.99276	4.411778	2.657537E-02			20	
Hexachlorobutadiene	0.3346746	15.60781	13.705	1.716211E-02			20	
Iodomethane	0.6435207	8.580706	3.040667	6.171599E-02			20	
Isopropylbenzene	4.049793	20.82468	9.771667	2.390703E-02		0.9991238	SPCC (0.1)	
Methyl acetate	0.2670451	24.31292	3.227667	0.1033357		0.9987662	SPCC (0.1)	
Methyl Methacrylate	0.2410015	17.59213	6.259	2.607357E-02			20	
Methyl tert-butyl ether (MTBE)	2.351648	17.4466	3.628667	5.429214E-02			SPCC (0.1)	
Methylcyclohexane	0.5138263	22.4361	6.241333	1.371213E-02		0.9985696	SPCC (0.1)	
Methylene chloride	1.165714	23.43858	3.355333	3.209354E-02		0.9996517	SPCC (0.1)	
Naphthalene	1.295211	18.43595	13.80644	1.230409E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Calibration: YI20005
Instrument: QVOA9
Calibration Date: 09/01/22 18:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
n-Butylbenzene	3.968081	22.48191	11.67944	2.551416E-02		0.9986912	0.99	
n-Propylbenzene	5.023896	21.61123	10.23467	0.0280625		0.9990651	0.99	
o-Xylene	1.283709	22.56793	9.365333	2.415222E-02		0.9997449	SPCC (0.3)	
p- & m- Xylenes	1.262791	22.67402	8.954889	3.111154E-02		0.9995191	SPCC (0.1)	
p-Diethylbenzene	1.995039	21.12893	11.654	2.808236E-02		0.9989007	0.99	
p-Ethyltoluene	3.773948	22.34752	10.37311	3.033889E-02		0.9993681	0.99	
p-Isopropyltoluene	3.213414	20.06005	11.22	3.215473E-02		0.999174	0.99	
sec-Butylbenzene	4.041261	21.0728	11.04233	2.678575E-02		0.9989749	0.99	
Styrene	0.8779223	18.47903	9.384222	3.019878E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.172561	1.204777	5.320333	2.734396E-02			20	
SURR: p-Bromofluorobenzene	1.583847	1.111866	9.961	1.103471E-02			20	
SURR: Toluene-d8	1.392053	1.343356	7.173	6.77469E-03			20	
tert-Amyl alcohol (TAA)	2.413941E-02	17.3987	5.340333	0.0351517			20	
tert-Amyl methyl ether (TAME)	2.427629	13.83631	5.490889	2.404258E-02			20	
tert-Butyl alcohol (TBA)	7.039735E-02	161.2882	3.453778	0.2592388		0.9946691	0.99	
tert-Butylbenzene	2.940597	19.75571	10.78833	0.027542			20	
Tetrachloroethylene	0.2776352	20.07917	7.786666	1.443378E-02		0.99928	SPCC (0.2)	
Tetrahydrofuran	0.1112359	25.52727	4.801	6.299276E-02		0.9990977	0.99	
Toluene	1.400459	22.29478	7.244	0.014304		0.9997707	SPCC (0.4)	
trans-1,2-Dichloroethylene	1.500802	22.59593	3.632667	5.972205E-02		0.9996124	SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3865321	6.7579	7.455667	6.079643E-03			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.7308041	15.94422	10.14667	1.513379E-02			20	
Trichloroethylene	0.3192765	18.95206	5.990222	1.798185E-02			SPCC (0.2)	
Trichlorofluoromethane	1.019962	20.94683	2.414333	6.572145E-02		0.998661	SPCC (0.1)	
Vinyl acetate	0.8470966	12.35879	4.018333	5.828996E-02			20	
Vinyl Chloride	0.7333045	20.10535	1.751222	3.831392E-02		0.9989836	SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922927.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1435	Injection Date:	09/14/22
Lab Sample ID:	Y2I1435-CCV1	Injection Time:	12:57

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	9.87	0.2428331	0.2286694		-5.8	20
1,1,1-Trichloroethane	A	10.0	9.42	1.731147	1.631082	0.1	-5.8	20
1,1,2,2-Tetrachloroethane	A	10.0	8.39	0.5498117	0.4612248	0.3	-16.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.7	0.8162464	0.7878226	0.1	7.2	20
1,1,2-Trichloroethane	A	10.0	8.07	0.190203	0.1535057	0.1	-19.3	20
1,1-Dichloroethane	A	10.0	9.20	1.995307	1.70432	0.2	-8.0	20
1,1-Dichloroethylene	A	10.0	9.66	1.469769	1.31015	0.1	-3.4	20
1,2,3-Trichlorobenzene	A	10.0	7.20	0.6216351	0.447671		-28.0	20 *
1,2,3-Trichloropropane	A	10.0	10.0	0.1583633	0.1466835		0.4	20
1,2,4-Trichlorobenzene X	A	10.0	7.71	0.7901765	0.6093518	0.2	-22.9	20 *
1,2,4-Trimethylbenzene	A	10.0	10.9	3.535949	3.513931		8.6	20
1,2-Dibromo-3-chloropropane	A	10.0	8.53	0.1093755	0.0932601	0.05	-14.7	20
1,2-Dibromoethane	A	10.0	8.22	0.1673938	0.137602	0.1	-17.8	20
1,2-Dichlorobenzene	A	10.0	10.2	1.241151	1.133191	0.4	1.7	20
1,2-Dichloroethane	A	10.0	9.32	1.318434	1.126218	0.1	-6.8	20
1,2-Dichloropropane	A	10.0	9.84	0.3069453	0.2683815	0.1	-1.6	20
1,3,5-Trimethylbenzene	A	10.0	11.1	3.598084	3.660123		10.6	20
1,3-Dichlorobenzene	A	10.0	10.5	1.470986	1.390592	0.6	5.0	20
1,4-Dichlorobenzene	A	10.0	10.6	1.432456	1.35838	0.5	6.5	20
1,4-Dioxane	A	200	168	5.913198E-04	4.442787E-04		-24.9	20 *
2-Butanone	A	10.0	8.09	0.0575891	4.661282E-02	0.1	-19.1	20
2-Hexanone X	A	10.0	7.15	8.382315E-02	5.993734E-02	0.1	-28.5	20 *
4-Methyl-2-pentanone X	A	10.0	8.15	0.1274797	9.448957E-02	0.1	-25.9	20 *
Acetone	A	10.0	8.91	0.1388754	8.738011E-02	0.1	-10.9	20
Acrolein	A	10.0	7.49	6.560035E-02	4.403434E-02		-25.1	20 *
Acrylonitrile	A	10.0	7.12	0.1362085	9.697615E-02		-28.8	20 *
Benzene	A	10.0	8.79	4.534887	3.684088	0.5	-12.1	20
Bromochloromethane	A	10.0	8.85	0.6340415	0.5035015		-11.5	20
Bromodichloromethane	A	10.0	8.89	0.4098001	0.3642569	0.2	-11.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922927.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1435	Injection Date:	09/14/22
Lab Sample ID:	Y2I1435-CCV1	Injection Time:	12:57

COMPOUND		TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
			STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	X	A	10.0	7.35	0.1003491	7.372789E-02	0.1	-26.5	20	*
Bromomethane	X	A	10.0	1.00	0.5403638	4.328717E-02	0.1	-90.0	20	*
Carbon disulfide		A	10.0	8.08	2.282882	1.843494	0.1	-19.2	20	
Carbon tetrachloride		A	10.0	10.1	1.347507	1.361119	0.1	1.0	20	
Chlorobenzene		A	10.0	8.76	0.7401262	0.6485796	0.5	-12.4	20	
Chloroethane		A	10.0	10.8	0.5125086	0.4838308	0.1	7.5	20	
Chloroform		A	10.0	8.73	2.013616	1.757052	0.2	-12.7	20	
Chloromethane		A	10.0	8.16	0.5823796	0.3764431	0.1	-18.4	20	
cis-1,2-Dichloroethylene		A	10.0	9.24	1.737632	1.494267	0.1	-7.6	20	
cis-1,3-Dichloropropylene		A	10.0	8.88	0.47885	0.4253986	0.2	-11.2	20	
Cyclohexane		A	10.0	9.80	3.687988	3.346869	0.1	-2.0	20	
Dibromochloromethane		A	10.0	8.46	0.2005145	0.1696486	0.1	-15.4	20	
Dibromomethane		A	10.0	8.71	0.1354256	0.1179008		-12.9	20	
Dichlorodifluoromethane	X	A	10.0	12.7	0.7125385	0.8175239	0.1	26.7	20	*
Ethyl Benzene		A	10.0	10.4	1.596768	1.505875	0.1	4.5	20	
Hexachlorobutadiene		A	10.0	7.24	0.3346746	0.2424041		-27.6	20	*
Isopropylbenzene		A	10.0	11.1	4.049793	4.129999	0.1	10.8	20	
Methyl acetate		A	10.0	9.23	0.2670451	0.2168851	0.1	-7.7	20	
Methyl tert-butyl ether (MTBE)	X	A	10.0	7.93	2.351648	1.863907	0.1	-20.7	20	*
Methylcyclohexane	X	A	10.0	12.0	0.5138263	0.5195237	0.1	20.4	20	*
Methylene chloride		A	10.0	9.13	1.165714	0.9407878	0.1	-8.7	20	
n-Butylbenzene		A	10.0	11.0	3.968081	4.041496		10.4	20	
n-Propylbenzene		A	10.0	11.2	5.023896	5.196465		12.5	20	
o-Xylene		A	10.0	10.3	1.283709	1.184124	0.3	3.0	20	
p- & m- Xylenes		A	20.0	20.9	1.262791	1.210804	0.1	4.5	20	
p-Isopropyltoluene		A	10.0	11.2	3.213414	3.233363		12.0	20	
sec-Butylbenzene		A	10.0	11.4	4.041261	4.109888		14.1	20	
Styrene		A	10.0	8.80	0.8779223	0.7725788	0.3	-12.0	20	
tert-Butyl alcohol (TBA)		A	10.0	10.4	7.039735E-02	2.834372E-02		3.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922927.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1435	Injection Date:	09/14/22
Lab Sample ID:	Y2I1435-CCV1	Injection Time:	12:57

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	10.0	2.940597	2.94323		0.09	20
Tetrachloroethylene	A	10.0	11.0	0.2776352	0.2643524	0.2	9.7	20
Toluene	A	10.0	10.3	1.400459	1.249309	0.4	2.7	20
trans-1,2-Dichloroethylene	A	10.0	9.33	1.500802	1.285132	0.1	-6.7	20
trans-1,3-Dichloropropylene	A	10.0	8.89	0.3865321	0.3437455	0.1	-11.1	20
trans-1,4-dichloro-2-butene	A	10.0	8.76	0.7308041	0.6398339		-12.4	20
Trichloroethylene	A	10.0	9.24	0.3192765	0.2951399	0.2	-7.6	20
Trichlorofluoromethane X	A	10.0	14.1	1.019962	1.305506	0.1	40.6	20 *
Vinyl Chloride	A	10.0	10.5	0.7333045	0.7074161	0.1	4.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922980.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1556	Injection Date:	09/15/22
Lab Sample ID:	Y2I1556-CCV1	Injection Time:	13:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.2428331	0.234824		-3.3	20
1,1,1-Trichloroethane	A	10.0	10.0	1.731147	1.737602	0.1	0.4	20
1,1,2,2-Tetrachloroethane X	A	10.0	7.84	0.5498117	0.4310839	0.3	-21.6	20 *
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.5	0.8162464	0.7694826	0.1	4.7	20
1,1,2-Trichloroethane	A	10.0	8.53	0.190203	0.1622187	0.1	-14.7	20
1,1-Dichloroethane	A	10.0	9.04	1.995307	1.676115	0.2	-9.6	20
1,1-Dichloroethylene	A	10.0	9.41	1.469769	1.276478	0.1	-5.9	20
1,2,3-Trichlorobenzene	A	10.0	7.32	0.6216351	0.4548751		-26.8	20 *
1,2,3-Trichloropropane	A	10.0	9.70	0.1583633	0.1417084		-3.0	20
1,2,4-Trichlorobenzene X	A	10.0	7.44	0.7901765	0.5882395	0.2	-25.6	20 *
1,2,4-Trimethylbenzene	A	10.0	9.92	3.535949	3.210548		-0.8	20
1,2-Dibromo-3-chloropropane	A	10.0	8.97	0.1093755	9.810324E-02	0.05	-10.3	20
1,2-Dibromoethane	A	10.0	8.69	0.1673938	0.1454329	0.1	-13.1	20
1,2-Dichlorobenzene	A	10.0	9.58	1.241151	1.067517	0.4	-4.2	20
1,2-Dichloroethane	A	10.0	10.5	1.318434	1.26313	0.1	4.6	20
1,2-Dichloropropane	A	10.0	9.44	0.3069453	0.2575184	0.1	-5.6	20
1,3,5-Trimethylbenzene	A	10.0	9.86	3.598084	3.264507		-1.4	20
1,3-Dichlorobenzene	A	10.0	9.47	1.470986	1.254917	0.6	-5.3	20
1,4-Dichlorobenzene	A	10.0	9.74	1.432456	1.242197	0.5	-2.6	20
1,4-Dioxane	A	200	161	5.913198E-04	4.250178E-04		-28.1	20 *
2-Butanone	A	10.0	8.18	0.0575891	4.713342E-02	0.1	-18.2	20
2-Hexanone	A	10.0	8.19	8.382315E-02	6.862511E-02	0.1	-18.1	20
4-Methyl-2-pentanone	A	10.0	9.37	0.1274797	0.108722	0.1	-14.7	20
Acetone	A	10.0	9.43	0.1388754	9.246294E-02	0.1	-5.7	20
Acrolein	A	10.0	7.17	6.560035E-02	4.210871E-02		-28.3	20 *
Acrylonitrile	A	10.0	6.82	0.1362085	9.290945E-02		-31.8	20 *
Benzene	A	10.0	8.45	4.534887	3.542305	0.5	-15.5	20
Bromochloromethane	A	10.0	8.95	0.6340415	0.5089897		-10.5	20
Bromodichloromethane	A	10.0	9.38	0.4098001	0.3845155	0.2	-6.2	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922980.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1556	Injection Date:	09/15/22
Lab Sample ID:	Y2I1556-CCV1	Injection Time:	13:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	8.27	0.1003491	8.299106E-02	0.1	-17.3	20
Bromomethane X	A	10.0	0.610	0.5403638	2.655831E-02	0.1	-93.9	20 *
Carbon disulfide X	A	10.0	7.45	2.282882	1.700548	0.1	-25.5	20 *
Carbon tetrachloride	A	10.0	10.8	1.347507	1.455063	0.1	8.0	20
Chlorobenzene	A	10.0	8.59	0.7401262	0.635731	0.5	-14.1	20
Chloroethane	A	10.0	10.4	0.5125086	0.4702149	0.1	4.5	20
Chloroform	A	10.0	8.91	2.013616	1.794576	0.2	-10.9	20
Chloromethane X	A	10.0	7.09	0.5823796	0.326731	0.1	-29.1	20 *
cis-1,2-Dichloroethylene	A	10.0	9.43	1.737632	1.52482	0.1	-5.7	20
cis-1,3-Dichloropropylene	A	10.0	8.90	0.47885	0.4263203	0.2	-11.0	20
Cyclohexane	A	10.0	9.73	3.687988	3.322355	0.1	-2.7	20
Dibromochloromethane	A	10.0	9.17	0.2005145	0.1838891	0.1	-8.3	20
Dibromomethane	A	10.0	9.16	0.1354256	0.1240335		-8.4	20
Dichlorodifluoromethane	A	10.0	10.8	0.7125385	0.6936715	0.1	7.6	20
Ethyl Benzene	A	10.0	10.4	1.596768	1.498724	0.1	4.0	20
Hexachlorobutadiene	A	10.0	7.99	0.3346746	0.2672675		-20.1	20 *
Isopropylbenzene	A	10.0	9.72	4.049793	3.624891	0.1	-2.8	20
Methyl acetate	A	10.0	9.15	0.2670451	0.2148419	0.1	-8.5	20
Methyl tert-butyl ether (MTBE)	A	10.0	8.62	2.351648	2.027166	0.1	-13.8	20
Methylcyclohexane	A	10.0	11.5	0.5138263	0.4968065	0.1	15.2	20
Methylene chloride	A	10.0	8.97	1.165714	0.9245996	0.1	-10.3	20
n-Butylbenzene	A	10.0	10.4	3.968081	3.827801		4.5	20
n-Propylbenzene	A	10.0	9.92	5.023896	4.586763		-0.8	20
o-Xylene	A	10.0	10.6	1.283709	1.215491	0.3	5.7	20
p- & m- Xylenes	A	20.0	20.9	1.262791	1.209619	0.1	4.4	20
p-Isopropyltoluene	A	10.0	9.95	3.213414	2.873825		-0.5	20
sec-Butylbenzene	A	10.0	10.3	4.041261	3.72422		3.4	20
Styrene	A	10.0	8.90	0.8779223	0.7817768	0.3	-11.0	20
tert-Butyl alcohol (TBA)	A	10.0	11.8	7.039735E-02	3.232125E-02		18.3	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QVOA9	Calibration:	YI20005
Lab File ID:	QV922980.D	Calibration Date:	09/01/22 18:20
Sequence:	Y2I1556	Injection Date:	09/15/22
Lab Sample ID:	Y2I1556-CCV1	Injection Time:	13:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	9.00	2.940597	2.645892		-10.0	20
Tetrachloroethylene	A	10.0	11.0	0.2776352	0.2641445	0.2	9.6	20
Toluene	A	10.0	9.83	1.400459	1.196048	0.4	-1.7	20
trans-1,2-Dichloroethylene	A	10.0	9.12	1.500802	1.257213	0.1	-8.8	20
trans-1,3-Dichloropropylene	A	10.0	9.49	0.3865321	0.36673	0.1	-5.1	20
trans-1,4-dichloro-2-butene	A	10.0	8.46	0.7308041	0.6183645		-15.4	20
Trichloroethylene	A	10.0	8.99	0.3192765	0.2869043	0.2	-10.1	20
Trichlorofluoromethane X	A	10.0	15.1	1.019962	1.399589	0.1	50.7	20 *
Vinyl Chloride	A	10.0	9.72	0.7333045	0.6568435	0.1	-2.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-22-22 (E20010365.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-23-22 (E20010391.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroisopropyl)ether, and n-nitroso-di-n-propylamine were above the method maximum on 09-14-22 (SV3011135.D). The %Ds for 2,4-dinitrotoluene and 2,6-dinitrotoluene were above the method maximum on 09-22-22 (E20010365.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and hexachlorocyclopentadiene were above the method maximum on 09-23-22 (E20010391.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroisopropyl)ether, and n-nitroso-di-n-propylamine were above the allowable maximum (20%) on 09-14-22 (SV3011135.D). The %Ds for 2,4-dinitrotoluene and 2,6-dinitrotoluene were above the allowable maximum (20%) on 09-22-22 (E20010365.D). The %Ds for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and hexachlorocyclopentadiene were above the allowable maximum (20%) on 09-23-22 (E20010391.D). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The base/neutral surrogate recoveries were within control limits for the ground water samples.

One of two base/neutral surrogate recoveries for sample SP-15 (6-8)RE2 was below control limits and below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) for sample SP-15 (6-8)RE2.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for soil samples BI21059-BS1 and BI21145-BS1.

The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 %Rs for 3,3-dichlorobenzidine were below QC limits, but not below 30% for aqueous samples BI20625-BS1/BSD1. Positive results for 3,3-dichlorobenzidine should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I2339
Instrument: BNA#6
Calibration: YI20001

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (Y2I2339-CCV1)			Lab File ID: SV643104.D		Analyzed: 09/23/22 09:31			
SURR: 2-Fluorophenol	30.0	98.0	0 - 200	4.11	4.11	0.0000	+/-1.00	
SURR: Phenol-d6	30.0	95.3	0 - 200	4.8	4.79125	0.0088	+/-1.00	
SURR: Nitrobenzene-d5	30.0	96.8	0 - 200	5.47	5.47	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	91.5	0 - 200	6.86	6.86	0.0000	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	121	0 - 200	8.56	8.55	0.0100	+/-1.00	
SURR: Terphenyl-d14	30.0	93.7	0 - 200	12.75	12.74125	0.0087	+/-1.00	
Blank (BI21145-BLK1)			Lab File ID: SV643105.D		Analyzed: 09/23/22 10:05			
SURR: Nitrobenzene-d5	0.833	82.9	22 - 108	5.48	5.47	0.0100	+/-1.00	
SURR: 2-Fluorobiphenyl	0.833	83.7	21 - 113	6.86	6.86	0.0000	+/-1.00	
SURR: Terphenyl-d14	0.833	89.9	24 - 116	12.75	12.74125	0.0087	+/-1.00	
LCS (BI21145-BS1)			Lab File ID: SV643106.D		Analyzed: 09/23/22 10:40			
SURR: Nitrobenzene-d5	0.833	66.2	22 - 108	5.47	5.47	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	0.833	63.0	21 - 113	6.86	6.86	0.0000	+/-1.00	
SURR: Terphenyl-d14	0.833	71.5	24 - 116	12.75	12.74125	0.0087	+/-1.00	
SP-15 (6-8) (22I0453-08RE1)			Lab File ID: SV643117.D		Analyzed: 09/23/22 16:57			
SURR: 2-Fluorophenol	1.97	47.2	20 - 108	4.12	4.11	0.0100	+/-1.00	
SURR: Phenol-d6	1.97	45.6	23 - 114	4.81	4.79125	0.0187	+/-1.00	
SURR: Nitrobenzene-d5	0.984	60.0	22 - 108	5.49	5.47	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.984	59.2	21 - 113	6.86	6.86	0.0000	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.97	73.6	19 - 110	8.56	8.55	0.0100	+/-1.00	
SURR: Terphenyl-d14	0.984	65.6	24 - 116	12.76	12.74125	0.0187	+/-1.00	
SP-15 (6-8) (22I0453-08RE2)			Lab File ID: SV643118.D		Analyzed: 09/23/22 17:32			
SURR: 2-Fluorophenol	1.97		20 - 108	0	4.11	-4.1100	+/-1.00	*
SURR: Phenol-d6	1.97		23 - 114	0	4.79125	-4.7913	+/-1.00	*
SURR: Nitrobenzene-d5	0.984	46.0	22 - 108	5.48	5.47	0.0100	+/-1.00	
SURR: 2-Fluorobiphenyl	0.984	56.0	21 - 113	6.86	6.86	0.0000	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.97		19 - 110	0	8.55	-8.5500	+/-1.00	*
SURR: Terphenyl-d14	0.984	0	24 - 116	0	12.74125	-12.7413	+/-1.00	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20625	Laboratory ID:	BI20625-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,2,4-Trichlorobenzene	25.0	20.1	80.4	20 - 118
1,2-Dichlorobenzene	25.0	17.5	70.1	29 - 111
1,3-Dichlorobenzene	25.0	17.2	68.9	23 - 117
1,4-Dichlorobenzene	25.0	17.3	69.2	30 - 105
2,4-Dinitrotoluene	25.0	25.4	102	70 - 128
2,6-Dinitrotoluene	25.0	24.1	96.5	70 - 116
2-Chloronaphthalene	25.0	18.9	75.6	70 - 112
2-Methylnaphthalene	25.0	20.1	80.4	70 - 118
2-Nitroaniline	25.0	21.3	85.1	70 - 129
3,3-Dichlorobenzidine	25.0	7.91	31.6 *	70 - 160
3-Nitroaniline	25.0	19.7	78.8	70 - 134
4-Bromophenyl phenyl ether	25.0	20.9	83.8	70 - 120
4-Chloroaniline	25.0	17.9	71.7	70 - 147
4-Chlorophenyl phenyl ether	25.0	20.5	82.0	70 - 121
4-Nitroaniline	25.0	19.7	78.9	70 - 134
Aniline	25.0	17.1	68.3	10 - 117
Benzyl butyl phthalate	25.0	18.2	72.9	70 - 130
Bis(2-chloroethoxy)methane	25.0	20.3	81.0	70 - 130
Bis(2-chloroethyl)ether	25.0	18.6	74.3	70 - 125
Bis(2-chloroisopropyl)ether	25.0	23.7	94.6	70 - 130
Carbazole	25.0	19.5	78.0	70 - 126
Dibenzofuran	25.0	19.4	77.8	70 - 113
Diethyl phthalate	25.0	19.8	79.1	70 - 115
Dimethyl phthalate	25.0	19.9	79.7	70 - 129
Di-n-butyl phthalate	25.0	19.5	78.0	70 - 120
Di-n-octyl phthalate	25.0	19.3	77.1	70 - 130
Hexachlorocyclopentadiene	25.0	16.1	64.4	20 - 130
Isophorone	25.0	23.2	92.6	70 - 127
N-nitroso-di-n-propylamine	25.0	22.9	91.6	70 - 122
N-Nitrosodiphenylamine	25.0	21.9	87.4	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20625	Laboratory ID:	BI20625-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	25.0	21.0	84.2		4.62	20	20 - 118
1,2-Dichlorobenzene	25.0	18.2	72.8		3.70	20	29 - 111
1,3-Dichlorobenzene	25.0	18.1	72.4		4.98	20	23 - 117
1,4-Dichlorobenzene	25.0	18.2	72.6		4.74	20	30 - 105
2,4-Dinitrotoluene	25.0	25.1	100		1.35	20	70 - 128
2,6-Dinitrotoluene	25.0	24.6	98.4		1.97	20	70 - 116
2-Chloronaphthalene	25.0	18.8	75.2		0.424	20	70 - 112
2-Methylnaphthalene	25.0	21.4	85.6		6.27	20	70 - 118
2-Nitroaniline	25.0	21.5	85.9		0.982	20	70 - 129
3,3-Dichlorobenzidine	25.0	7.69	30.8	*	2.82	20	70 - 160
3-Nitroaniline	25.0	19.2	76.6		2.88	20	70 - 134
4-Bromophenyl phenyl ether	25.0	21.4	85.5		2.03	20	70 - 120
4-Chloroaniline	25.0	18.4	73.4		2.37	20	70 - 147
4-Chlorophenyl phenyl ether	25.0	20.7	82.8		0.922	20	70 - 121
4-Nitroaniline	25.0	18.8	75.0		5.09	20	70 - 134
Aniline	25.0	17.1	68.6		0.351	20	10 - 117
Benzyl butyl phthalate	25.0	18.3	73.2		0.383	20	70 - 130
Bis(2-chloroethoxy)methane	25.0	21.9	87.5		7.69	20	70 - 130
Bis(2-chloroethyl)ether	25.0	20.3	81.3		9.00	20	70 - 125
Bis(2-chloroisopropyl)ether	25.0	25.0	100		5.67	20	70 - 130
Carbazole	25.0	19.4	77.5		0.618	20	70 - 126
Dibenzofuran	25.0	19.3	77.1		0.930	20	70 - 113
Diethyl phthalate	25.0	19.9	79.6		0.655	20	70 - 115
Dimethyl phthalate	25.0	20.3	81.1		1.74	20	70 - 129
Di-n-butyl phthalate	25.0	19.4	77.6		0.617	20	70 - 120
Di-n-octyl phthalate	25.0	19.1	76.4		0.886	20	70 - 130
Hexachlorocyclopentadiene	25.0	15.5	62.0		3.80	20	20 - 130
Isophorone	25.0	24.9	99.6		7.28	20	70 - 127
N-nitroso-di-n-propylamine	25.0	25.1	100		9.25	20	70 - 122
N-Nitrosodiphenylamine	25.0	21.9	87.7		0.274	20	70 - 130

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #3	Calibration:	YH20018
Lab File ID:	SV3011135.D	Calibration Date:	08/17/22 16:51
Sequence:	Y2I1505	Injection Date:	09/14/22
Lab Sample ID:	Y2I1505-CCV1	Injection Time:	14:02

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	31.1	0.263383	0.2727104		3.5	20	
1,2-Dichlorobenzene	A	30.0	30.6	1.470681	1.50242		2.2	20	
1,3-Dichlorobenzene	A	30.0	30.2	1.495703	1.507382		0.8	20	
1,4-Dichlorobenzene	A	30.0	30.4	1.555165	1.5774		1.4	20	
2,4-Dinitrotoluene	A	30.0	41.4	0.3329198	0.4594514	0.2	38.0	20	*
2,6-Dinitrotoluene	A	30.0	38.1	0.2435475	0.3090824	0.2	26.9	20	*
2-Chloronaphthalene	A	30.0	30.9	1.044633	1.076686	0.8	3.1	20	
2-Methylnaphthalene	A	30.0	30.3	0.6574877	0.6641127	0.4	1.0	20	
2-Nitroaniline	A	30.0	34.1	0.3513654	0.3994851	0.01	13.7	20	
3,3-Dichlorobenzidine	A	30.0	30.7	0.47649	0.4874747	0.01	2.3	20	
3-Nitroaniline	A	30.0	34.2	0.3133077	0.3575175	0.01	14.1	20	
4-Bromophenyl phenyl ether	A	30.0	35.5	0.1805697	0.2137923	0.1	18.4	20	
4-Chloroaniline	A	30.0	29.6	0.4224318	0.4170169	0.01	-1.3	20	
4-Chlorophenyl phenyl ether	A	30.0	33.7	0.5883949	0.6606985	0.4	12.3	20	
4-Nitroaniline	A	30.0	34.7	0.3230089	0.3736975	0.01	15.7	20	
Aniline	A	30.0	32.2	2.206981	2.369701		7.4	20	
Benzyl butyl phthalate	A	30.0	27.7	0.5952586	0.549959		-7.6	20	
Bis(2-chloroethoxy)methane	A	30.0	30.8	0.41587	0.4262429	0.3	2.5	20	
Bis(2-chloroethyl)ether	A	30.0	30.8	1.498178	1.536756	0.7	2.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	39.4	1.191244	1.562889	0.01	31.2	20	*
Carbazole	A	30.0	30.3	0.9916789	1.001149	0.01	1.0	20	
Dibenzofuran	A	30.0	31.2	1.599771	1.663099	0.8	4.0	20	
Diethyl phthalate	A	30.0	31.6	1.443835	1.518924	0.01	5.2	20	
Dimethyl phthalate	A	30.0	31.6	1.324119	1.396275	0.01	5.4	20	
Di-n-butyl phthalate	A	30.0	31.2	1.311973	1.363625	0.01	3.9	20	
Di-n-octyl phthalate	A	30.0	29.3	1.454934	1.419756	0.01	-2.4	20	
Hexachlorocyclopentadiene	A	30.0	30.2	0.3034731	0.3057142	0.05	0.7	20	
Isophorone	A	30.0	34.5	0.6872109	0.7893958	0.4	14.9	20	
N-nitroso-di-n-propylamine	A	30.0	40.6	1.106563	1.499449	0.5	35.5	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #3	Calibration:	YH20018
Lab File ID:	SV3011135.D	Calibration Date:	08/17/22 16:51
Sequence:	Y2I1505	Injection Date:	09/14/22
Lab Sample ID:	Y2I1505-CCV1	Injection Time:	14:02

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
N-Nitrosodiphenylamine	A	30.0	31.5	0.1834358	0.1926547	0.01	5.0	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA#2	Calibration:	YI20002
Lab File ID:	E20010365.D	Calibration Date:	09/02/22 15:28
Sequence:	Y2I2335	Injection Date:	09/22/22
Lab Sample ID:	Y2I2335-CCV1	Injection Time:	16:24

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	28.2	0.2728173	0.2562588		-6.1	20	
1,2-Dichlorobenzene	A	30.0	29.2	1.534402	1.493102		-2.7	20	
1,3-Dichlorobenzene	A	30.0	28.9	1.569163	1.513374		-3.6	20	
1,4-Dichlorobenzene	A	30.0	28.9	1.624044	1.565883		-3.6	20	
2,4-Dinitrotoluene	A	30.0	37.6	0.357994	0.4486515	0.2	25.3	20	*
2,6-Dinitrotoluene	A	30.0	36.1	0.2606849	0.3134055	0.2	20.2	20	*
2-Chloronaphthalene	A	30.0	28.2	1.133189	1.064269	0.8	-6.1	20	
2-Methylnaphthalene	A	30.0	30.4	0.7016419	0.7104155	0.4	1.3	20	
2-Nitroaniline	A	30.0	34.9	0.3757478	0.4372758	0.01	16.4	20	
3,3-Dichlorobenzidine	A	30.0	30.6	0.4340467	0.4433326	0.01	2.1	20	
3-Nitroaniline	A	30.0	33.8	0.3421774	0.3861308	0.01	12.8	20	
4-Bromophenyl phenyl ether	A	30.0	32.1	0.1806159	0.1932998	0.1	7.0	20	
4-Chloroaniline	A	30.0	28.6	0.4344727	0.4146777	0.01	-4.6	20	
4-Chlorophenyl phenyl ether	A	30.0	30.4	0.6296419	0.6389128	0.4	1.5	20	
4-Nitroaniline	A	30.0	33.2	0.3683476	0.4080663	0.01	10.8	20	
Acenaphthene	A	30.0	28.9	1.179237	1.136969	0.9	-3.6	20	
Acenaphthylene	A	30.0	29.1	2.028092	1.964898	0.9	-3.1	20	
Aniline	A	30.0	27.7	2.118731	1.953635		-7.8	20	
Anthracene	A	30.0	29.3	1.077363	1.051654	0.7	-2.4	20	
Benzo(a)anthracene	A	30.0	30.1	1.297816	1.303801	0.8	0.5	20	
Benzo(a)pyrene	A	30.0	30.0	1.188675	1.187202	0.7	-0.1	20	
Benzo(b)fluoranthene	A	30.0	30.0	1.225016	1.223597	0.7	-0.1	20	
Benzo(g,h,i)perylene	A	30.0	29.5	1.272542	1.252008	0.5	-1.6	20	
Benzo(k)fluoranthene	A	30.0	28.9	1.2669	1.219125	0.7	-3.8	20	
Benzyl butyl phthalate	A	30.0	30.1	0.6535133	0.6551549		0.3	20	
Bis(2-chloroethoxy)methane	A	30.0	27.7	0.3762516	0.3477919	0.3	-7.6	20	
Bis(2-chloroethyl)ether	A	30.0	26.8	1.460485	1.303155	0.7	-10.8	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.5	1.147418	1.165338	0.01	1.6	20	
Bis(2-ethylhexyl)phthalate	A	30.0	29.1	0.9394856	0.912048		-2.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA#2	Calibration:	YI20002
Lab File ID:	E20010365.D	Calibration Date:	09/02/22 15:28
Sequence:	Y2I2335	Injection Date:	09/22/22
Lab Sample ID:	Y2I2335-CCV1	Injection Time:	16:24

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Carbazole	A	30.0	28.6	1.091102	1.042058	0.01	-4.5	20
Chrysene	A	30.0	28.9	1.277589	1.232643	0.7	-3.5	20
Dibenzo(a,h)anthracene	A	30.0	30.1	1.2921	1.296186	0.4	0.3	20
Dibenzofuran	A	30.0	29.6	1.70497	1.685286	0.8	-1.2	20
Diethyl phthalate	A	30.0	29.7	1.475351	1.461436	0.01	-0.9	20
Dimethyl phthalate	A	30.0	29.9	1.378768	1.37347	0.01	-0.4	20
Di-n-butyl phthalate	A	30.0	29.1	1.37204	1.330077	0.01	-3.1	20
Di-n-octyl phthalate	A	30.0	30.5	1.639735	1.669452	0.01	1.8	20
Fluoranthene	A	30.0	30.0	1.288276	1.289455	0.6	0.09	20
Fluorene	A	30.0	30.6	1.430926	1.457586	0.9	1.9	20
Hexachlorobenzene	A	30.0	26.4	0.1069839	9.407092E-02	0.1	-12.1	20
Hexachlorobutadiene	A	30.0	29.4	0.1415759	0.1386656	0.01	-2.1	20
Hexachlorocyclopentadiene	A	30.0	24.6	0.266134	0.2184444	0.05	-17.9	20
Hexachloroethane	A	30.0	28.3	0.5963658	0.5621298	0.3	-5.7	20
Indeno(1,2,3-cd)pyrene	A	30.0	30.2	1.598469	1.611472	0.5	0.8	20
Isophorone	A	30.0	28.9	0.6426415	0.6189231	0.4	-3.7	20
Naphthalene	A	30.0	27.9	1.018507	0.9460398	0.7	-7.1	20
Nitrobenzene	A	30.0	28.4	0.3471724	0.3291319	0.2	-5.2	20
N-Nitrosodimethylamine	A	30.0	25.4	0.9004851	0.7632245		-15.2	20
N-nitroso-di-n-propylamine	A	30.0	30.6	1.197453	1.220219	0.5	1.9	20
N-Nitrosodiphenylamine	A	30.0	30.6	0.2353216	0.2403149	0.01	2.1	20
Phenanthrene	A	30.0	29.0	1.113184	1.074164	0.7	-3.5	20
Pyrene	A	30.0	30.5	1.339285	1.362792	0.6	1.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA#2	Calibration:	YI20002
Lab File ID:	E20010391.D	Calibration Date:	09/02/22 15:28
Sequence:	Y2I2638	Injection Date:	09/23/22
Lab Sample ID:	Y2I2638-CCV1	Injection Time:	16:03

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,4-Trichlorobenzene	A	30.0	28.7	0.2728173	0.2610061		-4.3	20	
1,2-Dichlorobenzene	A	30.0	29.0	1.534402	1.484208		-3.3	20	
1,3-Dichlorobenzene	A	30.0	28.9	1.569163	1.509379		-3.8	20	
1,4-Dichlorobenzene	A	30.0	28.9	1.624044	1.564527		-3.7	20	
2,4-Dinitrotoluene	A	30.0	38.6	0.357994	0.4601382	0.2	28.5	20	*
2,6-Dinitrotoluene	A	30.0	36.6	0.2606849	0.3175783	0.2	21.8	20	*
2-Chloronaphthalene	A	30.0	27.6	1.133189	1.042481	0.8	-8.0	20	
2-Methylnaphthalene	A	30.0	29.9	0.7016419	0.6997398	0.4	-0.3	20	
2-Nitroaniline	A	30.0	35.8	0.3757478	0.4478338	0.01	19.2	20	
3,3-Dichlorobenzidine	A	30.0	31.0	0.4340467	0.4482255	0.01	3.3	20	
3-Nitroaniline	A	30.0	34.6	0.3421774	0.3951905	0.01	15.5	20	
4-Bromophenyl phenyl ether	A	30.0	32.0	0.1806159	0.1923913	0.1	6.5	20	
4-Chloroaniline	A	30.0	28.8	0.4344727	0.4174758	0.01	-3.9	20	
4-Chlorophenyl phenyl ether	A	30.0	30.5	0.6296419	0.6398052	0.4	1.6	20	
4-Nitroaniline	A	30.0	34.7	0.3683476	0.4258149	0.01	15.6	20	
Acenaphthene	A	30.0	28.6	1.179237	1.126091	0.9	-4.5	20	
Acenaphthylene	A	30.0	28.8	2.028092	1.95006	0.9	-3.8	20	
Aniline	A	30.0	27.6	2.118731	1.948754		-8.0	20	
Anthracene	A	30.0	30.0	1.077363	1.076767	0.7	-0.06	20	
Benzo(a)anthracene	A	30.0	30.3	1.297816	1.31205	0.8	1.1	20	
Benzo(a)pyrene	A	30.0	32.2	1.188675	1.276343	0.7	7.4	20	
Benzo(b)fluoranthene	A	30.0	31.8	1.225016	1.29632	0.7	5.8	20	
Benzo(g,h,i)perylene	A	30.0	30.6	1.272542	1.299431	0.5	2.1	20	
Benzo(k)fluoranthene	A	30.0	31.2	1.2669	1.31534	0.7	3.8	20	
Benzyl butyl phthalate	A	30.0	27.9	0.6535133	0.6077974		-7.0	20	
Bis(2-chloroethoxy)methane	A	30.0	26.4	0.3762516	0.3307512	0.3	-12.1	20	
Bis(2-chloroethyl)ether	A	30.0	26.1	1.460485	1.271713	0.7	-12.9	20	
Bis(2-chloroisopropyl)ether	A	30.0	28.4	1.147418	1.085975	0.01	-5.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	27.4	0.9394856	0.8570671		-8.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA#2	Calibration:	YI20002
Lab File ID:	E20010391.D	Calibration Date:	09/02/22 15:28
Sequence:	Y2I2638	Injection Date:	09/23/22
Lab Sample ID:	Y2I2638-CCV1	Injection Time:	16:03

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Carbazole	A	30.0	29.3	1.091102	1.065933	0.01	-2.3	20	
Chrysene	A	30.0	29.0	1.277589	1.233528	0.7	-3.4	20	
Dibenzo(a,h)anthracene	A	30.0	30.9	1.2921	1.329087	0.4	2.9	20	
Dibenzofuran	A	30.0	29.9	1.70497	1.69749	0.8	-0.4	20	
Diethyl phthalate	A	30.0	29.6	1.475351	1.458038	0.01	-1.2	20	
Dimethyl phthalate	A	30.0	30.1	1.378768	1.384126	0.01	0.4	20	
Di-n-butyl phthalate	A	30.0	28.4	1.37204	1.300379	0.01	-5.2	20	
Di-n-octyl phthalate	A	30.0	29.3	1.639735	1.601845	0.01	-2.3	20	
Fluoranthene	A	30.0	31.4	1.288276	1.3468	0.6	4.5	20	
Fluorene	A	30.0	31.0	1.430926	1.476905	0.9	3.2	20	
Hexachlorobenzene	A	30.0	24.9	0.1069839	8.883775E-02	0.1	-17.0	20	
Hexachlorobutadiene	A	30.0	29.3	0.1415759	0.1382135	0.01	-2.4	20	
Hexachlorocyclopentadiene	A	30.0	19.2	0.266134	0.1699648	0.05	-36.1	20	*
Hexachloroethane	A	30.0	28.1	0.5963658	0.5577697	0.3	-6.5	20	
Indeno(1,2,3-cd)pyrene	A	30.0	31.0	1.598469	1.652431	0.5	3.4	20	
Isophorone	A	30.0	27.4	0.6426415	0.5873704	0.4	-8.6	20	
Naphthalene	A	30.0	27.7	1.018507	0.9409577	0.7	-7.6	20	
Nitrobenzene	A	30.0	28.2	0.3471724	0.3266521	0.2	-5.9	20	
N-Nitrosodimethylamine	A	30.0	25.1	0.9004851	0.7531429		-16.4	20	
N-nitroso-di-n-propylamine	A	30.0	28.5	1.197453	1.136353	0.5	-5.1	20	
N-Nitrosodiphenylamine	A	30.0	29.2	0.2353216	0.2291336	0.01	-2.6	20	
Phenanthrene	A	30.0	29.3	1.113184	1.085945	0.7	-2.4	20	
Pyrene	A	30.0	29.1	1.339285	1.29921	0.6	-3.0	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 22I0453

3 Ground water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 15 compounds (highlighted yellow attached FORM VII) were above the allowable maximum (20%) on 09-14-22 (SV532573.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BI20625-BLK2 contained a trace of bis(2-ethylhexyl)phthalate (0.630 ug/L). Positive results for bis(2-ethylhexyl)phthalate that are less than 10 times the highest blank level should be reported as not detected (U) in associated aqueous samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Laboratory Control Sample: The percent recovery (%R) for hexachloroethane was above QC limits for aqueous sample BI20625-BS2. Positive results for hexachloroethane should be considered estimated, biased high (J+) in the associated aqueous samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The %R for n-nitrosodimethylamine was below QC limits and below 30% for aqueous sample BI20625-BS2. Positive results for n-nitrosodimethylamine should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in in the associated aqueous samples.

Compound ID: The analysis of the field blank reported target compounds as not detected.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20625	Laboratory ID:	BI20625-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.660	66.0	25 - 116
Acenaphthylene	1.00	0.640	64.0	26 - 116
Anthracene	1.00	0.640	64.0	25 - 123
Benzo(a)anthracene	1.00	0.740	74.0	33 - 125
Benzo(a)pyrene	1.00	0.600	60.0	32 - 132
Benzo(b)fluoranthene	1.00	0.770	77.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.630	63.0	10 - 138
Benzo(k)fluoranthene	1.00	0.770	77.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.20	120	10 - 189
Chrysene	1.00	0.730	73.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.730	73.0	16 - 133
Fluoranthene	1.00	0.840	84.0	32 - 121
Fluorene	1.00	0.710	71.0	28 - 118
Hexachlorobenzene	1.00	0.770	77.0	23 - 124
Hexachlorobutadiene	1.00	0.660	66.0	15 - 123
Hexachloroethane	1.00	2.17	217 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.670	67.0	15 - 135
Naphthalene	1.00	0.700	70.0	18 - 120
Nitrobenzene	1.00	0.880	88.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124
Phenanthrene	1.00	0.740	74.0	24 - 127
Pyrene	1.00	0.680	68.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)			Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water	Laboratory ID:	BI20625-BLK2	File ID:	SV532574.D
Prepared:	09/14/22 08:05	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	09/14/22 17:07	Instrument:	BNA #5		
Batch:	BI20625	Sequence:	Y2I1511	Calibration:	YH20023

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.630	
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0500	U
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	13265540	8.14	12388170	8.13	
ISTD: Acenaphthene-d10	16982360	12.16	14431140	12.16	
ISTD: Chrysene-d12	22919520	18.07	25243520	18.07	
ISTD: Naphthalene-d8	29887250	9.73	28123510	9.73	
ISTD: Perylene-d12	21618140	20.01	25231960	20.01	
ISTD: Phenanthrene-d10	24605880	14.25	27144930	14.26	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	BNA #5	Calibration:	YH20023
Lab File ID:	SV532573.D	Calibration Date:	08/25/22 14:15
Sequence:	Y2I1511	Injection Date:	09/14/22
Lab Sample ID:	Y2I1511-CCV1	Injection Time:	16:36

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	0.780	1.441626	1.119151		-22.4	30	
Acenaphthylene	A	1.00	0.820	2.145457	1.768461		-17.6	30	
Anthracene	A	1.00	0.790	1.358507	1.066642		-21.5	30	
Benzo(a)anthracene	A	1.00	0.760	1.544045	1.172016		-24.1	30	
Benzo(a)pyrene	A	1.00	0.800	1.45454	1.157466		-20.4	30	
Benzo(b)fluoranthene	A	1.00	0.720	1.580979	1.134649		-28.2	30	
Benzo(g,h,i)perylene	A	1.00	0.640	1.326368	0.8468493		-36.2	30	*
Benzo(k)fluoranthene	A	1.00	0.790	1.630613	1.280921		-21.4	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.40	1.122731	0.9451899		-15.8	30	
Chrysene	A	1.00	0.740	1.601153	1.187646		-25.8	30	
Dibenzo(a,h)anthracene	A	1.00	0.710	1.283853	0.9170106		-28.6	30	
Fluoranthene	A	1.00	0.770	1.353089	1.039455		-23.2	30	
Fluorene	A	1.00	0.830	1.600826	1.329378		-17.0	30	
Hexachlorobenzene	A	0.100	0.0800	0.2871343	0.2191186		-23.7	30	
Hexachlorobutadiene	A	2.50	2.14	0.2252422	0.1928377		-14.4	30	
Hexachloroethane	A	2.50	1.84	9.261185E-02	6.801172E-02		-26.6	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.690	1.49059	1.030141		-30.9	30	*
Naphthalene	A	1.00	0.810	1.266785	1.026993		-18.9	30	
Nitrobenzene	A	1.25	1.10	1.097322	0.9640764		-12.1	30	
N-Nitrosodimethylamine	A	2.50	2.24	0.7397785	0.6623619		-10.5	30	
Phenanthrene	A	1.00	0.720	1.374005	0.9858837		-28.2	30	
Pyrene	A	1.00	0.650	1.914969	1.236439		-35.4	30	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 22I0453

3 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil and ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-2.

Laboratory Control Sample: The percent recoveries for 1,4-dioxane were within QC limits for soil sample BI21236-BS1 and aqueous sample BI20766-BS1.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the soil and ground water samples reported 1,4-dioxane as not detected.

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Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8081B Pesticide Data for
York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil and ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target pesticides were below the allowable maximum; 1 of 2 percent recoveries (%Rs) for methoxychlor on the primary column; and 2 of 2 %Rs for methoxychlor and 1 of 2 %Rs for 4,4'-DDT on the secondary column were above QC limits for soil MS/MSD sample SP-14 (6-8). Sample SP-14 (6-8) reported these pesticides as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The percent recoveries (%Rs) for target pesticides were within QC limits for soil sample BI21067-BS1.

The %Rs for target pesticides were within QC limits, but the relative percent difference for methoxychlor was above the allowable maximum on the secondary column for aqueous samples BI20471-BS1/BSD1. Positive results for methoxychlor should be considered estimated (J) in associated aqueous samples.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The %Ds for target pesticides were below the allowable maximum (20%) for both columns, as required.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

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Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The %Diff for dual column quantitation of 4,4'-DDD in sample MW-1 was below the allowable maximum (25%), as required.

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil and ground water samples reported target multi-component pesticides as not detected.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SP-14 (6-8)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Batch: BI21067
Laboratory ID: BI21067-MS1
Preparation: EPA 3550C
Initial/Final: 30 g / 10 mL
Source Sample Name: SP-14 (6-8)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
4,4'-DDD	0.0392	ND	0.0504	128	30 - 150
4,4'-DDD [2C]	0.0392	ND	0.0544	139	30 - 150
4,4'-DDE	0.0392	ND	0.0424	108	30 - 150
4,4'-DDE [2C]	0.0392	ND	0.0533	136	30 - 150
4,4'-DDT	0.0392	ND	0.0515	131	30 - 150
4,4'-DDT [2C]	0.0392	ND	0.0613	156 *	30 - 150
Aldrin	0.0392	ND	0.0468	119	30 - 150
Aldrin [2C]	0.0392	ND	0.0492	125	30 - 150
alpha-BHC	0.0392	ND	0.0450	115	30 - 150
alpha-BHC [2C]	0.0392	ND	0.0482	123	30 - 150
alpha-Chlordane	0.0392	ND	0.0477	121	30 - 150
alpha-Chlordane [2C]	0.0392	ND	0.0531	135	30 - 150
beta-BHC	0.0392	ND	0.0434	111	30 - 150
beta-BHC [2C]	0.0392	ND	0.0503	128	30 - 150
delta-BHC	0.0392	ND	0.0454	116	30 - 150
delta-BHC [2C]	0.0392	ND	0.0487	124	30 - 150
Dieldrin	0.0392	ND	0.0482	123	30 - 150
Dieldrin [2C]	0.0392	ND	0.0528	134	30 - 150
Endosulfan I	0.0392	ND	0.0484	123	30 - 150
Endosulfan I [2C]	0.0392	ND	0.0529	135	30 - 150
Endosulfan II	0.0392	ND	0.0486	124	30 - 150
Endosulfan II [2C]	0.0392	ND	0.0524	133	30 - 150
Endosulfan sulfate	0.0392	ND	0.0488	124	30 - 150
Endosulfan sulfate [2C]	0.0392	ND	0.0552	141	30 - 150
Endrin	0.0392	ND	0.0496	126	30 - 150
Endrin [2C]	0.0392	ND	0.0524	133	30 - 150
Endrin aldehyde	0.0392	ND	0.0481	123	30 - 150
Endrin aldehyde [2C]	0.0392	ND	0.0535	136	30 - 150
Endrin ketone	0.0392	ND	0.0538	137	30 - 150
Endrin ketone [2C]	0.0392	ND	0.0573	146	30 - 150
gamma-BHC (Lindane)	0.0392	ND	0.0470	120	30 - 150
gamma-BHC (Lindane) [2C]	0.0392	ND	0.0504	128	30 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SP-14 (6-8)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI21067	Laboratory ID:	BI21067-MS1
Preparation:	EPA 3550C	Initial/Final:	30 g / 10 mL

Source Sample Name: SP-14 (6-8)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
gamma-Chlordane	0.0392	ND	0.0473	121	30 - 150
gamma-Chlordane [2C]	0.0392	ND	0.0513	131	30 - 150
Heptachlor	0.0392	ND	0.0479	122	30 - 150
Heptachlor [2C]	0.0392	ND	0.0517	132	30 - 150
Heptachlor epoxide	0.0392	ND	0.0494	126	30 - 150
Heptachlor epoxide [2C]	0.0392	ND	0.0514	131	30 - 150
Methoxychlor	0.0392	ND	0.0629	160 *	30 - 150
Methoxychlor [2C]	0.0392	ND	0.0724	185 *	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SP-14 (6-8)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Batch: BI21067
Laboratory ID: BI21067-MSD1
Preparation: EPA 3550C
Initial/Final: 30 g / 10 mL
Source Sample Name: SP-14 (6-8)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDD	0.0392	0.0510	130	1.29	30	30 - 150
4,4'-DDD [2C]	0.0392	0.0543	138	0.0975	30	30 - 150
4,4'-DDE	0.0392	0.0445	113	4.95	30	30 - 150
4,4'-DDE [2C]	0.0392	0.0521	133	2.29	30	30 - 150
4,4'-DDT	0.0392	0.0496	126	3.76	30	30 - 150
4,4'-DDT [2C]	0.0392	0.0574	146	6.69	30	30 - 150
Aldrin	0.0392	0.0467	119	0.176	30	30 - 150
Aldrin [2C]	0.0392	0.0494	126	0.486	30	30 - 150
alpha-BHC	0.0392	0.0449	115	0.135	30	30 - 150
alpha-BHC [2C]	0.0392	0.0483	123	0.256	30	30 - 150
alpha-Chlordane	0.0392	0.0484	123	1.53	30	30 - 150
alpha-Chlordane [2C]	0.0392	0.0527	134	0.675	30	30 - 150
beta-BHC	0.0392	0.0451	115	3.90	30	30 - 150
beta-BHC [2C]	0.0392	0.0508	130	0.974	30	30 - 150
delta-BHC	0.0392	0.0454	116	0.0605	30	30 - 150
delta-BHC [2C]	0.0392	0.0484	123	0.602	30	30 - 150
Dieldrin	0.0392	0.0490	125	1.77	30	30 - 150
Dieldrin [2C]	0.0392	0.0523	133	0.788	30	30 - 150
Endosulfan I	0.0392	0.0497	127	2.65	30	30 - 150
Endosulfan I [2C]	0.0392	0.0527	134	0.375	30	30 - 150
Endosulfan II	0.0392	0.0490	125	0.941	30	30 - 150
Endosulfan II [2C]	0.0392	0.0521	133	0.473	30	30 - 150
Endosulfan sulfate	0.0392	0.0476	121	2.60	30	30 - 150
Endosulfan sulfate [2C]	0.0392	0.0539	137	2.33	30	30 - 150
Endrin	0.0392	0.0487	124	1.88	30	30 - 150
Endrin [2C]	0.0392	0.0514	131	1.90	30	30 - 150
Endrin aldehyde	0.0392	0.0475	121	1.17	30	30 - 150
Endrin aldehyde [2C]	0.0392	0.0525	134	1.89	30	30 - 150
Endrin ketone	0.0392	0.0513	131	4.80	30	30 - 150
Endrin ketone [2C]	0.0392	0.0567	144	1.09	30	30 - 150
gamma-BHC (Lindane)	0.0392	0.0466	119	0.868	30	30 - 150
gamma-BHC (Lindane) [2C]	0.0392	0.0501	128	0.719	30	30 - 150
gamma-Chlordane	0.0392	0.0476	121	0.608	30	30 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SP-14 (6-8)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI21067	Laboratory ID:	BI21067-MSD1
Preparation:	EPA 3550C	Initial/Final:	30 g / 10 mL

Source Sample Name: SP-14 (6-8)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-Chlordane [2C]	0.0392	0.0512	131	0.0995	30	30 - 150
Heptachlor	0.0392	0.0470	120	1.86	30	30 - 150
Heptachlor [2C]	0.0392	0.0508	129	1.81	30	30 - 150
Heptachlor epoxide	0.0392	0.0493	126	0.362	30	30 - 150
Heptachlor epoxide [2C]	0.0392	0.0515	131	0.240	30	30 - 150
Methoxychlor	0.0392	0.0575	147	8.98	30	30 - 150
Methoxychlor [2C]	0.0392	0.0671	171 *	7.64	30	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20471	Laboratory ID:	BI20471-BS1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
4,4'-DDD	0.100	0.0755	75.5	40 - 140
4,4'-DDD [2C]	0.100	0.0786	78.6	40 - 140
4,4'-DDE	0.100	0.0851	85.1	40 - 140
4,4'-DDE [2C]	0.100	0.0681	68.1	40 - 140
4,4'-DDT	0.100	0.0704	70.4	40 - 140
4,4'-DDT [2C]	0.100	0.0822	82.2	40 - 140
Aldrin	0.100	0.0609	60.9	40 - 140
Aldrin [2C]	0.100	0.0677	67.7	40 - 140
alpha-BHC	0.100	0.0578	57.8	40 - 140
alpha-BHC [2C]	0.100	0.0655	65.5	40 - 140
alpha-Chlordane	0.100	0.0607	60.7	40 - 140
alpha-Chlordane [2C]	0.100	0.0689	68.9	40 - 140
beta-BHC	0.100	0.0743	74.3	40 - 140
beta-BHC [2C]	0.100	0.0681	68.1	40 - 140
delta-BHC	0.100	0.0493	49.3	40 - 140
delta-BHC [2C]	0.100	0.0517	51.7	40 - 140
Dieldrin	0.100	0.0629	62.9	40 - 140
Dieldrin [2C]	0.100	0.0669	66.9	40 - 140
Endosulfan I	0.100	0.0528	52.8	40 - 140
Endosulfan I [2C]	0.100	0.0689	68.9	40 - 140
Endosulfan II	0.100	0.0573	57.3	40 - 140
Endosulfan II [2C]	0.100	0.0701	70.1	40 - 140
Endosulfan sulfate	0.100	0.0588	58.8	40 - 140
Endosulfan sulfate [2C]	0.100	0.0679	67.9	40 - 140
Endrin	0.100	0.0691	69.1	40 - 140
Endrin [2C]	0.100	0.0747	74.7	40 - 140
Endrin aldehyde	0.100	0.0641	64.1	40 - 140
Endrin aldehyde [2C]	0.100	0.0668	66.8	40 - 140
Endrin ketone	0.100	0.0658	65.8	40 - 140
Endrin ketone [2C]	0.100	0.0708	70.8	40 - 140

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20471	Laboratory ID:	BI20471-BS1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
gamma-BHC (Lindane)	0.100	0.0615	61.5	40 - 140
gamma-BHC (Lindane) [2C]	0.100	0.0680	68.0	40 - 140
gamma-Chlordane	0.100	0.0657	65.7	40 - 140
gamma-Chlordane [2C]	0.100	0.0700	70.0	40 - 140
Heptachlor	0.100	0.0645	64.5	40 - 140
Heptachlor [2C]	0.100	0.0682	68.2	40 - 140
Heptachlor epoxide	0.100	0.0645	64.5	40 - 140
Heptachlor epoxide [2C]	0.100	0.0699	69.9	40 - 140
Methoxychlor	0.100	0.105	105	40 - 140
Methoxychlor [2C]	0.100	0.0968	96.8	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20471	Laboratory ID:	BI20471-BSD1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDD	0.100	0.0881	88.1	15.4	20	40 - 140
4,4'-DDD [2C]	0.100	0.0903	90.3	13.8	20	40 - 140
4,4'-DDE	0.100	0.0979	97.9	14.0	20	40 - 140
4,4'-DDE [2C]	0.100	0.0814	81.4	17.7	20	40 - 140
4,4'-DDT	0.100	0.0819	81.9	15.2	20	40 - 140
4,4'-DDT [2C]	0.100	0.0954	95.4	14.9	20	40 - 140
Aldrin	0.100	0.0687	68.7	12.1	20	40 - 140
Aldrin [2C]	0.100	0.0771	77.1	13.0	20	40 - 140
alpha-BHC	0.100	0.0659	65.9	13.1	20	40 - 140
alpha-BHC [2C]	0.100	0.0766	76.6	15.7	20	40 - 140
alpha-Chlordane	0.100	0.0690	69.0	12.9	20	40 - 140
alpha-Chlordane [2C]	0.100	0.0796	79.6	14.4	20	40 - 140
beta-BHC	0.100	0.0850	85.0	13.4	20	40 - 140
beta-BHC [2C]	0.100	0.0800	80.0	16.0	20	40 - 140
delta-BHC	0.100	0.0594	59.4	18.6	20	40 - 140
delta-BHC [2C]	0.100	0.0612	61.2	16.8	20	40 - 140
Dieldrin	0.100	0.0723	72.3	13.9	20	40 - 140
Dieldrin [2C]	0.100	0.0776	77.6	14.9	20	40 - 140
Endosulfan I	0.100	0.0586	58.6	10.5	20	40 - 140
Endosulfan I [2C]	0.100	0.0792	79.2	13.9	20	40 - 140
Endosulfan II	0.100	0.0667	66.7	15.1	20	40 - 140
Endosulfan II [2C]	0.100	0.0791	79.1	12.0	20	40 - 140
Endosulfan sulfate	0.100	0.0679	67.9	14.5	20	40 - 140
Endosulfan sulfate [2C]	0.100	0.0787	78.7	14.7	20	40 - 140
Endrin	0.100	0.0804	80.4	15.1	20	40 - 140
Endrin [2C]	0.100	0.0866	86.6	14.8	20	40 - 140
Endrin aldehyde	0.100	0.0726	72.6	12.3	20	40 - 140
Endrin aldehyde [2C]	0.100	0.0774	77.4	14.7	20	40 - 140
Endrin ketone	0.100	0.0749	74.9	13.0	20	40 - 140
Endrin ketone [2C]	0.100	0.0806	80.6	12.9	20	40 - 140

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Water		
Batch:	BI20471	Laboratory ID:	BI20471-BSD1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	0.100	0.0706	70.6	13.8	20	40 - 140
gamma-BHC (Lindane) [2C]	0.100	0.0788	78.8	14.7	20	40 - 140
gamma-Chlordane	0.100	0.0741	74.1	12.0	20	40 - 140
gamma-Chlordane [2C]	0.100	0.0813	81.3	14.9	20	40 - 140
Heptachlor	0.100	0.0733	73.3	12.9	20	40 - 140
Heptachlor [2C]	0.100	0.0769	76.9	12.0	20	40 - 140
Heptachlor epoxide	0.100	0.0735	73.5	13.0	20	40 - 140
Heptachlor epoxide [2C]	0.100	0.0804	80.4	14.0	20	40 - 140
Methoxychlor	0.100	0.118	118	11.6	20	40 - 140
Methoxychlor [2C]	0.100	0.121	121	22.5 *	20	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil and ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SP-14 (6-8).

Laboratory Control Sample: The percent recoveries for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil sample BI21067-BS2 and aqueous sample BI20471-BS2.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The average %Ds for target aroclors were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The analyses of the soil and ground water samples reported target aroclors as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 537 Modified PFAS Data for
York Analytical Laboratories, Inc., SDG: 22I0453

3 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad COD for target PFAS were above the allowable minimum (0.995), as required.

Continuing Calibration: The %D for 8:2 FTS was above the allowable maximum (30%) on 09-15-22 (QQQ304251.d). The %D for PFTrDA was above the allowable maximum (30%) on 09-17-22 (QQQ304347.d). Positive results for these PFAS should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Three of eighteen surrogate recoveries for sample SP-12 (10-12) were above QC limits. Two of eighteen surrogate recoveries for sample MW-1 were above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the sample.

Laboratory Control Sample: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples BI20511-BS1/BSD1. The %Rs for target PFAS were within QC limits for soil sample BI20595-BS1.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Sequence: Y2I1551
Instrument: QQQ3
Calibration: YI20019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-1 (22I0453-01)			Lab File ID: QQQ304252.d		Analyzed: 09/15/22 18:25			
M3PFBS	74.3	103	25 - 150	4.699733	4.594452	0.1053	+/-1.00	
M5PFHxA	80.0	79.7	25 - 150	5.368516	5.253693	0.1148	+/-1.00	
M4PFHpA	80.0	84.1	25 - 150	5.87155	5.767476	0.1041	+/-1.00	
M3PFHxS	75.7	110	25 - 150	5.922167	5.819569	0.1026	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.0	110	25 - 150	6.207483	6.108593	0.0989	+/-1.00	
M6PFDA	80.0	121	25 - 150	6.726666	6.649567	0.0771	+/-1.00	
M7PFUdA	80.0	111	25 - 150	6.977283	6.922238	0.0550	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	80.0	108	25 - 150	7.245117	7.220029	0.0251	+/-1.00	
M2PFTeDA	80.0	84.4	10 - 150	7.865167	7.939419	-0.0743	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	80.0	103	25 - 150	0.9007334	0.9328952	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	76.6	123	25 - 150	6.483483	6.400448	0.0830	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.0	92.9	25 - 150	3.961367	3.894698	0.0667	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	80.0	26.9	10 - 150	7.232633	7.168845	0.0638	+/-1.00	
d3-N-MeFOSAA	80.0	109	25 - 150	6.8344	6.766034	0.0684	+/-1.00	
d5-N-EtFOSAA	80.0	143	25 - 150	6.9683	6.909667	0.0586	+/-1.00	
M2-6:2 FTS	75.9	274	25 - 200	6.190166	6.089998	0.1002	+/-1.00	*
M2-8:2 FTS	76.6	221	25 - 200	6.71755	6.638267	0.0793	+/-1.00	*
M9PFNA	80.0	99.8	25 - 150	6.47595	6.38815	0.0878	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 537m

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Sequence:	Y2I1925	Instrument:	QQQ3
		Calibration:	YI20019

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SP-12 (10-12) (22I0453-06)			Lab File ID: QQQ304356.d		Analyzed: 09/17/22 08:16			
M3PFBS	5.38	114	25 - 150	4.585267	4.594452	-0.0092	+/-1.00	
M5PFHxA	5.79	74.0	25 - 150	5.296317	5.253693	0.0426	+/-1.00	
M4PFHpA	5.79	59.3	25 - 150	5.807917	5.767476	0.0404	+/-1.00	
M3PFHxS	5.48	139	25 - 150	5.857783	5.819569	0.0382	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.79	109	25 - 150	6.143417	6.108593	0.0348	+/-1.00	
M6PFDA	5.79	88.8	25 - 150	6.661817	6.649567	0.0122	+/-1.00	
M7PFUdA	5.79	79.8	25 - 150	6.921333	6.922238	-0.0009	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	5.79	76.2	25 - 150	7.197067	7.220029	-0.0230	+/-1.00	
M2PFTeDA	5.79	78.8	10 - 150	7.83285	7.939419	-0.1066	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	5.79	153	25 - 150	0.7339333	0.9328952	-0.1990	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.55	114	25 - 150	6.427633	6.400448	0.0272	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.79	124	25 - 150	3.6862	3.894698	-0.2085	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.79	48.1	10 - 150	7.177567	7.168845	0.0087	+/-1.00	
d3-N-MeFOSAA	5.79	101	25 - 150	6.778067	6.766034	0.0120	+/-1.00	
d5-N-EtFOSAA	5.79	79.2	25 - 150	6.903917	6.909667	-0.0057	+/-1.00	
M2-6:2 FTS	5.50	383	25 - 200	6.126117	6.089998	0.0361	+/-1.00	*
M2-8:2 FTS	5.55	285	25 - 200	6.652833	6.638267	0.0146	+/-1.00	*
M9PFNA	5.79	88.4	25 - 150	6.411833	6.38815	0.0237	+/-1.00	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 537m

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QQQ3	Calibration:	YI20019
Lab File ID:	QQQ304251.d	Calibration Date:	09/14/22 17:21
Sequence:	Y2I1551	Injection Date:	09/15/22
Lab Sample ID:	Y2I1551-CCV4	Injection Time:	18:12

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	4.80	3.14	9.004227E-02	6.227038E-02		-34.5	30 *
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	4.75	3.85	0.1068123	8.966141E-02		-18.9	30
N-EtFOSAA	A	5.00	4.79	0.1942137	0.1927916		-4.3	30
N-MeFOSAA	A	5.00	5.19	0.2219977	0.2545344		3.8	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	4.82	3.80	0.1158779	0.1081143		-21.1	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	4.98	4.71	0.121704	0.1247776		-5.4	30
Perfluoro-1-octanesulfonamide (FOSA)	A	5.00	4.69	0.1988827	0.1867564		-6.2	30
Perfluorobutanesulfonic acid (PFBS)	A	4.42	3.58	0.1668315	0.1461234		-18.9	30
Perfluorodecanoic acid (PFDA)	A	5.00	4.52	0.806297	0.8185029		-9.6	30
Perfluorododecanoic acid (PFDoA)	A	5.00	4.72	0.7071314	0.7226466		-5.5	30
Perfluoroheptanoic acid (PFHpA)	A	5.00	4.30	0.8416604	0.7991105		-14.0	30
Perfluorohexanesulfonic acid (PFHxS)	A	4.56	3.65	0.1370552	0.1283321		-20.0	30
Perfluorohexanoic acid (PFHxA)	A	5.00	4.56	0.6778102	0.693383		-8.7	30
Perfluoro-n-butanoic acid (PFBA)	A	5.00	4.79	0.3959338	0.4090912		-4.2	30
Perfluorononanoic acid (PFNA)	A	4.80	4.64	0.8783935	0.9385602		-3.3	30
Perfluorooctanesulfonic acid (PFOS)	A	4.62	3.59	0.1240356	0.1095473		-22.3	30
Perfluorooctanoic acid (PFOA)	A	5.00	4.65	0.8657395	0.8867133		-6.9	30
Perfluoropentanoic acid (PFPeA)	A	5.00	4.45	0.2980671	0.2846338		-11.1	30
Perfluorotetradecanoic acid (PFTA)	A	5.00	4.80	1.003832	1.049365		-4.0	30
Perfluorotridecanoic acid (PFTrDA)	A	5.00	3.63	3.834758E-02	3.207901E-02		-27.5	30
Perfluoroundecanoic acid (PFUnA)	A	5.00	4.84	0.7639115	0.8315048		-3.3	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 537m

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Instrument ID:	QQQ3	Calibration:	YI20019
Lab File ID:	QQQ304347.d	Calibration Date:	09/14/22 17:21
Sequence:	Y2I1925	Injection Date:	09/17/22
Lab Sample ID:	Y2I1925-CCV7	Injection Time:	06:20

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	4.80	4.21	9.004227E-02	8.196235E-02		-12.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	4.75	4.47	0.1068123	0.1031202		-5.8	30	
N-EtFOSAA	A	5.00	4.39	0.1942137	0.177011		-12.3	30	
N-MeFOSAA	A	5.00	4.66	0.2219977	0.2282974		-6.8	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	4.82	3.70	0.1158779	0.1054881		-23.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	4.98	3.70	0.121704	9.876617E-02		-25.7	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	5.00	4.64	0.1988827	0.184642		-7.2	30	
Perfluorobutanesulfonic acid (PFBS)	A	4.42	3.86	0.1668315	0.1568076		-12.8	30	
Perfluorodecanoic acid (PFDA)	A	5.00	4.91	0.806297	0.8870296		-1.8	30	
Perfluorododecanoic acid (PFDoA)	A	5.00	4.81	0.7071314	0.7365719		-3.7	30	
Perfluoroheptanoic acid (PFHpA)	A	5.00	4.59	0.8416604	0.852509		-8.1	30	
Perfluorohexanesulfonic acid (PFHxS)	A	4.56	3.68	0.1370552	0.1295226		-19.2	30	
Perfluorohexanoic acid (PFHxA)	A	5.00	4.45	0.6778102	0.6756999		-11.1	30	
Perfluoro-n-butanoic acid (PFBA)	A	5.00	5.00	0.3959338	0.4274291		0.06	30	
Perfluorononanoic acid (PFNA)	A	4.80	4.74	0.8783935	0.9578088		-1.3	30	
Perfluorooctanesulfonic acid (PFOS)	A	4.62	3.36	0.1240356	0.102851		-27.2	30	
Perfluorooctanoic acid (PFOA)	A	5.00	4.63	0.8657395	0.8830807		-7.3	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.30	0.2980671	0.2754132		-13.9	30	
Perfluorotetradecanoic acid (PFTA)	A	5.00	4.91	1.003832	1.073962		-1.8	30	
Perfluorotridecanoic acid (PFTrDA)	A	5.00	1.87	3.834758E-02	0.0167592		-62.5	30	*
Perfluoroundecanoic acid (PFUnA)	A	5.00	4.80	0.7639115	0.8249497		-4.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries (%Rs) for iron and zinc were above control limits (90-110%), but not above 150% for Y2I1522-CCVC. The %R for iron was above control limits (90-110%), but not above 150% for Y2I1629-CCVB. The %Rs for antimony and cadmium were above control limits (90-110%), but not above 150% for Y2I1902-CCV5. The %Rs for lead and thallium were above control limits (90-110%), but not above 150% for Y2I2013-CCVA. The %Rs for cobalt, nickel, potassium, selenium, and zinc were above control limits (90-110%), but not above 150% for Y2I2116-CCV4. The %Rs for potassium and zinc were above control limits (90-110%), but not above 150% for Y2I2116-CCV5. Positive results for these metals should be considered as estimated, biased high (J+) in associated samples.

The %R for cadmium was below control limits (90-110%), but not below 50% for Y2I2307-CCV5. The %R for antimony was below control limits (90-110%), but not below 50% for Y2I2116-CCV5. Positive results for these metals should be considered as estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recoveries for chromium and sodium were below laboratory QC limits, but not below 30% for the CRDL sample Y2I1430-CRL1/2. Positive results for these metals that are below 4 times the MRL should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Blanks: Total method blank BI20586-BLK1 contained calcium (0.125 mg/L) above the RL. Dissolved method blank BI20783-BLK1 contained calcium (0.159 mg/L) and potassium (0.0671 mg/L) above the RLs. Method blank BI20845-BLK1 contained calcium (28.2 mg/kg) above the RL. Method blank BI20853-BLK1 contained calcium (14.8 mg/kg) and potassium (5.78 mg/kg) above the RLs. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

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ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check samples.

Spike Sample Recovery: The percent recoveries (%Rs) for copper thallium, and zinc were above control limits (75-125%) for soil spike sample SP-14 (6-8). Positive results for copper, thallium, and zinc should be considered estimated, biased high (J+) in associated soil samples.

The %Rs for antimony and sodium were below control limits (75-125%), but not below 10% for soil spike sample SP-14 (6-8). Positive results for antimony and sodium should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicate: The relative percent differences for arsenic, calcium, magnesium, and manganese were above the allowable maximum (35%) for soil duplicate sample SP-14 (6-8). Positive results for arsenic, calcium, magnesium, and manganese should be considered estimated (J) in associated soil samples.

Laboratory Control Sample: The percent recovery (%R) for sodium was above control limits (80-120%) for total aqueous sample BI20586-BS1. The %R for iron was above control limits (80-120%) for dissolved aqueous sample BI20783-BS1. Positive results for these metals should be considered estimated, biased high (J+) in associated aqueous samples.

The %R for sodium was below control limits (80-120%) and below 30% for dissolved aqueous sample BI20783-BS1. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The %R for thallium was above QC limits for soil sample BI20845-SRM1. Positive results for thallium should be considered estimated, biased high (J+) in associated soil samples.

Serial Dilution: The %Ds for nickel and zinc were above the allowable maximum (15%) for soil serial dilution sample SP-14 (6-8). Positive results for nickel and zinc that are above the RLs should be considered estimated (J) in associated soil samples.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

Dissolved vs Total: The dissolved metal results were less than the total result plus 10%, as required.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20586 - EPA 3015A											
Blank (BI20586-BLK1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.125	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BI20586-BS1)											Prepared: 09/13/2022 Analyzed: 09/14/2022
Aluminum	1.78		ug/mL	2.00		88.8	80-120				
Barium	2.10		"	2.00		105	80-120				
Calcium	0.898		"	1.00		89.8	80-120				
Chromium	0.202		"	0.200		101	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.257		"	0.250		103	80-120				
Iron	1.01		"	1.00		101	80-120				
Lead	0.489		"	0.500		97.8	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.526		"	0.500		105	80-120				
Nickel	0.493		"	0.500		98.5	80-120				
Potassium	0.998		"	1.00		99.8	80-120				
Silver	0.0494		"	0.0500		98.9	80-120				
Sodium	1.59		"	1.00		159	80-120	High Bias			
Vanadium	0.515		"	0.500		103	80-120				
Zinc	0.518		"	0.500		104	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20783 - EPA 3015A											
Blank (BI20783-BLK1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	0.159	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.0671	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BI20783-BS1)											Prepared: 09/15/2022 Analyzed: 09/16/2022
Aluminum - Dissolved	1.85		ug/mL	2.00		92.3	80-120				
Barium - Dissolved	2.13		"	2.00		106	80-120				
Calcium - Dissolved	0.865		"	1.00		86.5	80-120				
Chromium - Dissolved	0.209		"	0.200		105	80-120				
Cobalt - Dissolved	0.534		"	0.500		107	80-120				
Copper - Dissolved	0.257		"	0.250		103	80-120				
Iron - Dissolved	1.24		"	1.00		124	80-120	High Bias			
Lead - Dissolved	0.507		"	0.500		101	80-120				
Magnesium - Dissolved	1.05		"	1.00		105	80-120				
Manganese - Dissolved	0.528		"	0.500		106	80-120				
Nickel - Dissolved	0.498		"	0.500		99.7	80-120				
Potassium - Dissolved	0.862		"	1.00		86.2	80-120				
Silver - Dissolved	0.0496		"	0.0500		99.1	80-120				
Sodium - Dissolved	0.255		"	1.00		25.5	80-120	Low Bias			
Vanadium - Dissolved	0.510		"	0.500		102	80-120				
Zinc - Dissolved	0.520		"	0.500		104	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20845 - EPA 3050B											
Blank (BI20845-BLK1)										Prepared: 09/16/2022 Analyzed: 09/19/2022	
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	28.2	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BI20845-DUP1)	*Source sample: 22I0453-05 (SP-14 (6-8))									Prepared: 09/16/2022 Analyzed: 09/19/2022	
Aluminum	6390	5.89	mg/kg dry		6230				2.58	35	
Antimony	3.42	2.94	"		4.16				19.4	35	
Arsenic	10.7	1.77	"		6.99				42.4	35	Non-dir.
Barium	83.0	2.94	"		64.9				24.6	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.353	"		ND					35	
Calcium	24300	5.89	"		4330				139	35	Non-dir.
Chromium	14.0	0.589	"		14.5				3.08	35	
Cobalt	6.66	0.471	"		6.40				4.10	35	
Copper	44.8	2.35	"		31.5				34.9	35	
Iron	18600	29.4	"		18700				0.0765	35	
Lead	734	0.589	"		763				3.79	35	
Magnesium	3240	5.89	"		2080				43.8	35	Non-dir.
Manganese	452	0.589	"		228				65.9	35	Non-dir.
Nickel	21.6	1.18	"		20.0				7.81	35	
Potassium	1180	5.89	"		1100				7.11	35	
Selenium	ND	2.94	"		ND					35	
Silver	ND	0.589	"		ND					35	
Sodium	288	58.9	"		264				8.71	35	
Thallium	ND	1.22	"		ND					35	
Vanadium	21.3	1.18	"		19.2				10.2	35	
Zinc	70.8	2.94	"		58.9				18.5	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20845 - EPA 3050B											
Reference (BI20845-SRM1)								Prepared: 09/16/2022 Analyzed: 09/19/2022			
Aluminum	6920	5.00	mg/kg wet	6640		104	49.7-150.6				
Antimony	62.0	2.50	"	113		54.7	20.4-249.3				
Arsenic	77.7	1.50	"	72.8		107	70-130.4				
Barium	316	2.50	"	289		109	75.2-130.3				
Beryllium	87.8	0.050	"	85.8		102	74.8-132				
Cadmium	133	0.300	"	133		99.5	75-145.6				
Calcium	3500	5.00	"	3420		103	71.7-139.3				
Chromium	203	0.500	"	192		105	70.1-134.2				
Cobalt	218	0.400	"	201		109	75.1-141.5				
Copper	134	2.00	"	120		112	75-126.4				
Iron	11500	25.0	"	11800		97.1	35.3-164.8				
Lead	240	0.500	"	222		108	74.1-125.9				
Magnesium	2040	5.00	"	1850		110	61.3-138.7				
Manganese	491	0.500	"	462		106	77.3-132.8				
Nickel	306	1.00	"	292		105	70-144				
Potassium	1790	5.00	"	1620		111	58.2-141.8				
Selenium	73.9	2.50	"	108		68.2	66.9-133.8				
Silver	47.9	0.500	"	47.6		101	70.2-129.8				
Sodium	ND	50.0	"	97.5			30.5-170.1	Low Bias			
Thallium	101	1.04	"	62.8		161	64.3-135.3	High Bias			
Vanadium	76.5	1.00	"	73.8		104	65.6-134.3				
Zinc	131	2.50	"	133		98.1	70-130				
Batch BI20853 - EPA 3050B											
Blank (BI20853-BLK1)								Prepared: 09/16/2022 Analyzed: 09/20/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	14.8	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	5.78	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	1.04	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/14/22
Control Limt: +/- 10.00%
Sequence: Y2I1522

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I1522-CCVC	Copper	1.25	1.33	106		ug/mL	EPA 6010D
	Iron	5.00	5.66	113	*	ug/mL	EPA 6010D
	Lead	0.500	0.516	103		ug/mL	EPA 6010D
	Magnesium	25.0	28.7	115	*	ug/mL	EPA 6010D
	Manganese	2.50	2.91	116	*	ug/mL	EPA 6010D
	Nickel	2.50	2.81	112	*	ug/mL	EPA 6010D
	Potassium	5.00	5.39	108		ug/mL	EPA 6010D
	Silver	1.25	1.39	111	*	ug/mL	EPA 6010D
	Sodium	25.0	26.9	108		ug/mL	EPA 6010D
	Vanadium	2.50	2.87	115	*	ug/mL	EPA 6010D
	Zinc	2.50	2.88	115	*	ug/mL	EPA 6010D
Y2I1522-CCVD	Aluminum	10.0	10.5	105		ug/mL	EPA 6010D
	Barium	10.0	11.6	116	*	ug/mL	EPA 6010D
	Calcium	25.0	26.6	106		ug/mL	EPA 6010D
	Chromium	1.00	1.14	114	*	ug/mL	EPA 6010D
	Cobalt	2.50	2.88	115	*	ug/mL	EPA 6010D
	Copper	1.25	1.34	107		ug/mL	EPA 6010D
	Iron	5.00	5.72	114	*	ug/mL	EPA 6010D
	Lead	0.500	0.547	109		ug/mL	EPA 6010D
	Magnesium	25.0	28.7	115	*	ug/mL	EPA 6010D
	Manganese	2.50	2.88	115	*	ug/mL	EPA 6010D
	Nickel	2.50	2.85	114	*	ug/mL	EPA 6010D
	Potassium	5.00	5.46	109		ug/mL	EPA 6010D
	Silver	1.25	1.41	112	*	ug/mL	EPA 6010D
	Sodium	25.0	26.6	107		ug/mL	EPA 6010D
	Vanadium	2.50	2.83	113	*	ug/mL	EPA 6010D
	Zinc	2.50	2.92	117	*	ug/mL	EPA 6010D

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/15/22
Control Limt: +/- 10.00%
Sequence: Y2I1629

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I1629-CCVB	Copper	1.25	1.55	124	*	ug/mL	EPA 6010D
	Iron	5.00	6.59	132	*	ug/mL	EPA 6010D
	Lead	0.500	0.621	124	*	ug/mL	EPA 6010D
	Magnesium	25.0	33.9	135	*	ug/mL	EPA 6010D
	Manganese	2.50	3.21	128	*	ug/mL	EPA 6010D
	Nickel	2.50	3.23	129	*	ug/mL	EPA 6010D
	Potassium	5.00	6.49	130	*	ug/mL	EPA 6010D
	Silver	1.25	1.57	126	*	ug/mL	EPA 6010D
	Sodium	25.0	30.4	122	*	ug/mL	EPA 6010D
	Vanadium	2.50	3.15	126	*	ug/mL	EPA 6010D
	Zinc	2.50	3.39	136	*	ug/mL	EPA 6010D
Y2I1629-CCVC	Aluminum	10.0	12.5	125	*	ug/mL	EPA 6010D
	Barium	10.0	11.6	116	*	ug/mL	EPA 6010D
	Calcium	25.0	32.0	128	*	ug/mL	EPA 6010D
	Chromium	1.00	1.31	131	*	ug/mL	EPA 6010D
	Cobalt	2.50	3.34	134	*	ug/mL	EPA 6010D
	Copper	1.25	1.56	125	*	ug/mL	EPA 6010D
	Iron	5.00	6.68	134	*	ug/mL	EPA 6010D
	Lead	0.500	0.641	128	*	ug/mL	EPA 6010D
	Magnesium	25.0	34.3	137	*	ug/mL	EPA 6010D
	Manganese	2.50	3.23	129	*	ug/mL	EPA 6010D
	Nickel	2.50	3.26	130	*	ug/mL	EPA 6010D
	Potassium	5.00	6.21	124	*	ug/mL	EPA 6010D
	Silver	1.25	1.59	127	*	ug/mL	EPA 6010D
	Sodium	25.0	30.9	124	*	ug/mL	EPA 6010D
	Vanadium	2.50	3.17	127	*	ug/mL	EPA 6010D
	Zinc	2.50	3.50	140	*	ug/mL	EPA 6010D

* Values outside of QC limits

CRDL STANDARD

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/14/22
Sequence: Y2I1430

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
Y2I1430-CRL1	Aluminum	0.500	0.472	94.5	ug/mL	70 - 130
	Barium	0.0250	0.0263	105	ug/mL	70 - 130
	Calcium	0.500	0.425	85.1	ug/mL	70 - 130
	Chromium	0.00500	0.00312	62.5 *	ug/mL	70 - 130
	Cobalt	0.00400	0.00371	92.7	ug/mL	70 - 130
	Copper	0.0400	0.0314	78.4	ug/mL	70 - 130
	Iron	0.500	0.486	97.3	ug/mL	70 - 130
	Lead	0.00500	0.00473	94.6	ug/mL	70 - 130
	Magnesium	0.500	0.496	99.2	ug/mL	70 - 130
	Manganese	0.0100	0.0103	103	ug/mL	70 - 130
	Nickel	0.0100	0.00733	73.3	ug/mL	70 - 130
	Potassium	0.500	0.446	89.2	ug/mL	70 - 130
	Silver	0.0100	0.00953	95.3	ug/mL	70 - 130
	Vanadium	0.0100	0.0102	102	ug/mL	70 - 130
	Zinc	0.0250	0.0258	103	ug/mL	70 - 130
Y2I1430-CRL2	Sodium	0.250	0.151	60.3 *	ug/mL	70 - 130

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: Nexion2000C
Calibration: 09/16/22
Control Limt: +/- 10.00%
Sequence: Y2I1902

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I1902-ICV1	Antimony (dissolved)	50.0	43.2	86.4	*	ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	50.4	101		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	50.0	100		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	47.8	95.6		ug/L	EPA 6020B
	Selenium (dissolved)	50.0	45.6	91.2		ug/L	EPA 6020B
	Thallium (dissolved)	50.0	50.3	101		ug/L	EPA 6020B
Y2I1902-CCV1	Antimony (dissolved)	50.0	44.9	89.8	*	ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	49.6	99.1		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	51.6	103		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	48.6	97.2		ug/L	EPA 6020B
	Selenium (dissolved)	50.0	49.6	99.2		ug/L	EPA 6020B
	Thallium (dissolved)	50.0	50.6	101		ug/L	EPA 6020B
Y2I1902-CCV2	Antimony (dissolved)	50.0	45.3	90.7		ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	50.8	102		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	51.9	104		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	49.5	99.1		ug/L	EPA 6020B
	Selenium (dissolved)	50.0	54.1	108		ug/L	EPA 6020B
	Thallium (dissolved)	50.0	49.8	99.6		ug/L	EPA 6020B
Y2I1902-CCV4	Antimony (dissolved)	50.0	53.6	107		ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	51.2	102		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	52.5	105		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	56.7	113	*	ug/L	EPA 6020B
	Selenium (dissolved)	50.0	57.2	114	*	ug/L	EPA 6020B
	Thallium (dissolved)	50.0	51.6	103		ug/L	EPA 6020B
Y2I1902-CCV5	Antimony (dissolved)	50.0	60.4	121	*	ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	50.6	101		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	48.9	97.7		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	62.6	125	*	ug/L	EPA 6020B
	Selenium (dissolved)	50.0	46.3	92.6		ug/L	EPA 6020B
	Thallium (dissolved)	50.0	52.1	104		ug/L	EPA 6020B
Y2I1902-CCV6	Antimony (dissolved)	50.0	66.5	133	*	ug/L	EPA 6020B
	Arsenic (dissolved)	50.0	50.7	101		ug/L	EPA 6020B
	Beryllium (dissolved)	50.0	50.7	101		ug/L	EPA 6020B
	Cadmium (dissolved)	50.0	68.1	136	*	ug/L	EPA 6020B
	Selenium (dissolved)	50.0	52.7	105		ug/L	EPA 6020B
	Thallium (dissolved)	50.0	53.1	106		ug/L	EPA 6020B

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: Nexion2000C
Calibration: 09/22/22
Control Limt: +/- 10.00%
Sequence: Y2I2307

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I2307-ICV1	Antimony	50.0	47.7	95.4		ug/L	EPA 6020B
	Arsenic	50.0	50.9	102		ug/L	EPA 6020B
	Beryllium	50.0	49.9	99.9		ug/L	EPA 6020B
	Cadmium	50.0	49.9	99.9		ug/L	EPA 6020B
	Selenium	50.0	48.0	96.1		ug/L	EPA 6020B
	Thallium	50.0	53.1	106		ug/L	EPA 6020B
Y2I2307-CCV1	Antimony	50.0	46.1	92.1		ug/L	EPA 6020B
	Arsenic	50.0	46.8	93.6		ug/L	EPA 6020B
	Beryllium	50.0	48.9	97.9		ug/L	EPA 6020B
	Cadmium	50.0	49.9	99.8		ug/L	EPA 6020B
	Selenium	50.0	49.8	99.5		ug/L	EPA 6020B
	Thallium	50.0	52.4	105		ug/L	EPA 6020B
Y2I2307-CCV2	Antimony	50.0	47.8	95.7		ug/L	EPA 6020B
	Arsenic	50.0	51.0	102		ug/L	EPA 6020B
	Beryllium	50.0	48.3	96.5		ug/L	EPA 6020B
	Cadmium	50.0	51.5	103		ug/L	EPA 6020B
	Selenium	50.0	46.7	93.4		ug/L	EPA 6020B
	Thallium	50.0	51.9	104		ug/L	EPA 6020B
Y2I2307-CCV3	Antimony	50.0	46.2	92.4		ug/L	EPA 6020B
	Arsenic	50.0	51.4	103		ug/L	EPA 6020B
	Beryllium	50.0	44.2	88.4	*	ug/L	EPA 6020B
	Cadmium	50.0	47.0	94.0		ug/L	EPA 6020B
	Selenium	50.0	52.8	106		ug/L	EPA 6020B
	Thallium	50.0	53.7	107		ug/L	EPA 6020B
Y2I2307-CCV4	Antimony	50.0	46.3	92.7		ug/L	EPA 6020B
	Arsenic	50.0	51.9	104		ug/L	EPA 6020B
	Beryllium	50.0	46.1	92.3		ug/L	EPA 6020B
	Cadmium	50.0	44.8	89.7	*	ug/L	EPA 6020B
	Selenium	50.0	49.4	98.8		ug/L	EPA 6020B
	Thallium	50.0	53.4	107		ug/L	EPA 6020B
Y2I2307-CCV5	Antimony	50.0	46.7	93.4		ug/L	EPA 6020B
	Arsenic	50.0	54.3	109		ug/L	EPA 6020B
	Beryllium	50.0	46.9	93.8		ug/L	EPA 6020B
	Cadmium	50.0	44.5	88.9	*	ug/L	EPA 6020B
	Selenium	50.0	47.8	95.7		ug/L	EPA 6020B
	Thallium	50.0	56.0	112	*	ug/L	EPA 6020B
Y2I2307-CCV6	Antimony	50.0	49.5	99.1		ug/L	EPA 6020B

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

SP-14 (6-8)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22I0453
Client:	Hydro Tech Environmental (Brooklyn)	Project:	220058 601-607 Union St., Brooklyn, NY
Matrix:	Soil		
Batch:	BI20845	Laboratory ID:	BI20845-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: SP-14 (6-8)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	196	6230	7460	NA	75 - 125
Antimony	24.5	4.16	10.9	27.7 *	75 - 125
Arsenic	196	6.99	220	109	75 - 125
Barium	196	64.9	310	125	75 - 125
Beryllium	4.91	ND	5.10	104	75 - 125
Cadmium	4.91	ND	4.98	102	75 - 125
Calcium	98.1	4330	22300	NA	75 - 125
Chromium	19.6	14.5	36.6	113	75 - 125
Cobalt	49.1	6.40	60.6	110	75 - 125
Copper	24.5	31.5	77.7	188 *	75 - 125
Iron	98.1	18700	14200	NA	75 - 125
Lead	49.1	763	896	NA	75 - 125
Magnesium	98.1	2080	3670	NA	75 - 125
Manganese	49.1	228	408	NA	75 - 125
Nickel	49.1	20.0	71.1	104	75 - 125
Potassium	98.1	1100	1450	NA	75 - 125
Selenium	196	ND	150	76.4	75 - 125
Silver	4.91	ND	5.51	112	75 - 125
Sodium	98.1	264	300	36.7 *	75 - 125
Thallium	196	ND	380	194 *	75 - 125
Vanadium	49.1	19.2	71.2	106	75 - 125
Zinc	49.1	58.9	163	212 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore. the %REC is not applicable.

DUPLICATES

EPA 6010D

SP-14 (6-8)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Laboratory ID: BI20845-DUP1
Batch: BI20845
Lab Source ID: 22I0453-05
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL
Source Sample Name: SP-14 (6-8)
% Solids: 84.95

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Aluminum	35	6230		6390		2.58		EPA 6010D
Antimony	35	4.16		3.42		19.4		EPA 6010D
Arsenic	35	6.99		10.7		42.4	*	EPA 6010D
Barium	35	64.9		83.0		24.6		EPA 6010D
Beryllium	35	ND		ND				EPA 6010D
Cadmium	35	ND		ND				EPA 6010D
Calcium	35	4330		24300		139	*	EPA 6010D
Chromium	35	14.5		14.0		3.08		EPA 6010D
Cobalt	35	6.40		6.66		4.10		EPA 6010D
Copper	35	31.5		44.8		34.9		EPA 6010D
Iron	35	18700		18600		0.0765		EPA 6010D
Lead	35	763		734		3.79		EPA 6010D
Magnesium	35	2080		3240		43.8	*	EPA 6010D
Manganese	35	228		452		65.9	*	EPA 6010D
Nickel	35	20.0		21.6		7.81		EPA 6010D
Potassium	35	1100		1180		7.11		EPA 6010D
Selenium	35	ND		ND				EPA 6010D
Silver	35	ND		ND				EPA 6010D
Sodium	35	264		288		8.71		EPA 6010D
Thallium	35	ND		ND				EPA 6010D
Vanadium	35	19.2		21.3		10.2		EPA 6010D
Zinc	35	58.9		70.8		18.5		EPA 6010D

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Batch: BI20845
Laboratory ID: BI20845-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	6640	6920	104	49.7 - 150.6
Antimony	113	62.0	54.7	20.4 - 249.3
Arsenic	72.8	77.7	107	70 - 130.4
Barium	289	316	109	75.2 - 130.3
Beryllium	85.8	87.8	102	74.8 - 132
Cadmium	133	133	99.5	75 - 145.6
Calcium	3420	3500	103	71.7 - 139.3
Chromium	192	203	105	70.1 - 134.2
Cobalt	201	218	109	75.1 - 141.5
Copper	120	134	112	75 - 126.4
Iron	11800	11500	97.1	35.3 - 164.8
Lead	222	240	108	74.1 - 125.9
Magnesium	1850	2040	110	61.3 - 138.7
Manganese	462	491	106	77.3 - 132.8
Nickel	292	306	105	70 - 144
Potassium	1620	1790	111	58.2 - 141.8
Selenium	108	73.9	68.2	66.9 - 133.8
Silver	47.6	47.9	101	70.2 - 129.8
Sodium	97.5	ND		30.5 - 170.1
Thallium	62.8	101	161 *	64.3 - 135.3
Vanadium	73.8	76.5	104	65.6 - 134.3
Zinc	133	131	98.1	70 - 130

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

SP-14 (6-8)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Matrix: Soil
Laboratory ID: Y2I2013-SRD4
Sequence: Y2I2013
Lab Source ID: 22I0453-05
Preparation: BI20845
Initial/Final: 0.56 / 50
Source Sample Name: SP-14 (6-8)
% Solids: 84.95

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	6230		6140		1.46		EPA 6010D	10
Antimony	4.16		ND				EPA 6010D	10
Arsenic	6.99		ND				EPA 6010D	10
Barium	64.9		69.4		7.03		EPA 6010D	10
Beryllium	ND		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	4330		4430		2.32		EPA 6010D	10
Chromium	14.5		14.6		0.825		EPA 6010D	10
Cobalt	6.40		7.33		14.6		EPA 6010D	15
Copper	31.5		31.0		1.63		EPA 6010D	10
Iron	18700		20400		9.09		EPA 6010D	10
Lead	763		800		4.86		EPA 6010D	10
Magnesium	2080		2250		8.18		EPA 6010D	10
Manganese	228		241		5.81		EPA 6010D	10
Nickel	20.0		15.1		24.5 *		EPA 6010D	10
Potassium	1100		1150		4.58		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	264		ND				EPA 6010D	10
Thallium	ND		8.17				EPA 6010D	10
Vanadium	19.2		20.3		5.76		EPA 6010D	10
Zinc	58.9		78.2		32.8 *		EPA 6010D	10

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/19/22
Control Limt: +/- 10.00%
Sequence: Y2I2013

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I2013-CCV9	Cobalt	2.50	2.64	105		ug/mL	EPA 6010D
	Copper	1.25	1.32	106		ug/mL	EPA 6010D
	Iron	5.00	5.26	105		ug/mL	EPA 6010D
	Lead	0.500	0.569	114	*	ug/mL	EPA 6010D
	Magnesium	25.0	26.8	107		ug/mL	EPA 6010D
	Manganese	2.50	2.71	109		ug/mL	EPA 6010D
	Nickel	2.50	2.53	101		ug/mL	EPA 6010D
	Potassium	5.00	5.70	114	*	ug/mL	EPA 6010D
	Selenium	0.500	0.530	106		ug/mL	EPA 6010D
	Silver	1.25	1.32	106		ug/mL	EPA 6010D
	Sodium	25.0	26.7	107		ug/mL	EPA 6010D
	Thallium	0.500	0.882	176	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.71	108		ug/mL	EPA 6010D
	Zinc	2.50	2.58	103		ug/mL	EPA 6010D
Y2I2013-CCVA	Aluminum	10.0	9.46	94.6		ug/mL	EPA 6010D
	Antimony	0.250	0.232	92.7		ug/mL	EPA 6010D
	Arsenic	0.500	0.496	99.3		ug/mL	EPA 6010D
	Barium	10.0	10.3	103		ug/mL	EPA 6010D
	Beryllium	0.250	0.258	103		ug/mL	EPA 6010D
	Cadmium	0.250	0.244	97.5		ug/mL	EPA 6010D
	Calcium	25.0	26.8	107		ug/mL	EPA 6010D
	Chromium	1.00	1.03	103		ug/mL	EPA 6010D
	Cobalt	2.50	2.59	104		ug/mL	EPA 6010D
	Copper	1.25	1.26	101		ug/mL	EPA 6010D
	Iron	5.00	5.17	103		ug/mL	EPA 6010D
	Lead	0.500	0.573	115	*	ug/mL	EPA 6010D
	Magnesium	25.0	25.6	102		ug/mL	EPA 6010D
	Manganese	2.50	2.58	103		ug/mL	EPA 6010D
	Nickel	2.50	2.45	98.2		ug/mL	EPA 6010D
	Potassium	5.00	5.34	107		ug/mL	EPA 6010D
	Selenium	0.500	0.509	102		ug/mL	EPA 6010D
	Silver	1.25	1.29	103		ug/mL	EPA 6010D
	Sodium	25.0	26.9	107		ug/mL	EPA 6010D
	Thallium	0.500	1.03	206	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.61	104		ug/mL	EPA 6010D
	Zinc	2.50	2.53	101		ug/mL	EPA 6010D
Y2I2013-CCVB	Aluminum	10.0	10.1	101		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/20/22
Control Limt: +/- 10.00%
Sequence: Y2I2116

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I2116-CCV1	Potassium	5.00	5.46	109		ug/mL	EPA 6010D
	Selenium	0.500	0.528	106		ug/mL	EPA 6010D
	Silver	1.25	1.33	106		ug/mL	EPA 6010D
	Sodium	25.0	24.1	96.3		ug/mL	EPA 6010D
	Thallium	0.500	0.425	84.9	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.55	102		ug/mL	EPA 6010D
	Zinc	2.50	2.90	116	*	ug/mL	EPA 6010D
Y2I2116-CCV4	Aluminum	10.0	9.91	99.1		ug/mL	EPA 6010D
	Antimony	0.250	0.228	91.2		ug/mL	EPA 6010D
	Arsenic	0.500	0.519	104		ug/mL	EPA 6010D
	Barium	10.0	10.7	107		ug/mL	EPA 6010D
	Beryllium	0.250	0.272	109		ug/mL	EPA 6010D
	Cadmium	0.250	0.254	101		ug/mL	EPA 6010D
	Calcium	25.0	26.9	107		ug/mL	EPA 6010D
	Chromium	1.00	1.08	108		ug/mL	EPA 6010D
	Cobalt	2.50	2.77	111	*	ug/mL	EPA 6010D
	Copper	1.25	1.25	99.8		ug/mL	EPA 6010D
	Iron	5.00	5.47	109		ug/mL	EPA 6010D
	Lead	0.500	0.507	101		ug/mL	EPA 6010D
	Magnesium	25.0	27.2	109		ug/mL	EPA 6010D
	Manganese	2.50	2.67	107		ug/mL	EPA 6010D
	Nickel	2.50	2.78	111	*	ug/mL	EPA 6010D
	Potassium	5.00	5.66	113	*	ug/mL	EPA 6010D
	Selenium	0.500	0.556	111	*	ug/mL	EPA 6010D
	Silver	1.25	1.37	110		ug/mL	EPA 6010D
	Sodium	25.0	25.6	102		ug/mL	EPA 6010D
	Thallium	0.500	0.508	102		ug/mL	EPA 6010D
	Vanadium	2.50	2.60	104		ug/mL	EPA 6010D
	Zinc	2.50	2.88	115	*	ug/mL	EPA 6010D
Y2I2116-CCV5	Aluminum	10.0	9.69	96.9		ug/mL	EPA 6010D
	Antimony	0.250	0.222	88.7	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.503	101		ug/mL	EPA 6010D
	Barium	10.0	10.5	105		ug/mL	EPA 6010D
	Beryllium	0.250	0.266	106		ug/mL	EPA 6010D
	Cadmium	0.250	0.244	97.5		ug/mL	EPA 6010D
	Calcium	25.0	26.0	104		ug/mL	EPA 6010D
	Chromium	1.00	1.04	104		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22I0453
Client: Hydro Tech Environmental (Brooklyn)
Project: 220058 601-607 Union St., Brooklyn, NY
Instrument ID: WinLabICP
Calibration: 09/20/22
Control Limt: +/- 10.00%
Sequence: Y2I2116

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2I2116-CCV5	Cobalt	2.50	2.65	106		ug/mL	EPA 6010D
	Copper	1.25	1.22	97.7		ug/mL	EPA 6010D
	Iron	5.00	5.25	105		ug/mL	EPA 6010D
	Lead	0.500	0.492	98.4		ug/mL	EPA 6010D
	Magnesium	25.0	26.8	107		ug/mL	EPA 6010D
	Manganese	2.50	2.62	105		ug/mL	EPA 6010D
	Nickel	2.50	2.68	107		ug/mL	EPA 6010D
	Potassium	5.00	5.65	113	*	ug/mL	EPA 6010D
	Selenium	0.500	0.543	109		ug/mL	EPA 6010D
	Silver	1.25	1.32	105		ug/mL	EPA 6010D
	Sodium	25.0	24.5	98.1		ug/mL	EPA 6010D
	Thallium	0.500	0.495	99.0		ug/mL	EPA 6010D
	Vanadium	2.50	2.55	102		ug/mL	EPA 6010D
	Zinc	2.50	2.77	111	*	ug/mL	EPA 6010D
Y2I2116-CCV6	Aluminum	10.0	10.2	102		ug/mL	EPA 6010D
	Antimony	0.250	0.211	84.2	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.487	97.5		ug/mL	EPA 6010D
	Barium	10.0	9.61	96.1		ug/mL	EPA 6010D
	Beryllium	0.250	0.273	109		ug/mL	EPA 6010D
	Cadmium	0.250	0.249	99.4		ug/mL	EPA 6010D
	Calcium	25.0	25.0	99.9		ug/mL	EPA 6010D
	Chromium	1.00	1.05	105		ug/mL	EPA 6010D
	Cobalt	2.50	2.71	108		ug/mL	EPA 6010D
	Copper	1.25	1.27	101		ug/mL	EPA 6010D
	Iron	5.00	5.34	107		ug/mL	EPA 6010D
	Lead	0.500	0.473	94.6		ug/mL	EPA 6010D
	Magnesium	25.0	28.5	114	*	ug/mL	EPA 6010D
	Manganese	2.50	2.67	107		ug/mL	EPA 6010D
	Nickel	2.50	2.70	108		ug/mL	EPA 6010D
	Potassium	5.00	5.67	113	*	ug/mL	EPA 6010D
	Selenium	0.500	0.520	104		ug/mL	EPA 6010D
	Silver	1.25	1.32	105		ug/mL	EPA 6010D
	Sodium	25.0	24.2	96.8		ug/mL	EPA 6010D
	Thallium	0.500	0.465	93.0		ug/mL	EPA 6010D
	Vanadium	2.50	2.61	104		ug/mL	EPA 6010D
	Zinc	2.50	2.85	114	*	ug/mL	EPA 6010D
Y2I2116-CCV7	Aluminum	10.0	9.97	99.7		ug/mL	EPA 6010D

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 7196A Hexavalent Chromium (Cr6+)
Data for York Analytical Laboratories, Inc., SDG: 22I0453

6 Soil and 3 Ground Water Samples
Collected September 8, 2022

Prepared by: Donald Anné
February 20, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported Cr6+ as not detected.

Spike Sample Recovery: This data was not provided.

Laboratory Duplicate: This data was not provided.

Laboratory Control Sample: The percent recoveries for Cr6+ were within QC limits for soil sample BI21267-SRM1 and aqueous sample BI20439-BS1.

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APPENDIX N

DATA USABILITY SUMMARY REPORTS FOR 2026 GROUNDWATER SAMPLES (METALS)

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

February 24, 2026

Ms. Alexandra Keenan
Project Manager
vEKtor consultants
555 8th Avenue, Suite 2302
New York, NY 10018

Re: Data Validation Report
601 Union
February 2026 Ground Water Sampling Events

Dear Ms. Keenan,

The Data Usability Summary Reports are attached to this letter for the 601 Union site, September 2022 soil and ground water sampling events. The data for Pace Analytical Services, SDG numbers L2607998 and L2608427 are mostly acceptable, with issues that are identified in the DUSRs and QA/QC review summaries. There are data that are rejected, unusable (R) in data pack L2607998. The DUSR and QA/QC review outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

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Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

L2607998

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services
SDG Number: L2607998

2 Ground Water Samples and 1 Field Duplicate
Collected February 12, 2026

Prepared by: Donald Anné
February 24, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 2 ground water samples and 1 field duplicate analyzed for total and dissolved TAL metals.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive total metal results for barium and lead were qualified as estimated, biased low (J-) for samples 25MW-4, 25MW-5, and 25MW-5-DUP because the percent recoveries for barium and lead were below control limits, but not below 30% in the associated aqueous total spike sample.

- The positive total metal results for antimony and selenium were qualified as estimated, biased low (J-) for sample 25MW-4 because the percent recoveries for antimony and selenium were below control limits, but not below 30% in the associated aqueous total spike sample.

- The “not detected” total metal result for antimony were qualified as estimated (UJ) for samples 25MW-5 and 25MW-5-DUP because the percent recovery for antimony was below control limits, but not below 30% in the associated aqueous total spike sample.

- The “not detected” total metal result for selenium were qualified as rejected, unusable (R) for samples 25MW-5 and 25MW-5-DUP because the percent recovery for selenium was below control limits and below 30% in the associated aqueous total spike sample.

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- The positive total metal result for silver was qualified as estimated (J) for sample 25MW-4 because the %D for silver was above the allowable maximum in the associated soil serial dilution sample and the results were above the MRLs.

- The positive total metal results for aluminum, cobalt, copper, and zinc were qualified as estimated (J) for total samples 25MW-5 and 25MW-5-DUP because the relative percent differences for these 4 metals were above the allowable maximum for the aqueous total field duplicate pair 25MW-5/25MW-5-DUP.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 10:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	23.9	0.0100	0.00327		
7440-36-0	Antimony, Total	0.00255	0.00400	0.00042	J	J-
7440-38-2	Arsenic, Total	0.05141	0.00050	0.00016		
7440-39-3	Barium, Total	2.797	0.00050	0.00017		J-
7440-41-7	Beryllium, Total	0.00167	0.00050	0.00010		
7440-43-9	Cadmium, Total	0.00695	0.00020	0.00005		
7440-47-3	Chromium, Total	0.07903	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.04233	0.00050	0.00016		
7440-50-8	Copper, Total	0.2710	0.00100	0.00038		
7439-89-6	Iron, Total	80.6	0.0500	0.0191		
7439-92-1	Lead, Total	2.046	0.00100	0.00034		J-
7439-95-4	Magnesium, Total	42.7	0.0700	0.0242		
7439-96-5	Manganese, Total	2.626	0.00100	0.00044		
7440-02-0	Nickel, Total	0.08349	0.00200	0.00055		
7782-49-2	Selenium, Total	0.00520	0.00500	0.00173		J-
7440-22-4	Silver, Total	0.00172	0.00040	0.00016		J
7440-28-0	Thallium, Total	0.00067	0.00100	0.00014	J	
7440-62-2	Vanadium, Total	0.1134	0.00500	0.00157		
7440-66-6	Zinc, Total	3.312	0.01000	0.00341		

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 10:52
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	366.	1.00	0.394	
7440-09-7	Potassium, Total	35.4	1.00	0.309	
7440-23-5	Sodium, Total	354.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 11:15
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-09-7	Potassium, Total	19.6	1.00	0.309	
7440-23-5	Sodium, Total	450.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 10:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.401	0.0100	0.00327		J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	UJ
7440-38-2	Arsenic, Total	0.00411	0.00050	0.00016		
7440-39-3	Barium, Total	0.1799	0.00050	0.00017		J-
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	113.	0.100	0.0394		
7440-47-3	Chromium, Total	0.00118	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00088	0.00050	0.00016		J
7440-50-8	Copper, Total	0.00454	0.00100	0.00038		J
7439-89-6	Iron, Total	8.04	0.0500	0.0191		
7439-92-1	Lead, Total	0.02726	0.00100	0.00034		J-
7439-95-4	Magnesium, Total	20.2	0.0700	0.0242		
7439-96-5	Manganese, Total	1.773	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00213	0.00200	0.00055		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	R
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	0.00254	0.00500	0.00157	J	
7440-66-6	Zinc, Total	0.01952	0.01000	0.00341		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 11:20
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-09-7	Potassium, Total	18.9	1.00	0.309	
7440-23-5	Sodium, Total	433.	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/14/26 10:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2175488.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/13/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.233	0.0100	0.00327		J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	UJ
7440-38-2	Arsenic, Total	0.00373	0.00050	0.00016		
7440-39-3	Barium, Total	0.1694	0.00050	0.00017		J-
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	109.	0.100	0.0394		
7440-47-3	Chromium, Total	0.00071	0.00100	0.00017	J	
7440-48-4	Cobalt, Total	0.00067	0.00050	0.00016		J
7440-50-8	Copper, Total	0.00281	0.00100	0.00038		J
7439-89-6	Iron, Total	7.66	0.0500	0.0191		
7439-92-1	Lead, Total	0.01563	0.00100	0.00034		J-
7439-95-4	Magnesium, Total	19.6	0.0700	0.0242		
7439-96-5	Manganese, Total	1.756	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00166	0.00200	0.00055	J	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	R
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	0.00171	0.00500	0.00157	J	
7440-66-6	Zinc, Total	0.01222	0.01000	0.00341		J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 18:10
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Dissolved	345.	5.00	1.97	
7439-95-4	Magnesium, Dissolved	32.8	3.50	1.21	
7439-96-5	Manganese, Dissolved	1.257	0.05000	0.02200	
7440-23-5	Sodium, Dissolved	365.	25.0	1.46	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 16:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00809	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00257	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00211	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.1471	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-47-3	Chromium, Dissolved	0.00066	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00956	0.00050	0.00016	
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	0.211	0.0500	0.0191	
7439-92-1	Lead, Dissolved	0.00046	0.00100	0.00034	J
7440-02-0	Nickel, Dissolved	0.00891	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	35.6	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00338	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00732	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 19:41
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Dissolved	19.6	3.50	1.21	
7439-96-5	Manganese, Dissolved	1.524	0.05000	0.02200	
7440-23-5	Sodium, Dissolved	426.	25.0	1.46	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 16:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00255	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.09693	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	98.7	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00038	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00049	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	1.72	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7440-02-0	Nickel, Dissolved	0.00103	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	17.8	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00196	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00530	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 17:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00233	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.09695	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	99.5	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00026	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00045	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	1.65	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7440-02-0	Nickel, Dissolved	0.00099	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	18.0	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 19:47
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2175868.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Dissolved	19.7	3.50	1.21	
7439-96-5	Manganese, Dissolved	1.504	0.05000	0.02200	
7440-23-5	Sodium, Dissolved	408.	25.0	1.46	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/13/26 15:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175419.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00962	0.00020	0.00009	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/13/26 15:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175419.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/13/26 16:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175419.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/13/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00015	0.00020	0.00009	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-01	Date Collected	: 02/12/26 16:50
Client ID	: 25MW-4	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175893.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-02	Date Collected	: 02/12/26 13:42
Client ID	: 25MW-5	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 18:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175893.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Lab ID	: L2607998-03	Date Collected	: 02/12/26 13:45
Client ID	: 25MW-5-DUP	Date Received	: 02/12/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 02/15/26 18:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: CME
Lab File ID	: WG2175893.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/14/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2607998

2 Ground Water Samples and 1 Field Duplicate
Collected February 12, 2026

Prepared by: Donald Anné
February 24, 2026

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, and method blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries (%Rs) for applicable metals were within control limits (75-125%) for aqueous dissolved spike sample 25MW-4.

The %Rs for antimony, barium, and lead were below control limits (75-125%), but not below 30% for aqueous total spike sample 25MW-4. Positive results for antimony, barium, and lead should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous total samples.

The %R for selenium was below control limits (75-125%) and below 30% for aqueous total spike sample 25MW-4. Positive results for selenium should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous total samples.

Laboratory Duplicates: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (20%) for aqueous dissolved duplicate sample 25MW-4, as required.

The RPD for silver was above the allowable maximum (20%) for aqueous total duplicate sample 25MW-4. Positive results for silver should be considered estimated (J) in associated aqueous total samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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Field Duplicates: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (20%) for aqueous dissolved field duplicate pair 25MW-5/25MW-5-DUP (attached table), as required.

The RPDs for aluminum, cobalt, copper, lead, and zinc were above the allowable maximum (20%) for aqueous total field duplicate pair 25MW-5/25MW-5-DUP (attached table). Positive results for these 5 metals should be estimated in samples 25MW-5 and 25MW-5-DUP.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for aqueous total samples WG2175410-2 and WG2175414-2 and aqueous dissolved samples WG2175718-2 and WG2175720-2.

Serial Dilution: The %Ds for barium and lead were not above the allowable maximum (10%) for aqueous total serial dilution sample 25MW-4, as required.

Dissolved vs Total: The dissolved metal results were less than the total result plus 10%, as required.

Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Client Sample ID	: 25MW-4	Matrix	: WATER
Lab Sample ID	: L2607998-01		
Matrix Spike	: WG2175410-3	MS Analysis Date	: 02/14/26 10:18
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R		Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	23.9	2	25.6	85						75-125	20
Antimony, Total	0.00255J	0.5	0.2865	57	Q					75-125	20
Arsenic, Total	0.05141	0.12	0.1668	96						75-125	20
Barium, Total	2.797	2	4.035	62	Q					75-125	20
Beryllium, Total	0.00167	0.05	0.04768	92						75-125	20
Cadmium, Total	0.00695	0.053	0.05793	96						75-125	20
Calcium, Total	366.	10	408.	NA						75-125	20
Chromium, Total	0.07903	0.2	0.2660	93						75-125	20
Cobalt, Total	0.04233	0.5	0.5191	95						75-125	20
Copper, Total	0.2710	0.25	0.5312	104						75-125	20
Iron, Total	80.6	1	72.0	NA						75-125	20
Lead, Total	2.046	0.53	2.359	59	Q					75-125	20
Magnesium, Total	42.7	10	49.5	NA						75-125	20
Manganese, Total	2.626	0.5	2.808	NA						75-125	20
Nickel, Total	0.08349	0.5	0.5703	97						75-125	20
Potassium, Total	35.4	10	47.9	125						75-125	20
Selenium, Total	0.00520	0.12	0.0404J	29	Q					75-125	20
Silver, Total	0.00172	0.05	0.04776	92						75-125	20
Sodium, Total	354.	10	364.	100						75-125	20
Thallium, Total	0.00067J	0.12	0.1204	100						75-125	20
Vanadium, Total	0.1134	0.5	0.6024	98						75-125	20
Zinc, Total	3.312	0.5	4.443	NA						75-125	20

NA - The sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.

Form 6
Lab Duplicates

Client	: Vektor Consultants, LLC	Lab Number	: L2607998
Project Name	: 601 UNION ST	Project Number	: 25030019
Client Sample ID	: 25MW-4	Matrix	: WATER
Lab Sample ID	: L2607998-01	Analysis Date	: 02/14/26 10:13
Dup Sample ID	: WG2175410-4	DUP Analysis Date	: 02/14/26 10:23

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Aluminum, Total	23.9	21.5	11	20
Antimony, Total	0.00255J	0.00243J	NC	20
Arsenic, Total	0.05141	0.04785	7	20
Barium, Total	2.797	2.562	9	20
Beryllium, Total	0.00167	0.00163	2	20
Cadmium, Total	0.00695	0.00652	6	20
Chromium, Total	0.07903	0.07269	8	20
Cobalt, Total	0.04233	0.04134	2	20
Copper, Total	0.2710	0.2563	6	20
Iron, Total	80.6	79.1	2	20
Lead, Total	2.046	1.884	8	20
Magnesium, Total	42.7	40.5	5	20
Manganese, Total	2.626	2.609	1	20
Nickel, Total	0.08349	0.08004	4	20
Selenium, Total	0.00520	0.00487J	NC	20
Silver, Total	0.00172	0.00130	28 Q	20
Thallium, Total	0.00067J	0.00061J	NC	20
Vanadium, Total	0.1134	0.1064	6	20
Zinc, Total	3.312	3.203	3	20

Field Duplicate Calculation Section

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2607998

S1= 25MW-5 **S2=** 25MW-5-DUP

Analyte	S1	S2	RPD (%)	
aluminum	0.401	0.233	53%	*
antimony	ND	ND	NC	
arsenic	0.00411	0.00373	10%	
barium	0.1799	0.1694	6%	
beryllium	ND	ND	NC	
cadmium	ND	ND	NC	
calcium	113	ND	NC	
chromium	0.00118	**0.00071**	NC	
cobalt	0.00088	0.00067	27%	*
copper	0.00454	0.00281	47%	*
iron	8.04	7.66	5%	
lead	0.02726	0.01563	54%	*
magnesium	20.2	19.6	3%	
manganese	1.773	1.756	1%	
mercury	ND	**0.00015**	NC	
nickel	0.00213	**0.00166**	NC	
potassium	19.6	18.9	4%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	450	433	4%	
thallium	ND	ND	NC	
vanadium	**0.00254**	**0.00171**	NC	
zinc	0.01952	0.01222	46%	*

* RPD is above the allowable maximum 20%

Results are in units of mg/L.

Bold numbers were values that below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2607998

S1= 25MW-5 **S2=** 25MW-5-DUP

Analyte	S1	S2	RPD (%)
aluminum (dissolved)	ND	ND	NC
antimony (dissolved)	ND	ND	NC
arsenic (dissolved)	0.00255	0.00233	9%
barium (dissolved)	0.09693	0.09695	0%
beryllium (dissolved)	ND	ND	NC
cadmium (dissolved)	ND	ND	NC
calcium (dissolved)	98.7	99.5	1%
chromium (dissolved)	**0.00038**	**0.00026**	NC
cobalt (dissolved)	**0.00049**	**0.00045**	NC
copper (dissolved)	ND	ND	NC
iron (dissolved)	1.72	1.65	4%
lead (dissolved)	ND	ND	NC
magnesium (dissolved)	19.6	19.7	1%
manganese (dissolved)	1.524	1.504	1%
mercury (dissolved)	ND	ND	NC
nickel (dissolved)	**0.00103**	**0.00099**	NC
potassium (dissolved)	17.8	18	1%
selenium (dissolved)	**0.00196**	ND	NC
silver (dissolved)	ND	ND	NC
sodium (dissolved)	426	408	4%
thallium (dissolved)	ND	ND	NC
vanadium (dissolved)	ND	ND	NC
zinc (dissolved)	**0.0053**	ND	NC

* RPD is above the allowable maximum 20%

Results are in units of mg/L.

Bold numbers were values that below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

L2608427

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services
SDG Number: L2608427

1 Ground Water Sample and 1 Field Blank
Collected February 16, 2026

Prepared by: Donald Anné
February 24, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 1 ground water sample and 1 field blank analyzed for total and dissolved TAL metals.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive dissolved metal results for magnesium and potassium were qualified as estimated, biased low (J-) for sample 25MW-7 because the percent recoveries for magnesium and potassium were below control limits, but not below 30% in the associated aqueous batch dissolved spike sample.

- The "not detected" dissolved metals result for magnesium and potassium were qualified as estimated (UJ) for sample FB-2.16.26 because the percent recoveries for magnesium and potassium were below control limits, but not below 30% in the associated aqueous dissolved spike sample.

All data are considered usable with estimated (J- or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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Qualified Data Section

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-01	Date Collected	: 02/16/26 13:15
Client ID	: 25MW-7	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/17/26 12:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2176341.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/17/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0856	0.0118	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.01031	0.00050	0.00016	
7440-39-3	Barium, Total	0.1840	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	130.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00054	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00060	0.00050	0.00016	
7440-50-8	Copper, Total	0.00124	0.00100	0.00038	
7439-89-6	Iron, Total	15.8	0.0500	0.0191	
7439-92-1	Lead, Total	0.00415	0.00100	0.00034	
7439-95-4	Magnesium, Total	20.0	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6503	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	10.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00159	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01010	0.01000	0.00341	

Form 1
METALS

Client	: Vektor Consultants, LLC	**Lab Number**	: L2608427
Project Name	: 601 UNION ST (25030019)	**Project Number**	: 25030019
Lab ID	: L2608427-01	**Date Collected**	: 02/16/26 13:15
Client ID	: 25MW-7	**Date Received**	: 02/16/26
Sample Location	: NY	**Date Analyzed**	: 02/17/26 16:49
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,6020B	**Analyst**	: DHL
Lab File ID	: WG2176341.pdf	**Instrument ID**	: ICPMSX2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 02/17/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-23-5	Sodium, Total	72.3	5.00	0.293	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-02	Date Collected	: 02/16/26 13:20
Client ID	: FB-2.16.26	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/17/26 13:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2176341.pdf	Instrument ID	: ICPMSX2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/17/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0118	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.162	0.500	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00448	0.01000	0.00341	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-01	Date Collected	: 02/16/26 13:15
Client ID	: 25MW-7	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/18/26 08:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2176753.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/18/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00583	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.1107	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	140.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00019	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00049	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	7.23	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	22.0	0.0700	0.0242	J-
7439-96-5	Manganese, Dissolved	0.6487	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	11.1	0.100	0.0309	J-
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	75.6	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-02	Date Collected	: 02/16/26 13:20
Client ID	: FB-2.16.26	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/18/26 08:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2176753.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/18/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U	
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	ND	0.00050	0.00017	U	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	0.0424	0.100	0.0394	J	
7440-47-3	Chromium, Dissolved	0.00058	0.00100	0.00017	J	
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U	
7440-50-8	Copper, Dissolved	0.00053	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0324	0.0500	0.0191	J	
7439-92-1	Lead, Dissolved	0.00042	0.00100	0.00034	J	
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U	UJ
7439-96-5	Manganese, Dissolved	ND	0.00100	0.00044	U	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U	
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U	UJ
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	0.187	0.500	0.0293	J	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-01	Date Collected	: 02/16/26 13:15
Client ID	: 25MW-7	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/17/26 11:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: ALC
Lab File ID	: WG2176416.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/17/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00010	0.00020	0.00009	J

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-02	Date Collected	: 02/16/26 13:20
Client ID	: FB-2.16.26	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/17/26 12:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: ALC
Lab File ID	: WG2176416.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/17/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-01	Date Collected	: 02/16/26 13:15
Client ID	: 25MW-7	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/18/26 10:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: RDB
Lab File ID	: WG2176674.pdf	Instrument ID	: NIC5
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/18/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Lab ID	: L2608427-02	Date Collected	: 02/16/26 13:20
Client ID	: FB-2.16.26	Date Received	: 02/16/26
Sample Location	: NY	Date Analyzed	: 02/18/26 10:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: RDB
Lab File ID	: WG2176674.pdf	Instrument ID	: NIC5
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/18/26

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2608427

1 Ground Water Sample and 1 Field Blank
Collected February 16, 2026

Prepared by: Donald Anné
February 24, 2026

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and field blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries (%Rs) for applicable metals were within control limits (75-125%) for aqueous total spike sample 24MW-7.

The %Rs for magnesium and potassium were below control limits (75-125%), but not below 30% for aqueous dissolved batch spike sample L2608422-01. Positive results for magnesium and potassium should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous dissolved samples.

Laboratory Duplicates: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (20%) for aqueous total duplicate sample 25MW-7 and dissolved batch duplicate sample WG2176375-4, as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for aqueous total samples WG2176372-2 and WG2176373-2 and aqueous dissolved samples WG2176375-2 and WG2176378-2.

Dissolved vs Total: The dissolved metal results were less than the total result plus 10%, as required.

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Field Duplicate Calculation Section

Form 5a
Matrix Spike

Client	: Vektor Consultants, LLC	Lab Number	: L2608427
Project Name	: 601 UNION ST (25030019)	Project Number	: 25030019
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: L2608422-01		
Matrix Spike	: WG2176375-3	MS Analysis Date	: 02/18/26 08:23
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R		Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Dissolved	ND	2	1.91	96						75-125	20
Antimony, Dissolved	ND	0.5	0.5124	102						75-125	20
Arsenic, Dissolved	0.00130	0.12	0.1204	99						75-125	20
Barium, Dissolved	0.4002	2	2.390	99						75-125	20
Beryllium, Dissolved	ND	0.05	0.04678	94						75-125	20
Cadmium, Dissolved	ND	0.053	0.05206	98						75-125	20
Calcium, Dissolved	256.	10	256.	NA						75-125	20
Chromium, Dissolved	0.00038J	0.2	0.2042	102						75-125	20
Cobalt, Dissolved	0.00060	0.5	0.5012	100						75-125	20
Copper, Dissolved	ND	0.25	0.2544	102						75-125	20
Iron, Dissolved	5.92	1	6.81	89						75-125	20
Lead, Dissolved	ND	0.53	0.5412	102						75-125	20
Magnesium, Dissolved	38.0	10	43.0	50	Q					75-125	20
Manganese, Dissolved	1.234	0.5	1.688	91						75-125	20
Nickel, Dissolved	0.00131J	0.5	0.5076	102						75-125	20
Potassium, Dissolved	37.6	10	43.6	60	Q					75-125	20
Selenium, Dissolved	ND	0.12	0.112	93						75-125	20
Silver, Dissolved	ND	0.05	0.04956	99						75-125	20
Sodium, Dissolved	234.	10	252.	NA						75-125	20
Thallium, Dissolved	ND	0.12	0.1174	98						75-125	20
Vanadium, Dissolved	ND	0.5	0.5213	104						75-125	20
Zinc, Dissolved	0.00447J	0.5	0.4999	100						75-125	20

NA - The sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.